

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074945.D
 Acq On : 20 Oct 2022 16:28
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 21 03:07:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	532397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	942515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1083193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	844928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	1880725	147.036	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 294.080%#			
35) Dibromofluoromethane	8.171	113	1621951	157.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 314.920%#			
50) Toluene-d8	10.571	98	6563346	159.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 318.000%#			
62) 4-Bromofluorobenzene	12.853	95	2523410	212.633	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 425.260%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	1073711	120.612	ug/l	94
3) Chloromethane	2.371	50	1026903	79.123	ug/l	98
4) Vinyl Chloride	2.524	62	1669522	81.508	ug/l	94
5) Bromomethane	2.912	94	1055371	53.073	ug/l	99
6) Chloroethane	3.077	64	1236069	66.272	ug/l	99
7) Trichlorofluoromethane	3.471	101	1995132	140.118	ug/l	99
8) Diethyl Ether	3.965	74	819760	129.829	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	1188122	137.148	ug/l	99
10) Methyl Iodide	4.589	142	1734947	144.226	ug/l	99
11) Tert butyl alcohol	5.553	59	1920209	642.916	ug/l	100
12) 1,1-Dichloroethene	4.336	96	1106846	131.655	ug/l	91
13) Acrolein	4.189	56	1098843	560.500	ug/l	96
14) Allyl chloride	5.030	41	1721959	112.000	ug/l	97
15) Acrylonitrile	5.730	53	4095813	591.089	ug/l	99
16) Acetone	4.442	43	3173572	534.416	ug/l	97
17) Carbon Disulfide	4.706	76	2275053	123.502	ug/l	98
18) Methyl Acetate	5.030	43	2249951	106.897	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	4863833	149.373	ug/l	97
20) Methylene Chloride	5.283	84	1394662	116.162	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	1257368	136.827	ug/l	91
22) Diisopropyl ether	6.683	45	4061843	123.692	ug/l	98
23) Vinyl Acetate	6.612	43	16603864m	629.450	ug/l	
24) 1,1-Dichloroethane	6.577	63	2475921	128.881	ug/l	98
25) 2-Butanone	7.494	43	5330783	551.819	ug/l	96
26) 2,2-Dichloropropane	7.494	77	2385514	156.334	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	1658057	141.916	ug/l	96
28) Bromochloromethane	7.818	49	1113823	129.211	ug/l	88
29) Tetrahydrofuran	7.847	42	3460891	533.206	ug/l	96
30) Chloroform	7.971	83	2786702	140.737	ug/l	92
31) Cyclohexane	8.259	56	1797267	114.277	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	2544007	151.622	ug/l	97
36) 1,1-Dichloropropene	8.371	75	1836849	130.641	ug/l	99
37) Ethyl Acetate	7.571	43	2058283	109.070	ug/l	99
38) Carbon Tetrachloride	8.365	117	2171309	155.225	ug/l	95
39) Methylcyclohexane	9.600	83	2269870	141.898	ug/l	98
40) Benzene	8.612	78	5717378	126.856	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	1097167	110.606	ug/l	97
42) 1,2-Dichloroethane	8.677	62	2066952	136.982	ug/l	97
43) Isopropyl Acetate	8.694	43	3353483	109.883	ug/l	99
44) Trichloroethene	9.353	130	1428268	140.291	ug/l	96
45) 1,2-Dichloropropane	9.624	63	1465778	120.148	ug/l	98
46) Dibromomethane	9.712	93	1130732	144.355	ug/l	99
47) Bromodichloromethane	9.888	83	2275158	144.773	ug/l	99
48) Methyl methacrylate	9.682	41	1499838	109.838	ug/l	97
49) 1,4-Dioxane	9.700	88	883013	2882.396	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	11365409	575.576	ug/l	97
52) Toluene	10.629	92	4088500	147.383	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	2549969	158.138	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	2590748	148.899	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	1717971	149.573	ug/l	97
56) Ethyl methacrylate	10.876	69	2688512	147.074	ug/l	93
57) 1,3-Dichloropropane	11.165	76	2746548	135.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	6901416	919.937	ug/l	97
59) 2-Hexanone	11.200	43	8613385	593.117	ug/l	97
60) Dibromochloromethane	11.359	129	1970230	175.293	ug/l	100
61) 1,2-Dibromoethane	11.470	107	1761276	158.171	ug/l	99
64) Tetrachloroethene	11.106	164	1136732	126.208	ug/l	97
65) Chlorobenzene	11.894	112	4482488	145.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	1783756	156.555	ug/l	97
67) Ethyl Benzene	11.965	91	8107129	149.970	ug/l	98
68) m/p-Xylenes	12.070	106	6639015	324.480	ug/l	95
69) o-Xylene	12.400	106	3356415	157.840	ug/l	99
70) Styrene	12.412	104	5746053	173.659	ug/l	98
71) Bromoform	12.582	173	1623743	201.246	ug/l #	99
73) Isopropylbenzene	12.700	105	8898637	118.507	ug/l	99
74) N-amyl acetate	12.494	43	3235608	87.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	2867760	97.886	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	2515996m	118.475	ug/l	
77) Bromobenzene	12.982	156	2049215	122.519	ug/l	88
78) n-propylbenzene	13.035	91	10118210	120.081	ug/l	98
79) 2-Chlorotoluene	13.129	91	6055682	126.255	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	7623917	129.838	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	1001781m	127.666	ug/l	
82) 4-Chlorotoluene	13.129	91	6055682	126.255	ug/l	99
83) tert-Butylbenzene	13.441	119	6923135	126.709	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	7832778	139.421	ug/l	99
85) sec-Butylbenzene	13.617	105	9820945	132.275	ug/l	98
86) p-Isopropyltoluene	13.729	119	8569494	152.558	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	4194633	150.415	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	4096748	146.330	ug/l	99
89) n-Butylbenzene	14.059	91	7243803	155.775	ug/l	98
90) Hexachloroethane	14.335	117	1545632	130.871	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	4104628	145.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	649504	137.708	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	2129614	153.349	ug/l	100
94) Hexachlorobutadiene	15.500	225	879182	123.774	ug/l	98
95) Naphthalene	15.641	128	8114803	156.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	2064566	145.767	ug/l	98

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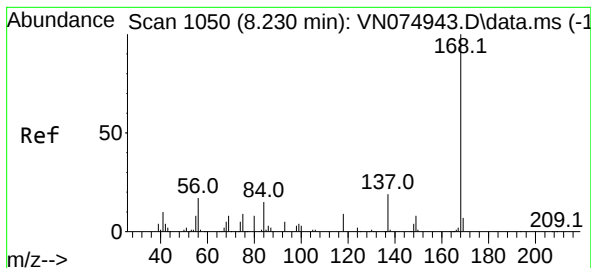
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Oct 21 03:02:02 2022
Response via : Initial Calibration

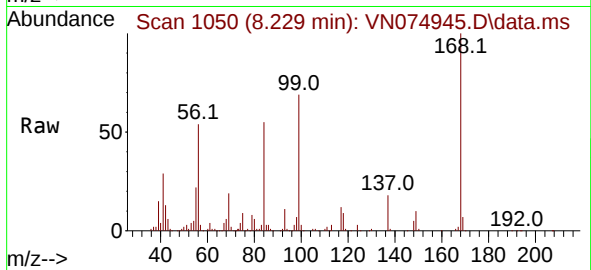
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN074945.D
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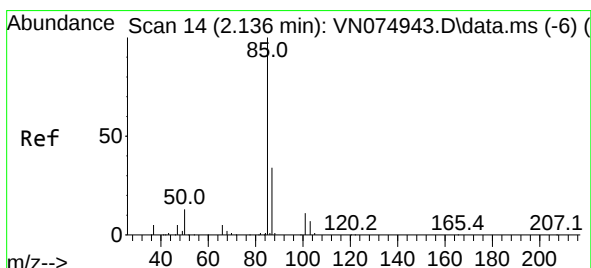
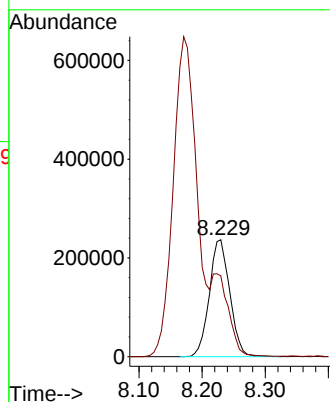
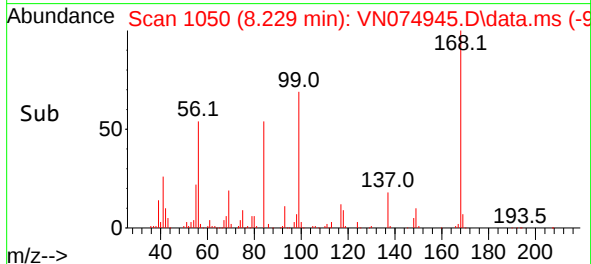
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 53239
Ion Ratio Lower Upper
168 100
99 68.7 52.2 78.4

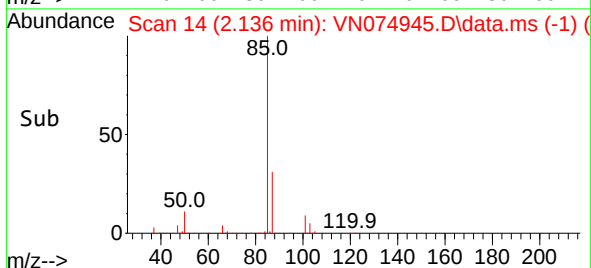
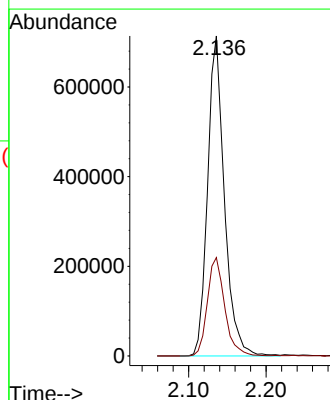
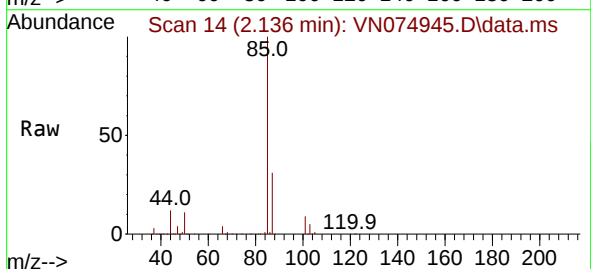
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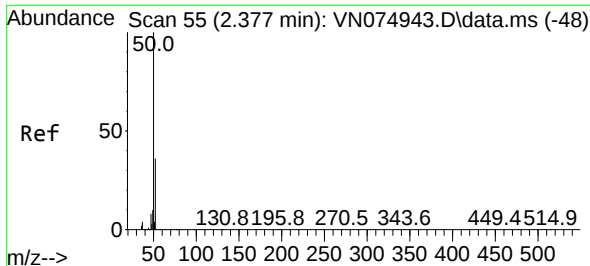
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 120.612 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

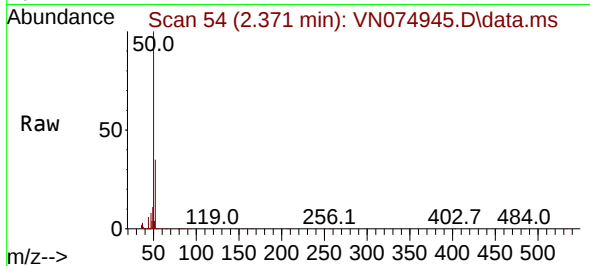
Tgt Ion: 85 Resp: 1073711
Ion Ratio Lower Upper
85 100
87 30.8 17.1 51.2





#3
Chloromethane
Concen: 79.123 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

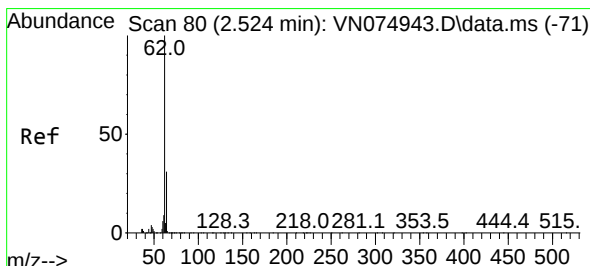
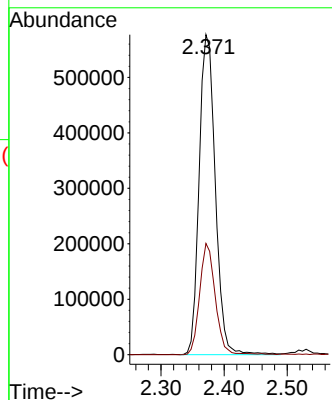
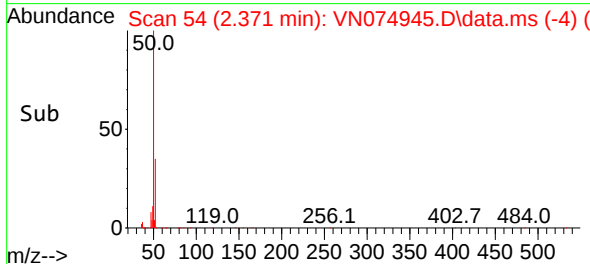
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Tgt Ion: 50 Resp: 102690
Ion Ratio Lower Upper
50 100
52 34.8 28.8 43.2

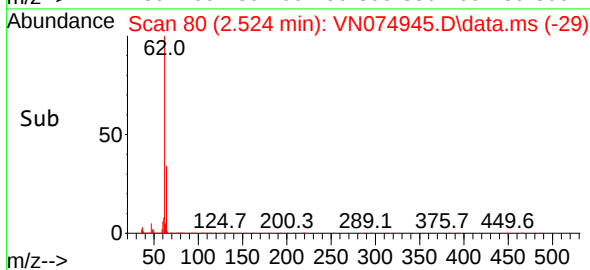
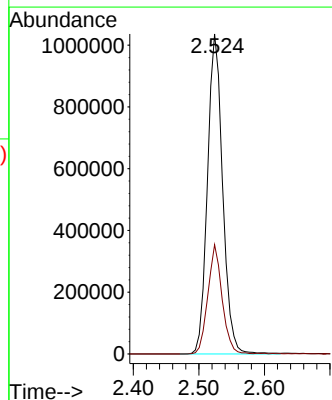
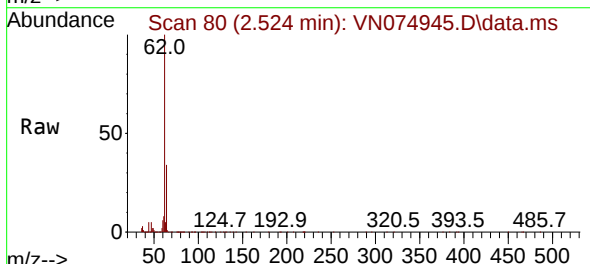
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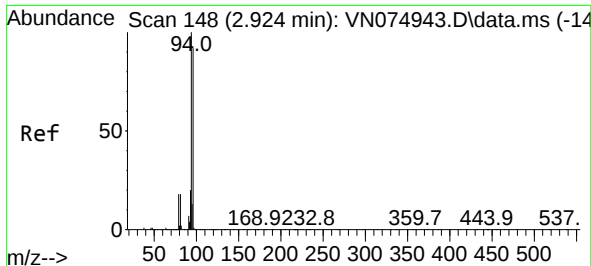
Reviewed By :John Carlone 10/21/2022
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#4
Vinyl Chloride
Concen: 81.508 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

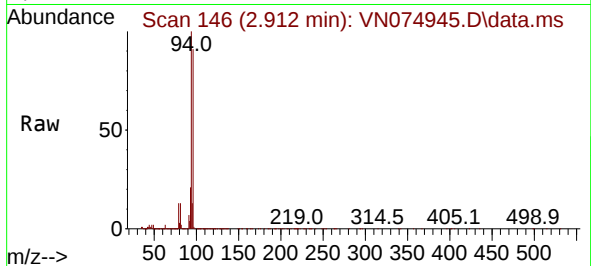
Tgt Ion: 62 Resp: 166952
Ion Ratio Lower Upper
62 100
64 34.1 24.5 36.7





#5
Bromomethane
Concen: 53.073 ug/l
RT: 2.912 min Scan# 148
Delta R.T. -0.012 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

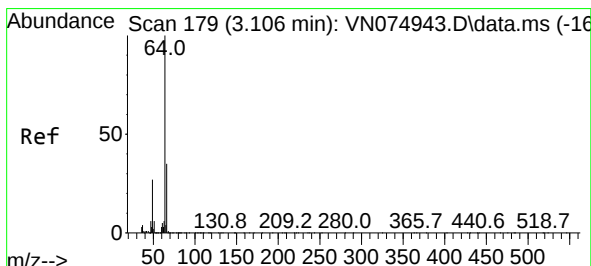
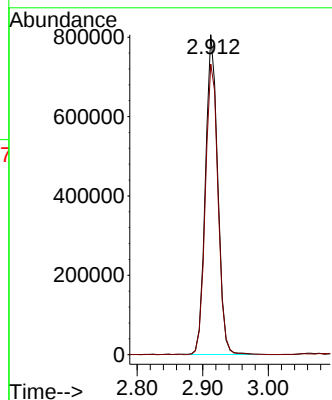
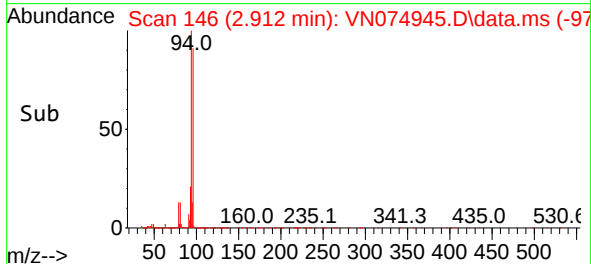
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Tgt Ion: 94 Resp: 105537
Ion Ratio Lower Upper
94 100
96 90.8 73.5 110.3

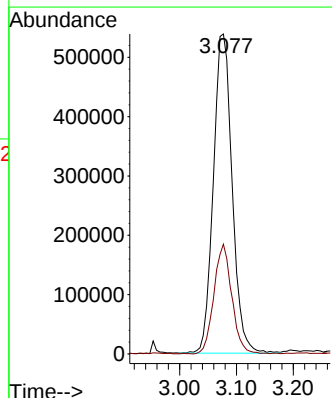
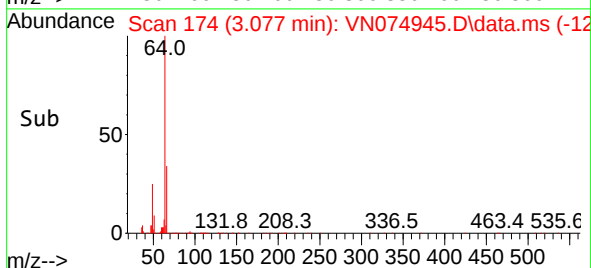
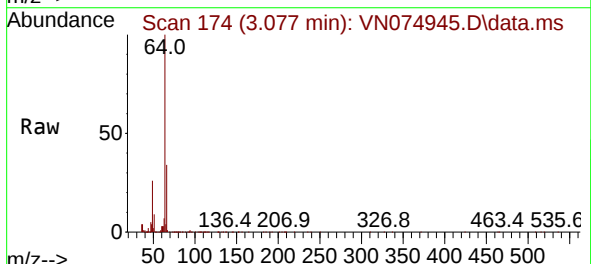
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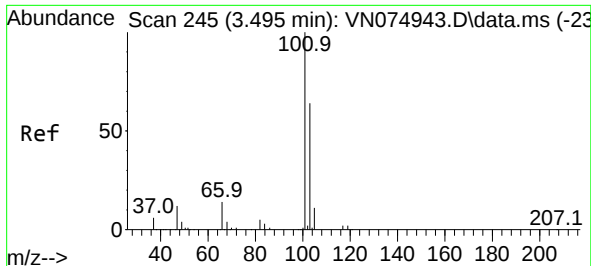
Reviewed By :John Carlone 10/21/2022
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#6
Chloroethane
Concen: 66.272 ug/l
RT: 3.077 min Scan# 174
Delta R.T. -0.029 min
Lab File: VN074945.D
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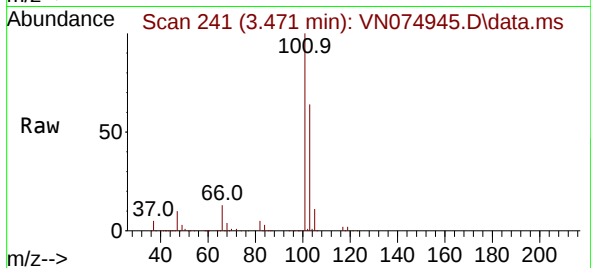
Tgt Ion: 64 Resp: 1236069
Ion Ratio Lower Upper
64 100
66 34.4 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 140.118 ug/l
 RT: 3.471 min Scan# 245
 Delta R.T. -0.024 min
 Lab File: VN074945.D
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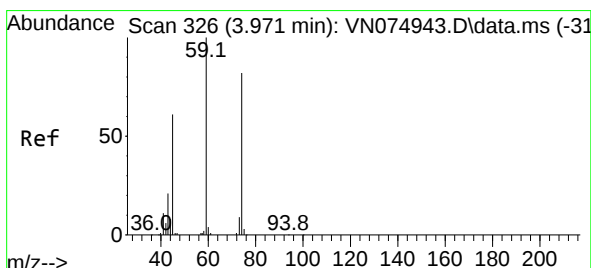
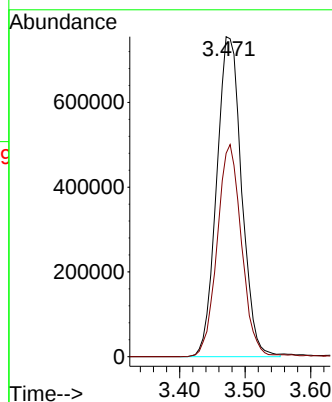
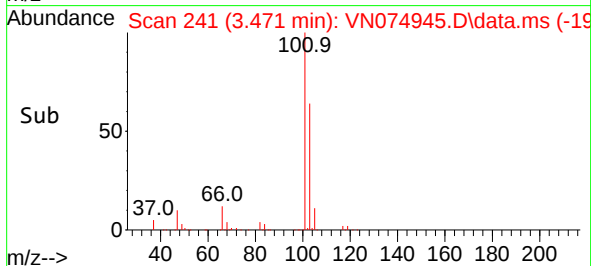
Instrument :
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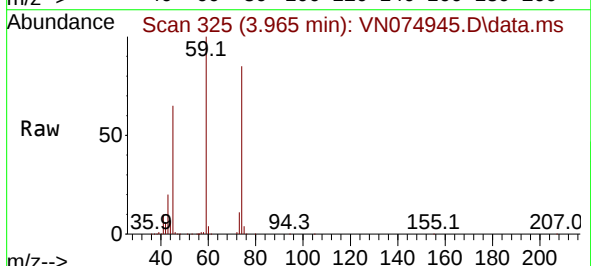
Tgt Ion:101 Resp: 199513
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3

Manual Integrations
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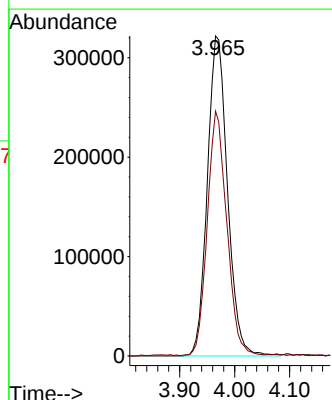
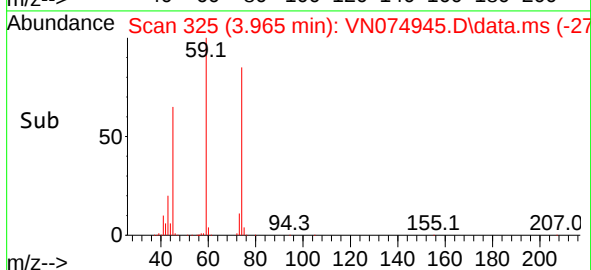
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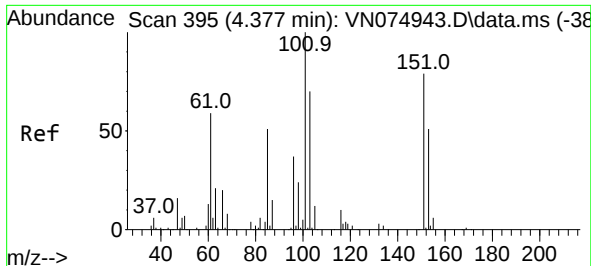


#8
 Diethyl Ether
 Concen: 129.829 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 819760
 Ion Ratio Lower Upper
 74 100
 45 73.8 40.1 120.3





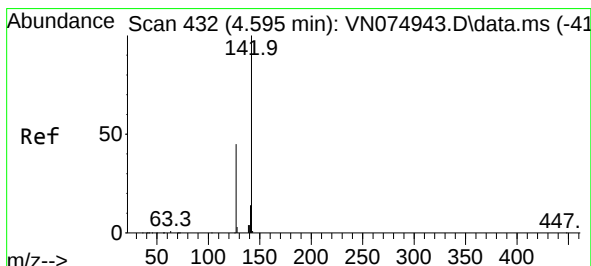
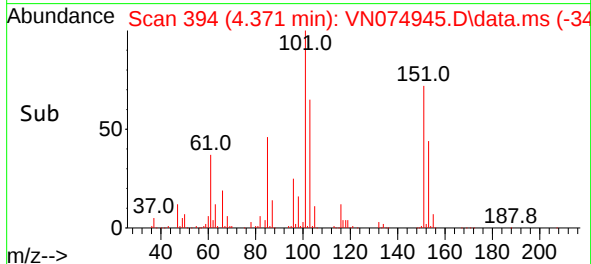
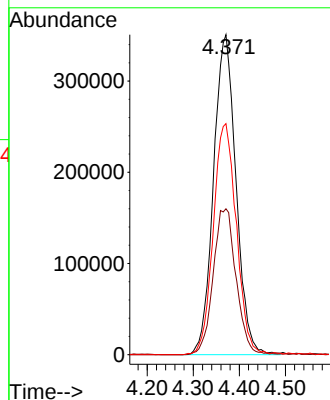
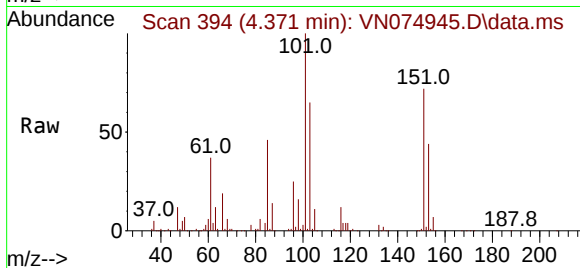
#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.148 ug/l
RT: 4.371 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 118812
Ion Ratio Lower Upper
101 100
85 46.4 37.8 56.8
151 74.0 58.5 87.7

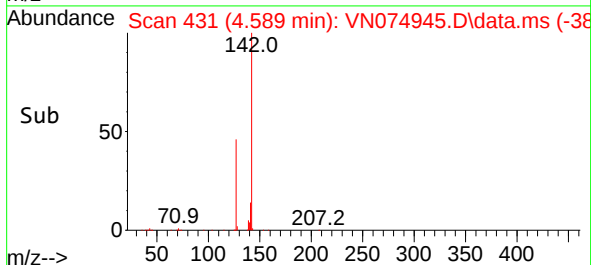
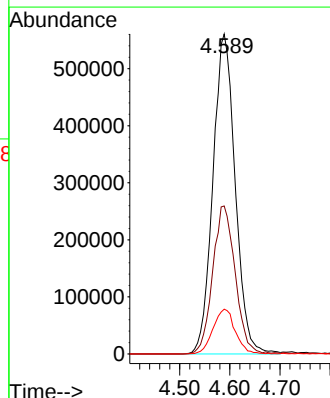
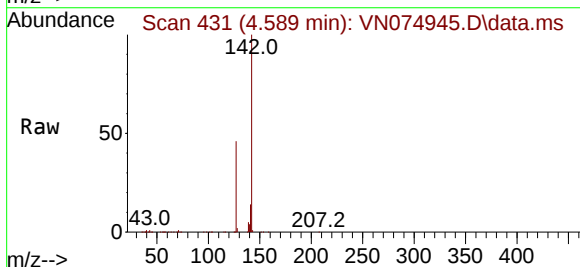
Manual Integrations
APPROVED

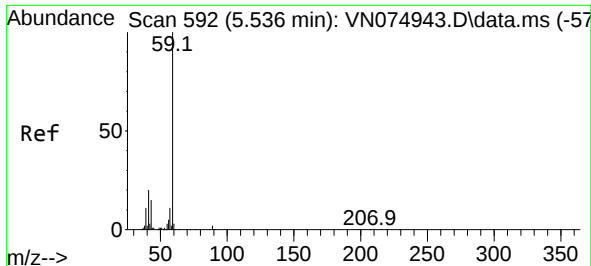
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 144.226 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Tgt Ion:142 Resp: 1734947
Ion Ratio Lower Upper
142 100
127 46.6 37.0 55.4
141 14.0 11.4 17.0





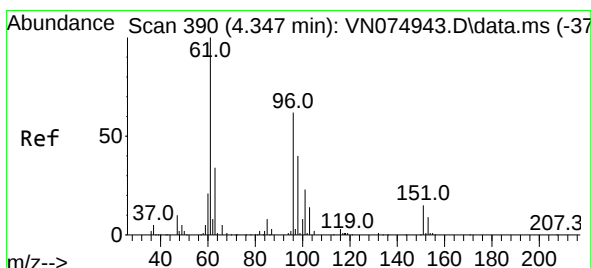
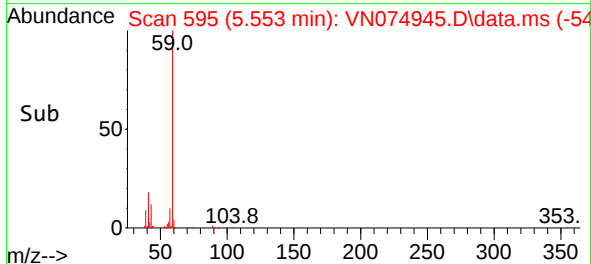
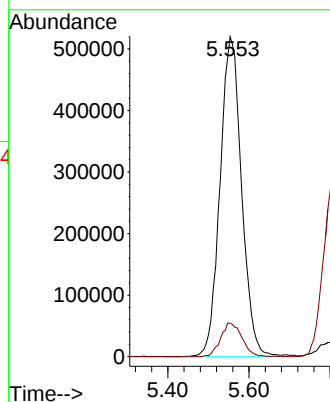
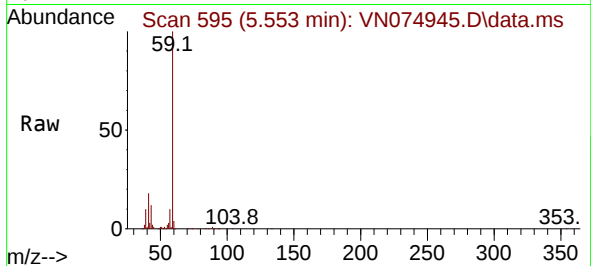
#11
Tert butyl alcohol
Concen: 642.916 ug/l
RT: 5.553 min Scan# 59
Delta R.T. 0.018 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 1920209
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

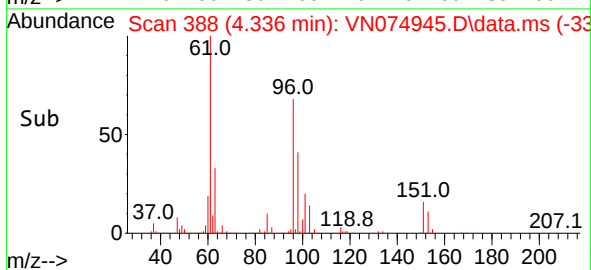
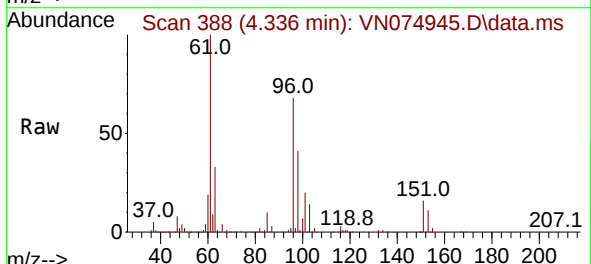
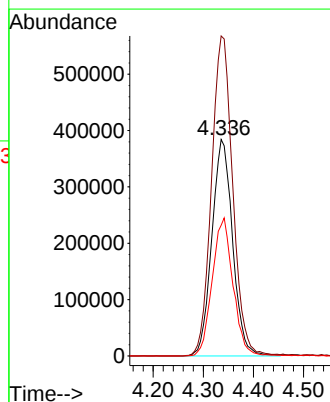
Manual Integrations
APPROVED

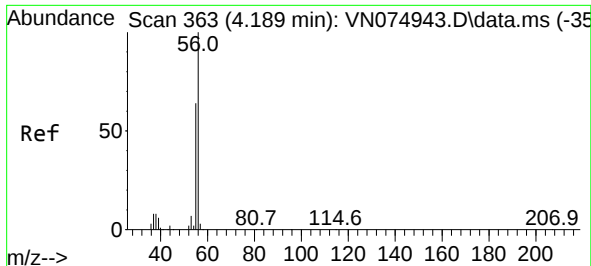
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#12
1,1-Dichloroethene
Concen: 131.655 ug/l
RT: 4.336 min Scan# 388
Delta R.T. -0.012 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

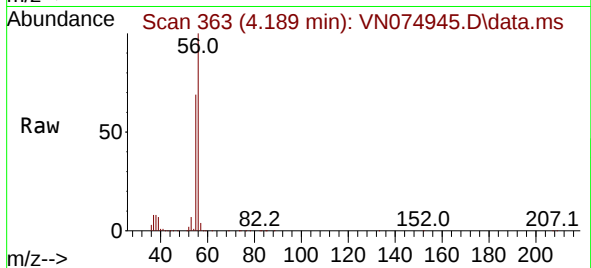
Tgt Ion: 96 Resp: 1106846
Ion Ratio Lower Upper
96 100
61 147.8 128.9 193.3
98 60.4 51.8 77.8





#13
Acrolein
Concen: 560.500 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

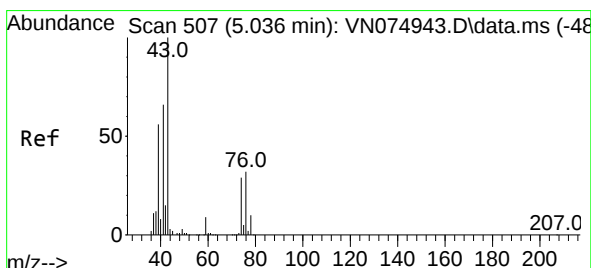
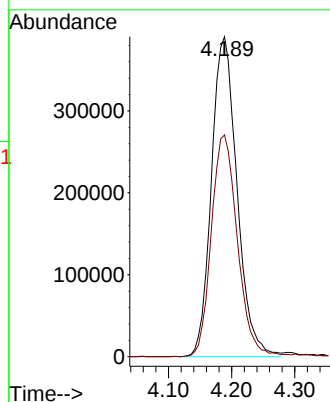
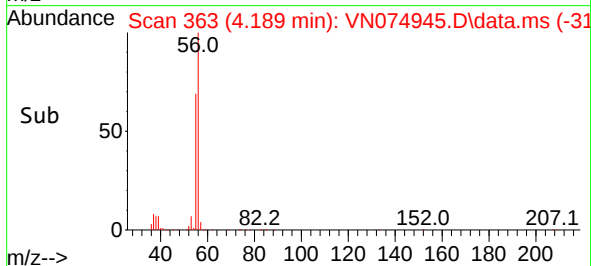
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



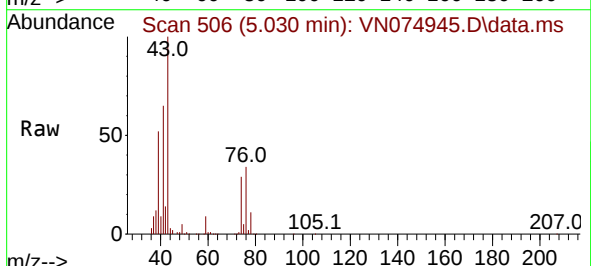
Tgt Ion: 56 Resp: 109884
Ion Ratio Lower Upper
56 100
55 70.5 53.7 80.5

Manual Integrations
APPROVED

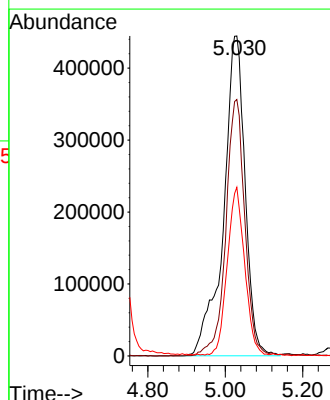
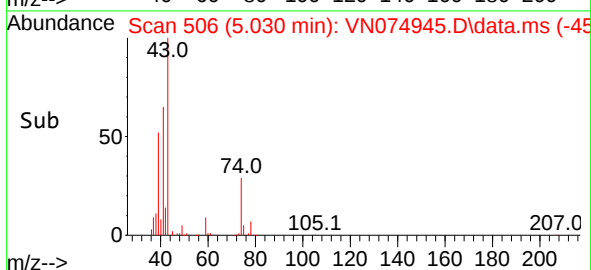
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

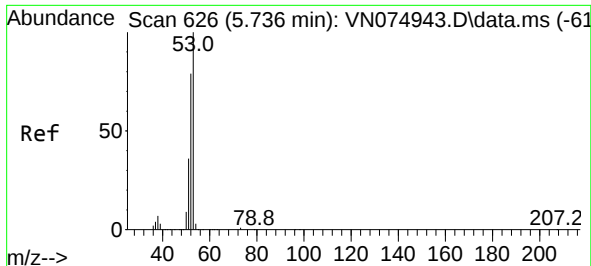


#14
Allyl chloride
Concen: 112.000 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



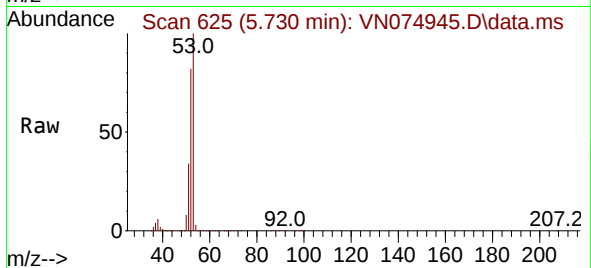
Tgt Ion: 41 Resp: 1721959
Ion Ratio Lower Upper
41 100
39 70.5 60.0 90.0
76 42.0 33.7 50.5





#15
Acrylonitrile
Concen: 591.089 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

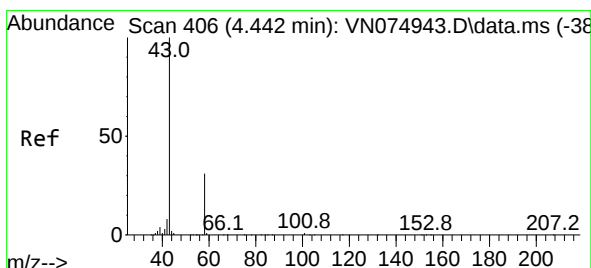
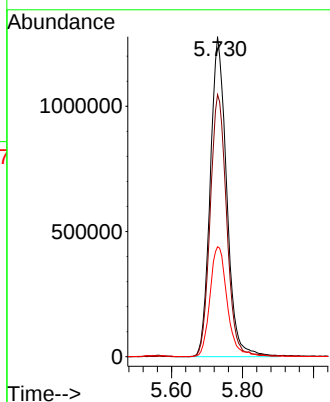
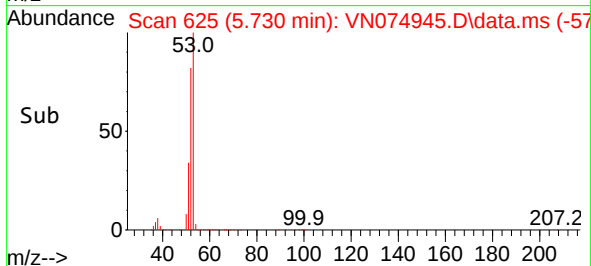
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 409581
Ion Ratio Lower Upper
53 100
52 82.1 66.7 100.1
51 36.3 28.8 43.2

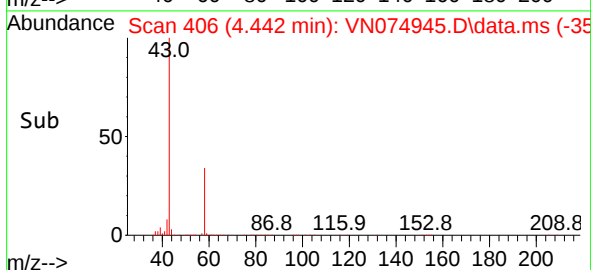
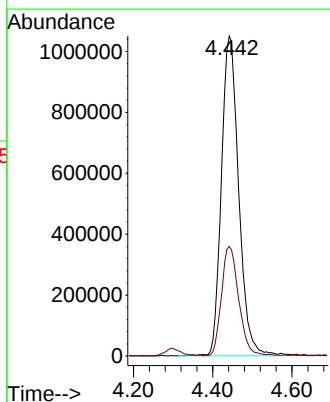
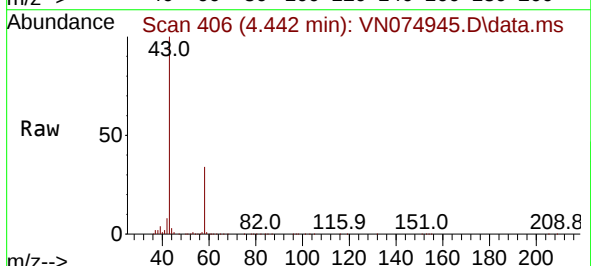
Manual Integrations
APPROVED

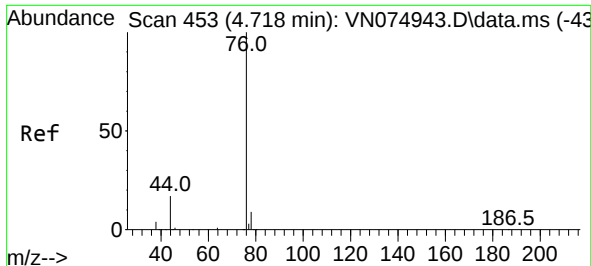
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#16
Acetone
Concen: 534.416 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Tgt Ion: 43 Resp: 3173572
Ion Ratio Lower Upper
43 100
58 34.0 25.7 38.5





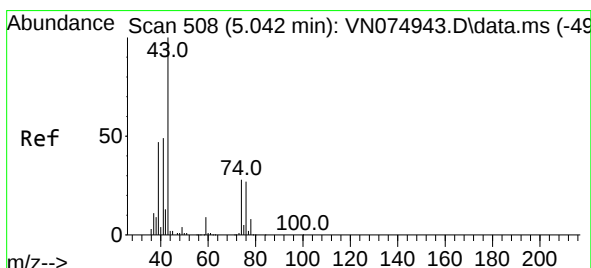
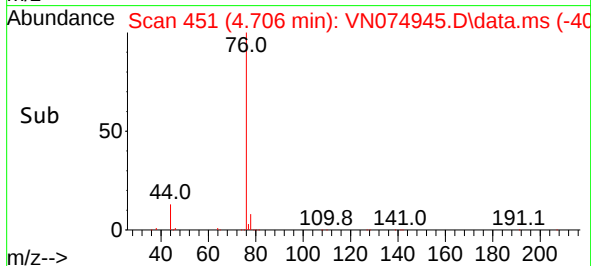
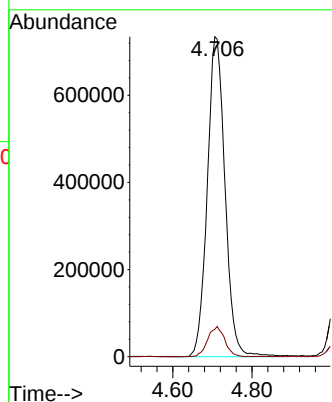
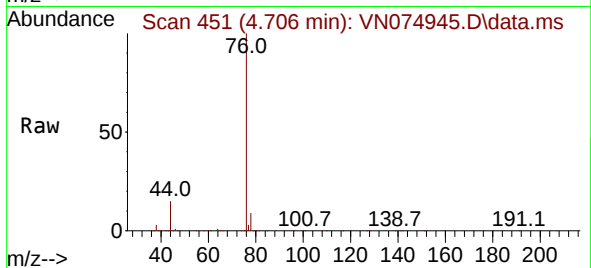
#17
Carbon Disulfide
Concen: 123.502 ug/l
RT: 4.706 min Scan# 451
Delta R.T. -0.012 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 227505
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

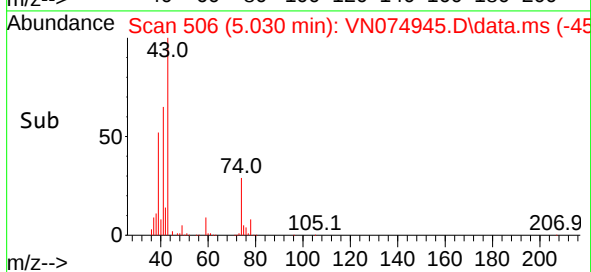
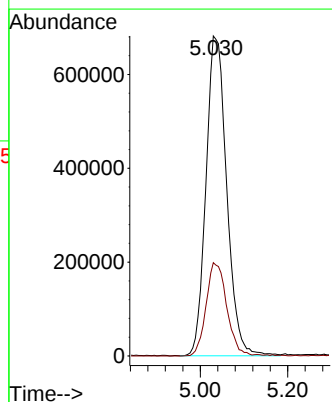
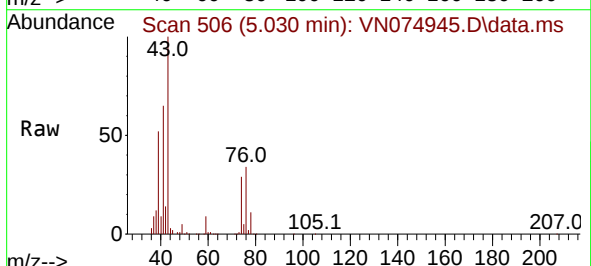
Manual Integrations
APPROVED

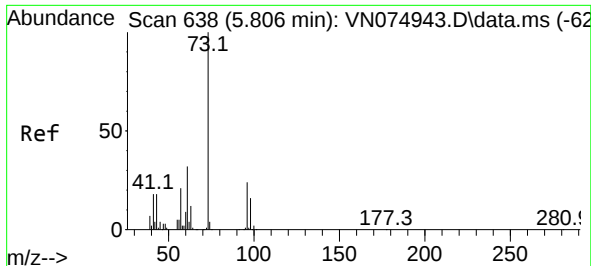
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 106.897 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

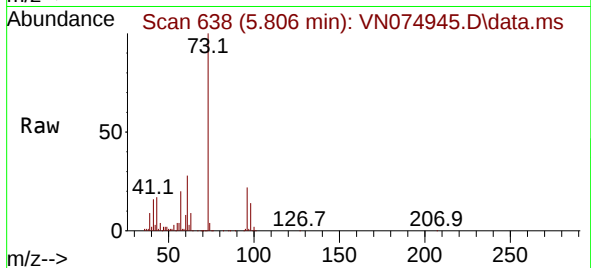
Tgt Ion: 43 Resp: 2249951
Ion Ratio Lower Upper
43 100
74 28.9 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 149.373 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

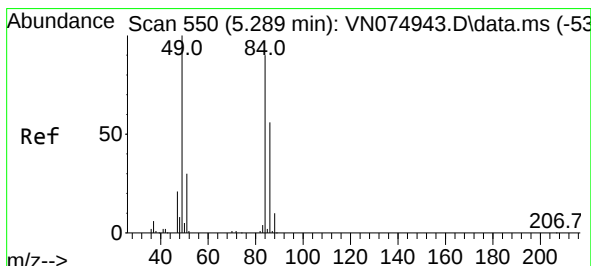
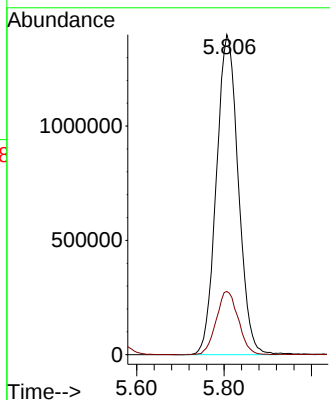
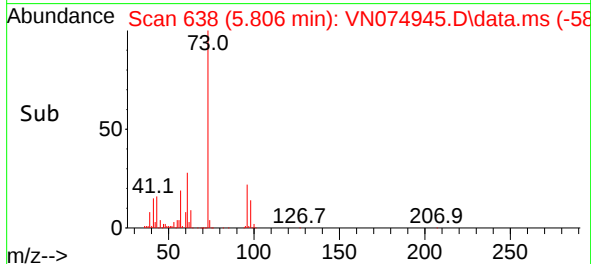
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 486383
Ion Ratio Lower Upper
73 100
57 19.8 16.9 25.3

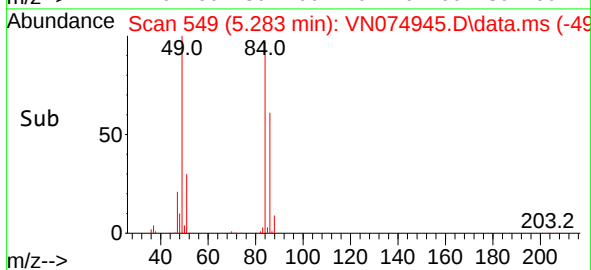
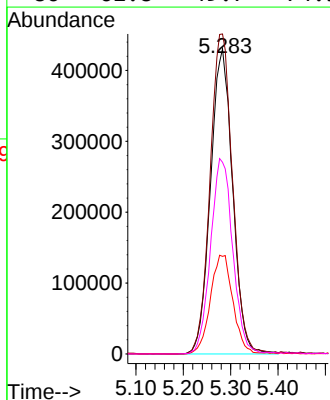
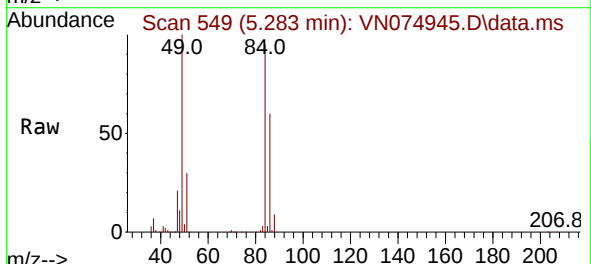
Manual Integrations
APPROVED

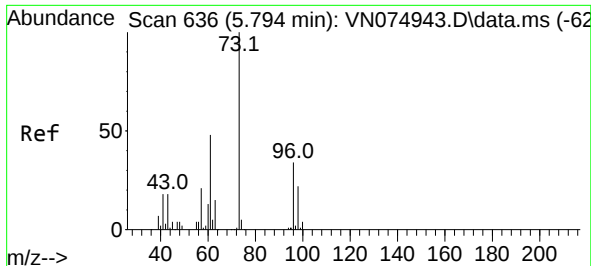
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 116.162 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

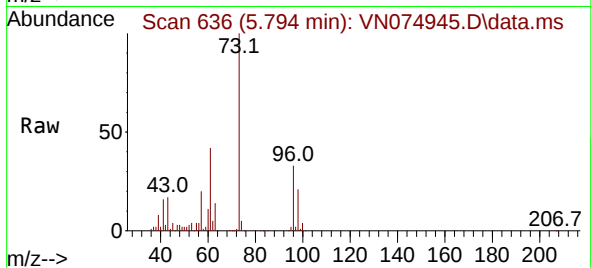
Tgt Ion: 84 Resp: 1394662
Ion Ratio Lower Upper
84 100
49 104.9 88.6 133.0
51 32.0 26.7 40.1
86 62.8 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 136.827 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

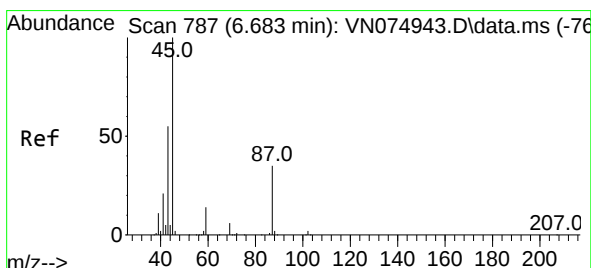
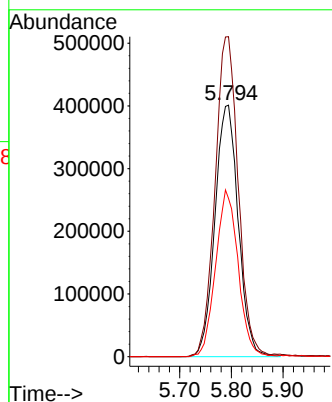
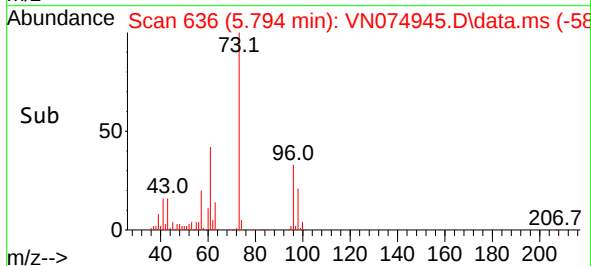
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 125736
Ion Ratio Lower Upper
96 100
61 127.2 112.6 169.0
98 62.9 52.4 78.6

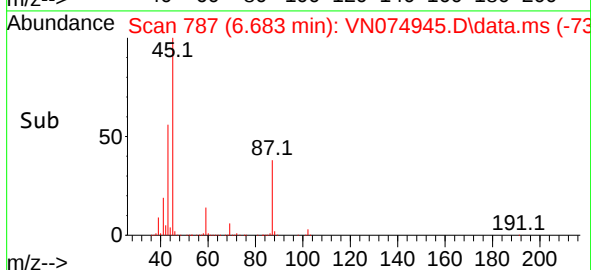
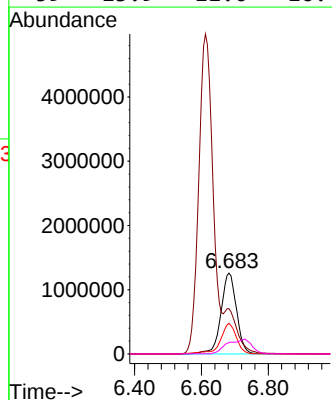
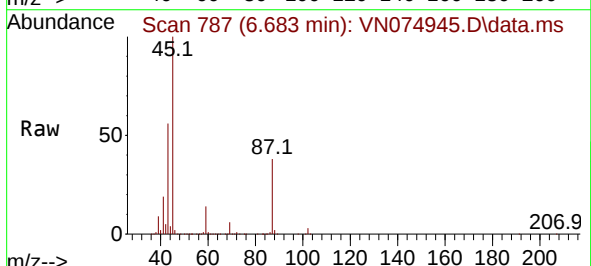
Manual Integrations
APPROVED

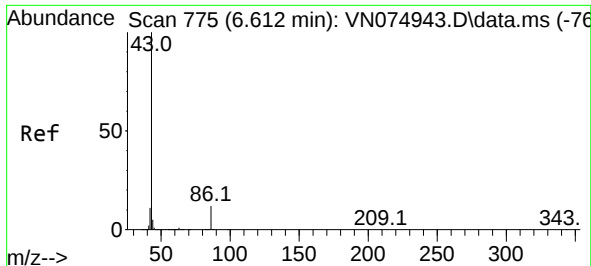
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#22
Diisopropyl ether
Concen: 123.692 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

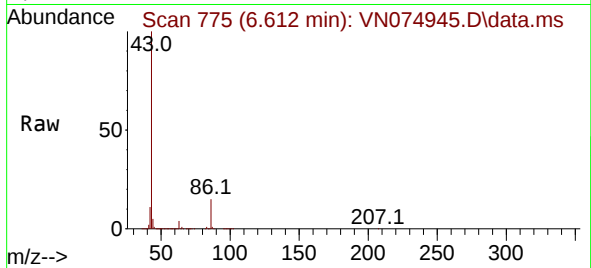
Tgt Ion: 45 Resp: 4061843
Ion Ratio Lower Upper
45 100
43 55.9 44.9 67.3
87 37.8 28.0 42.0
59 13.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 629.450 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28

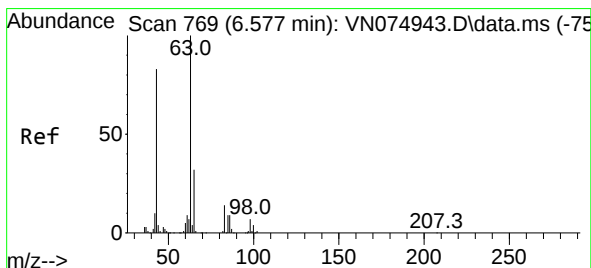
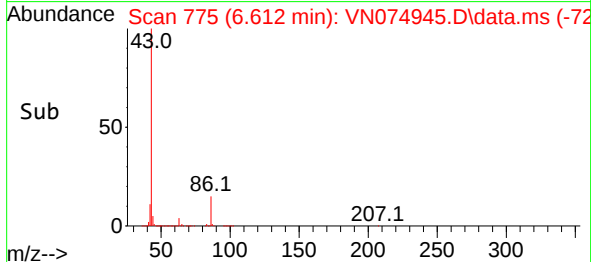
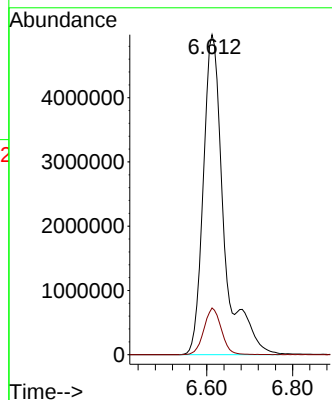
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 43 Resp:1660386
 Ion Ratio Lower Upper
 43 100
 86 14.6 9.4 14.0

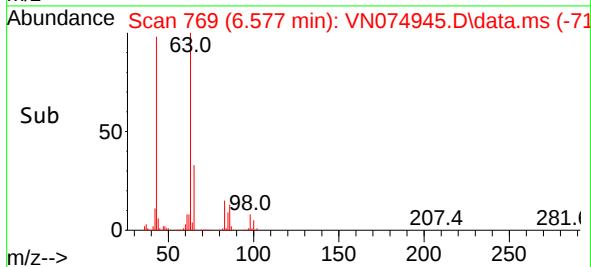
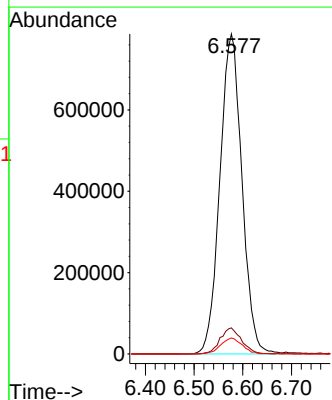
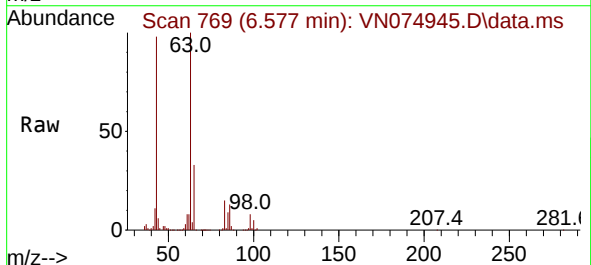
Manual Integrations
 APPROVED

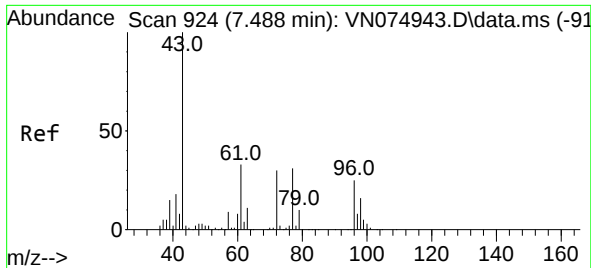
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#24
 1,1-Dichloroethane
 Concen: 128.881 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28

Tgt Ion: 63 Resp: 2475921
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 5.0 2.0 6.0





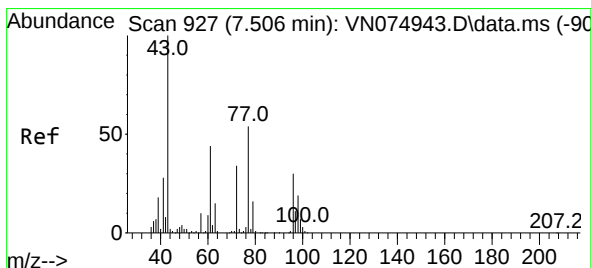
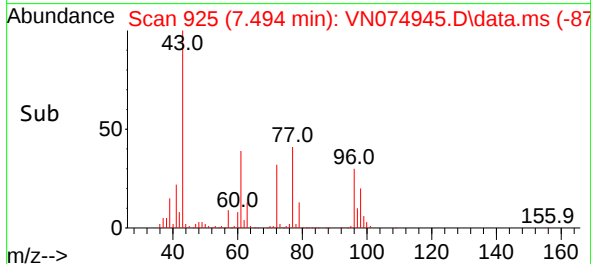
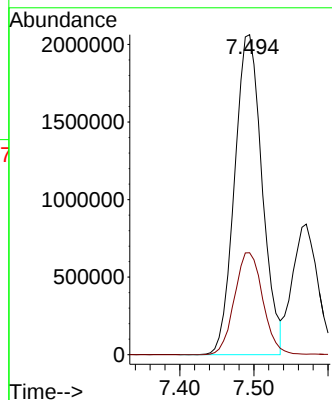
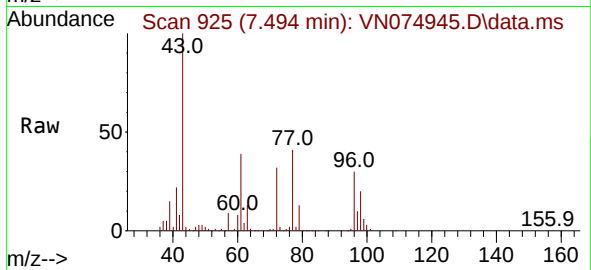
#25
2-Butanone
Concen: 551.819 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 533078
Ion Ratio Lower Upper
43 100
72 31.8 23.9 35.9

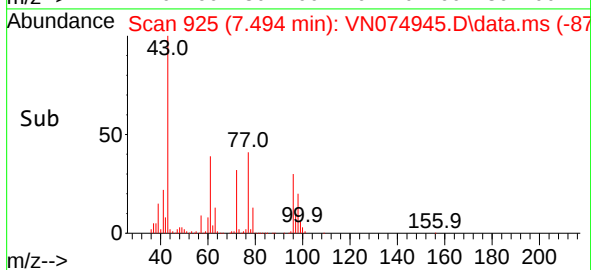
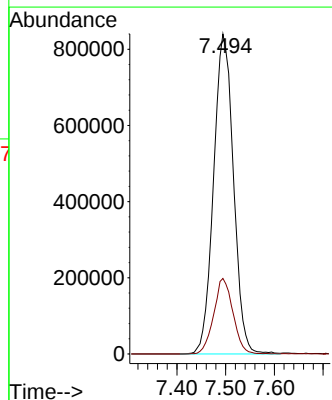
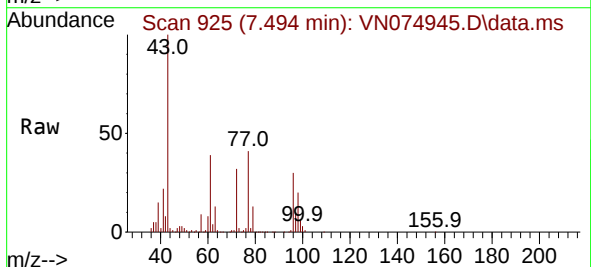
Manual Integrations
APPROVED

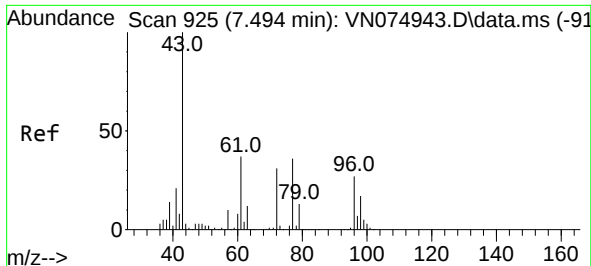
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
2,2-Dichloropropane
Concen: 156.334 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Tgt Ion: 77 Resp: 2385514
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 141.916 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 165805

Ion Ratio Lower Upper

96 100

61 133.1 0.0 277.8

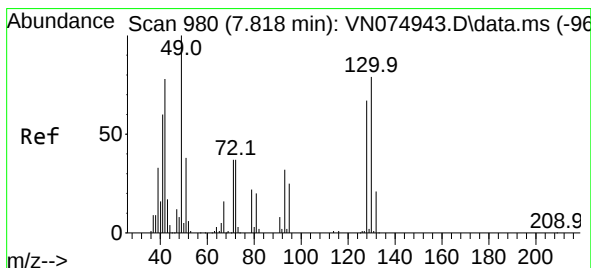
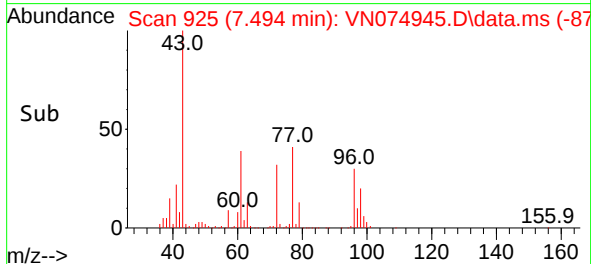
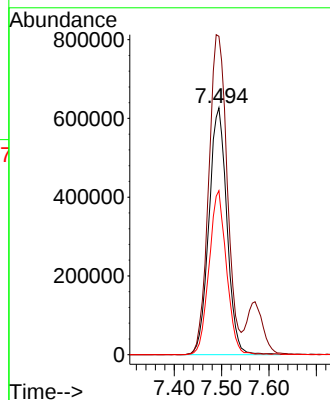
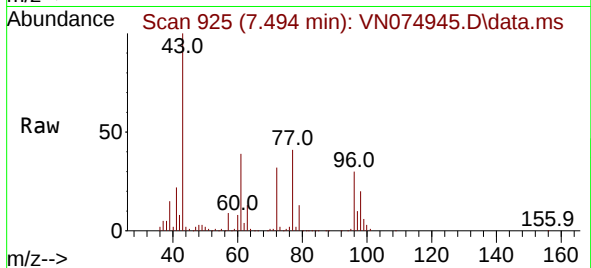
98 64.3 0.0 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#28

Bromochloromethane

Concen: 129.211 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

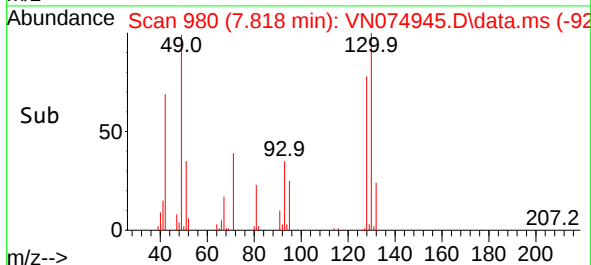
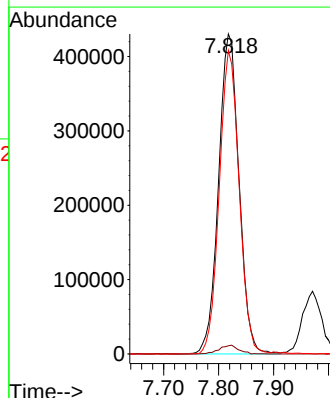
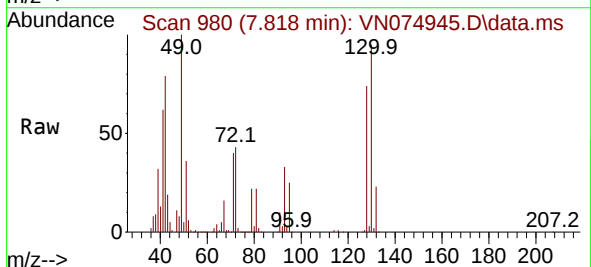
Tgt Ion: 49 Resp: 1113823

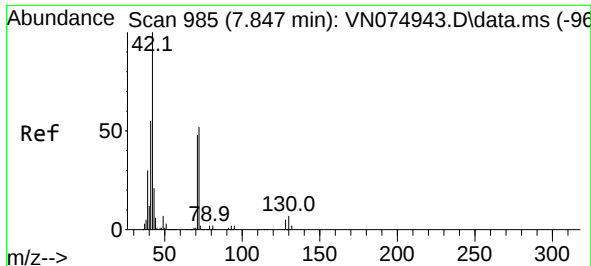
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 91.8 64.4 96.6





#29

Tetrahydrofuran

Concen: 533.206 ug/l

RT: 7.847 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 346089

Ion Ratio Lower Upper

42 100

72 55.2 42.2 63.4

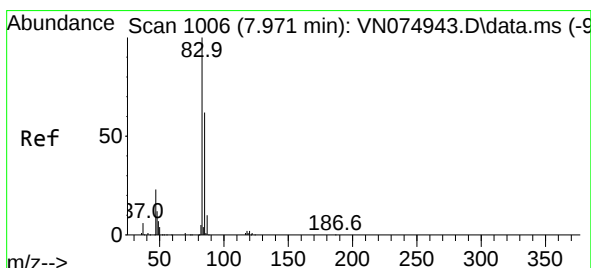
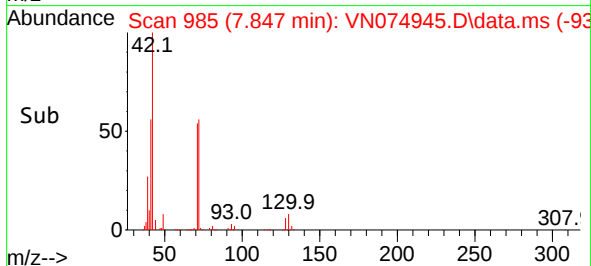
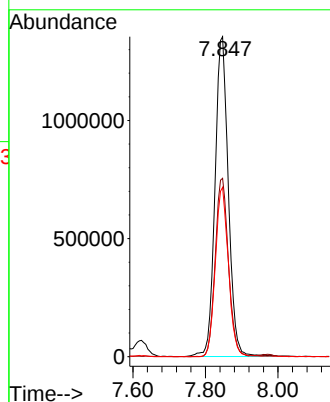
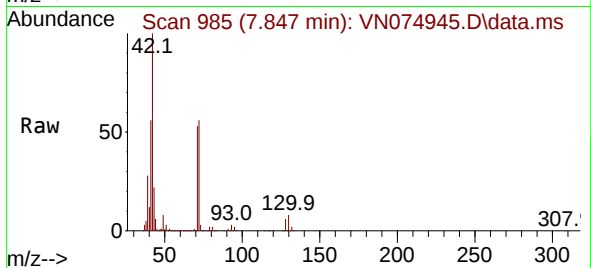
71 52.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 140.737 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN074945.D

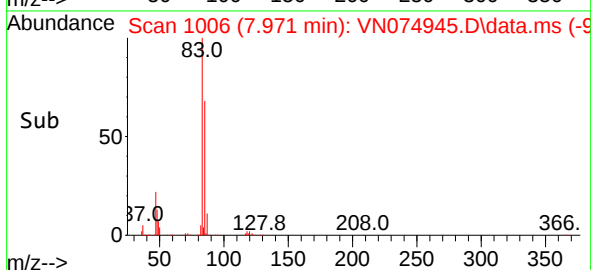
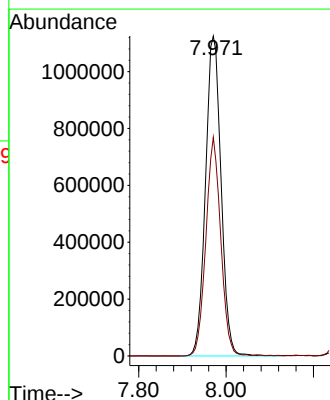
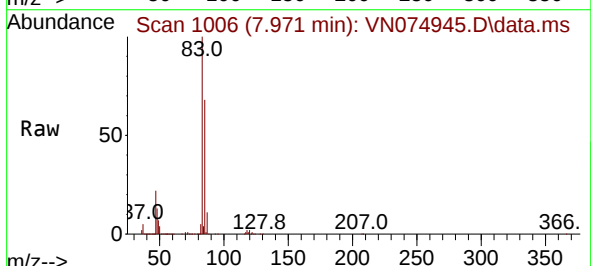
Acq: 20 Oct 2022 16:28

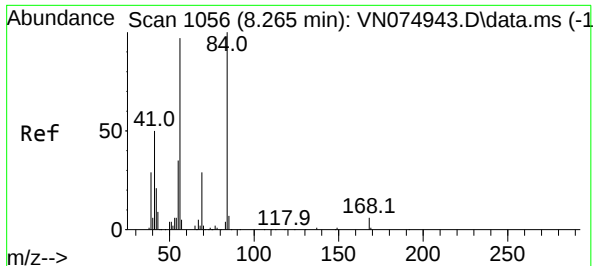
Tgt Ion: 83 Resp: 2786702

Ion Ratio Lower Upper

83 100

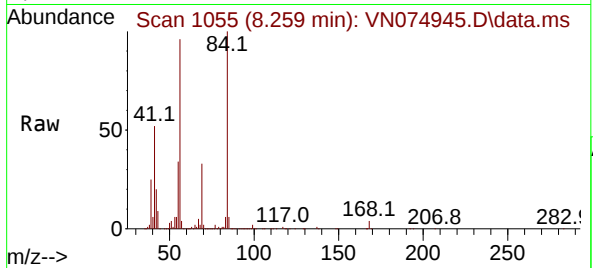
85 68.4 49.9 74.9





#31
Cyclohexane
Concen: 114.277 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

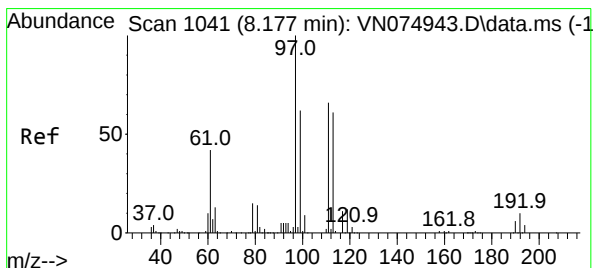
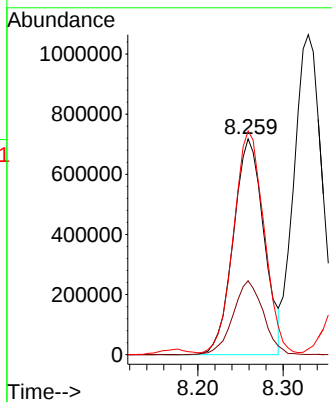
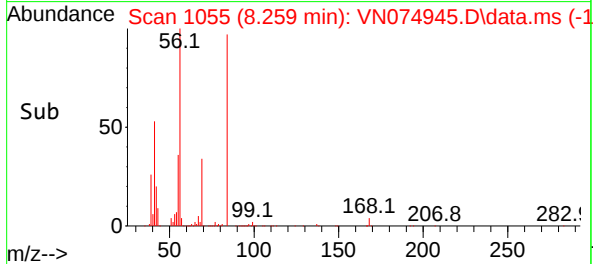
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



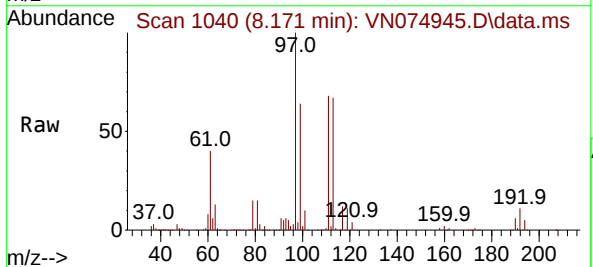
Tgt Ion: 56 Resp: 179726
Ion Ratio Lower Upper
56 100
69 34.3 24.2 36.2
84 101.1 82.8 124.2

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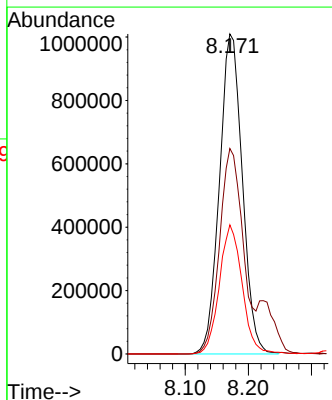
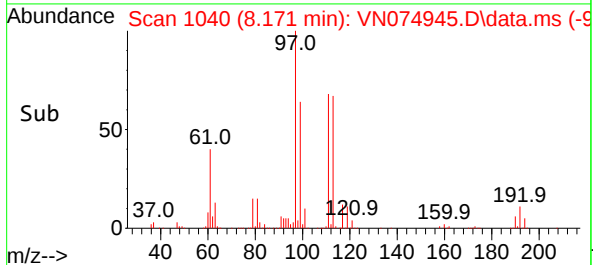
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

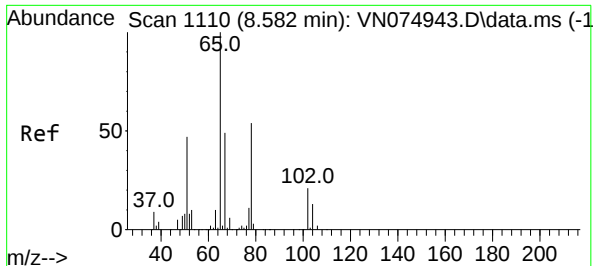


#32
1,1,1-Trichloroethane
Concen: 151.622 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



Tgt Ion: 97 Resp: 2544007
Ion Ratio Lower Upper
97 100
99 66.2 53.0 79.4
61 40.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 147.036 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 188072

Ion Ratio Lower Upper

65 100

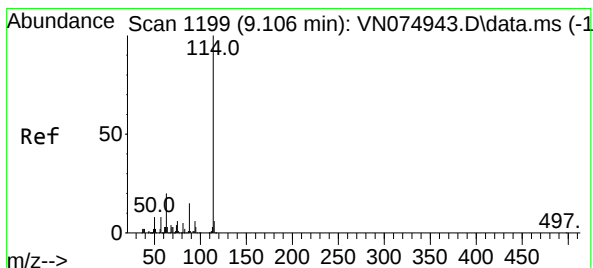
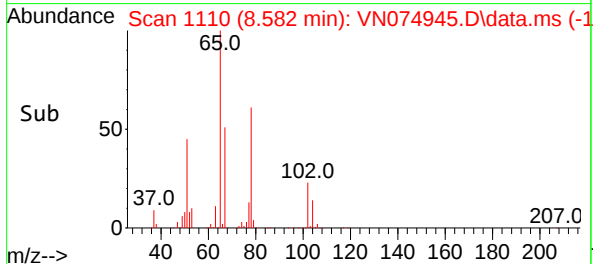
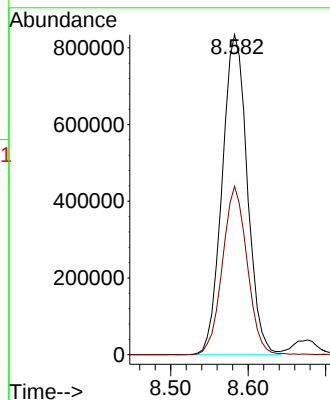
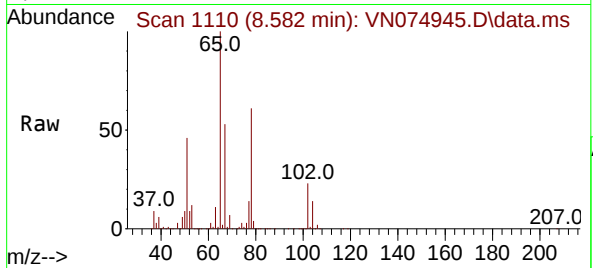
67 51.8 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

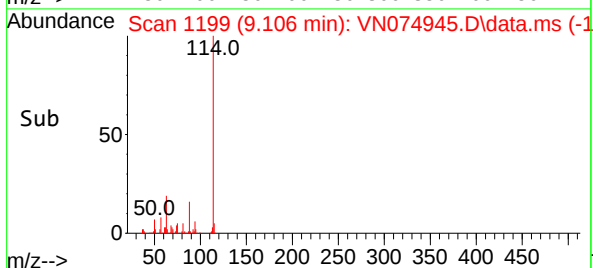
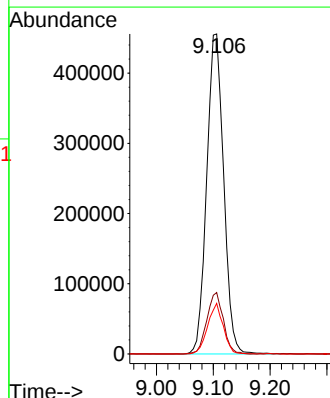
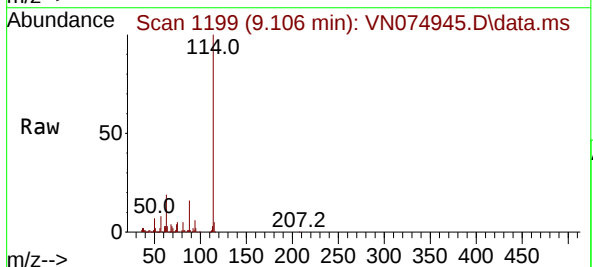
Tgt Ion:114 Resp: 942515

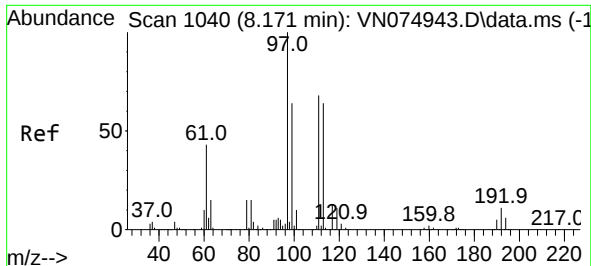
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.8

88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 157.461 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 162195

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

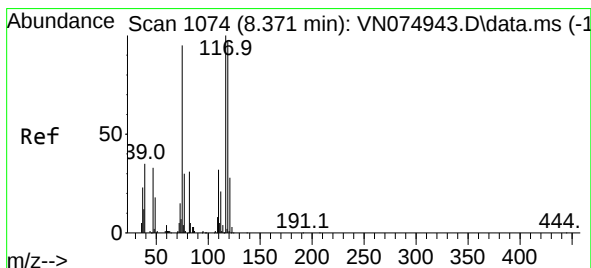
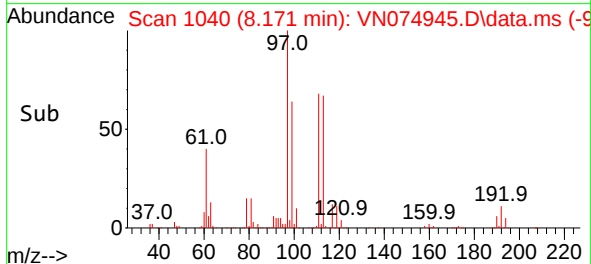
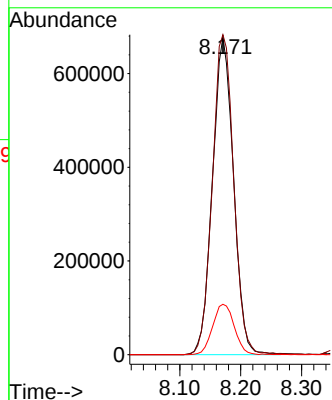
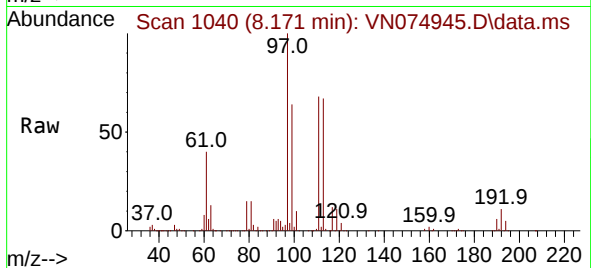
192 16.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#36

1,1-Dichloropropene

Concen: 130.641 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

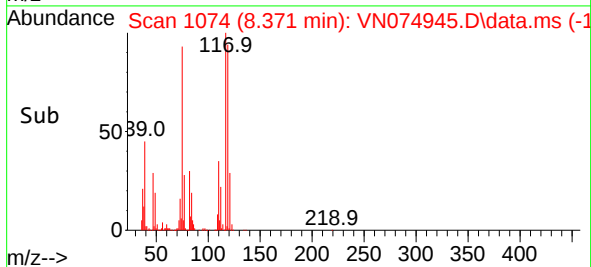
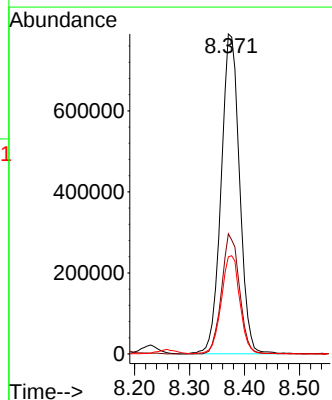
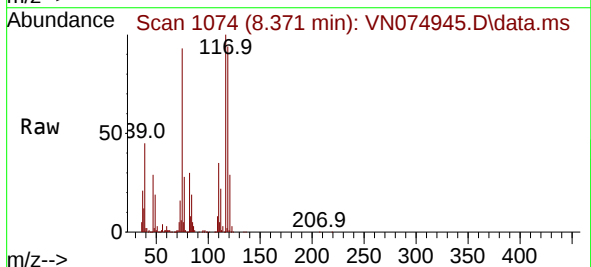
Tgt Ion: 75 Resp: 1836849

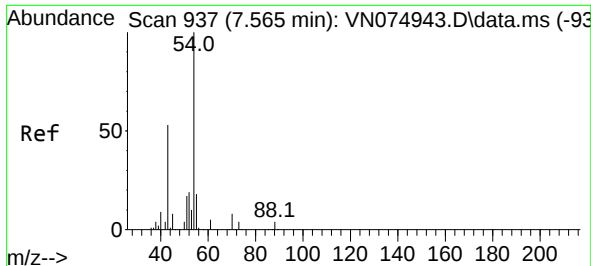
Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

77 30.7 25.0 37.4





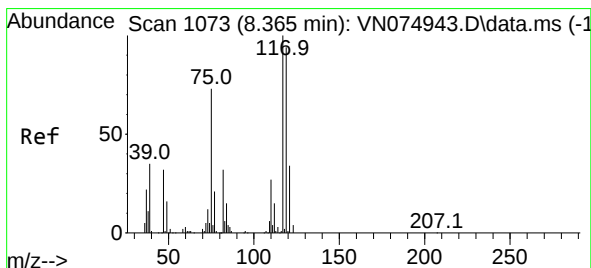
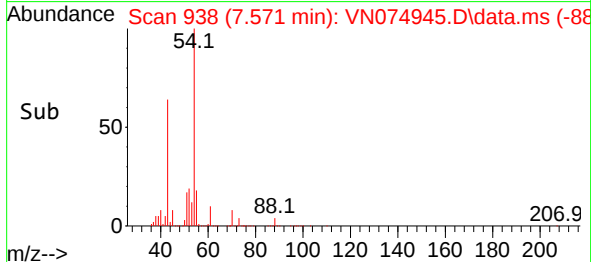
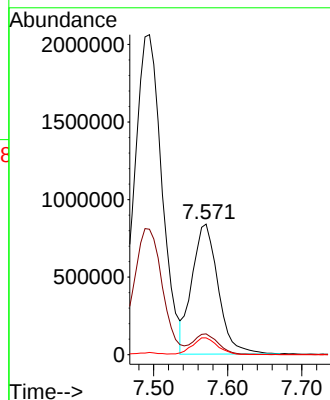
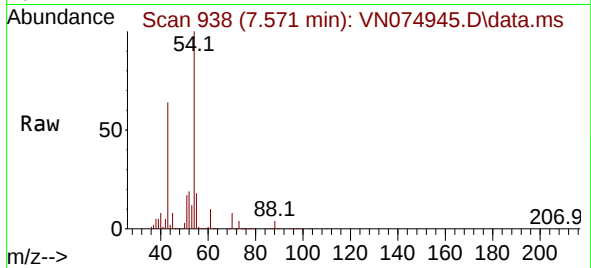
#37
Ethyl Acetate
Concen: 109.070 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 205828
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.4 9.2 13.8

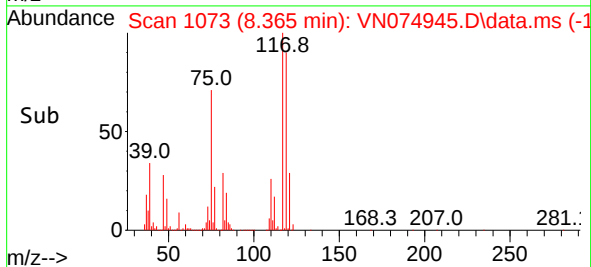
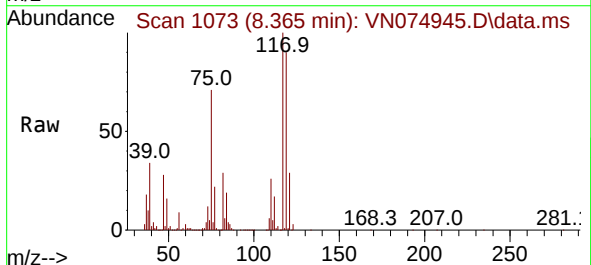
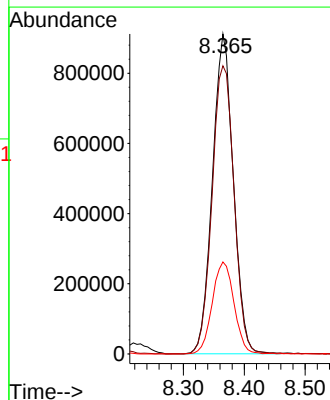
Manual Integrations
APPROVED

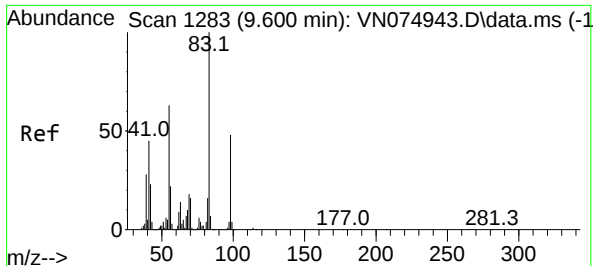
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#38
Carbon Tetrachloride
Concen: 155.225 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Tgt Ion:117 Resp: 2171309
Ion Ratio Lower Upper
117 100
119 90.1 75.2 112.8
121 28.8 27.0 40.6





#39

Methylcyclohexane

Concen: 141.898 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 2269870

Ion Ratio Lower Upper

83 100

55 65.1 50.8 76.2

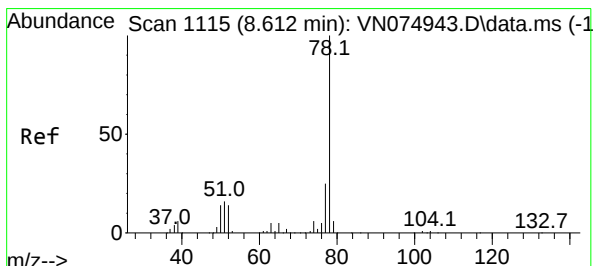
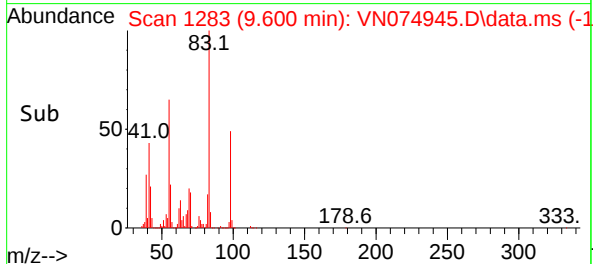
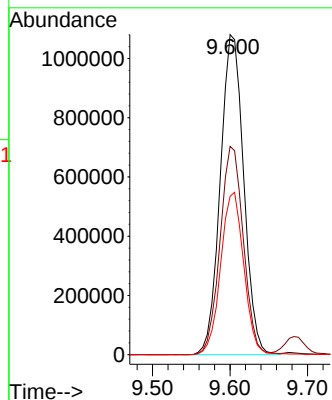
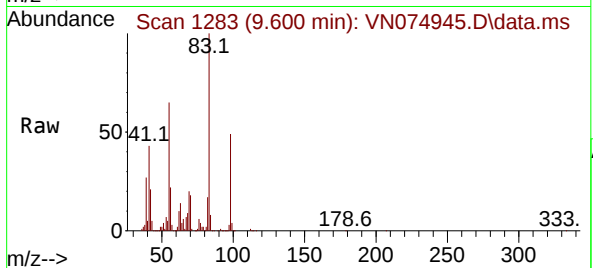
98 49.5 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 126.856 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN074945.D

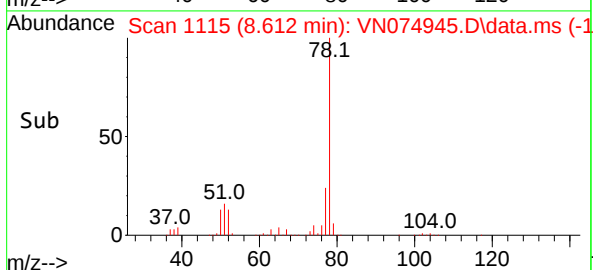
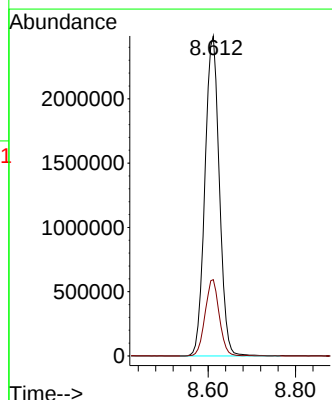
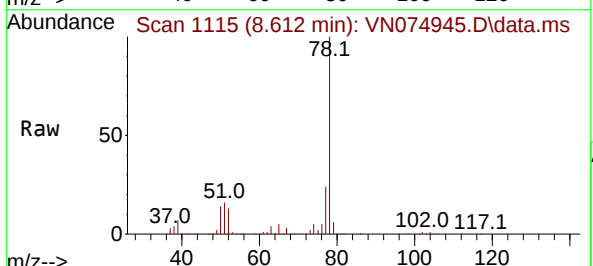
Acq: 20 Oct 2022 16:28

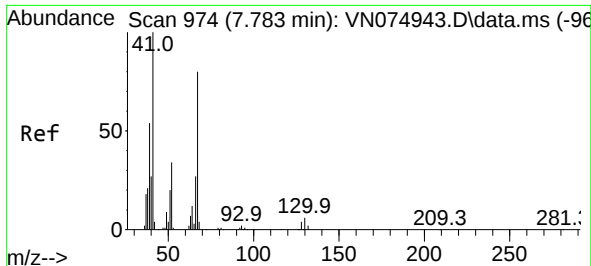
Tgt Ion: 78 Resp: 5717378

Ion Ratio Lower Upper

78 100

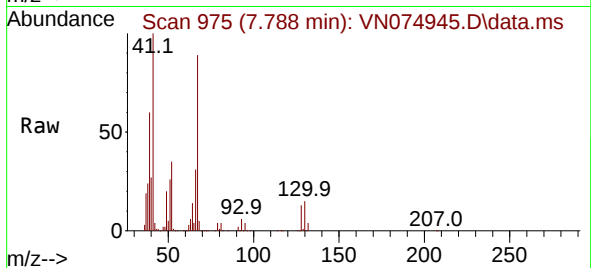
77 23.8 19.6 29.4





#41
Methacrylonitrile
Concen: 110.606 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

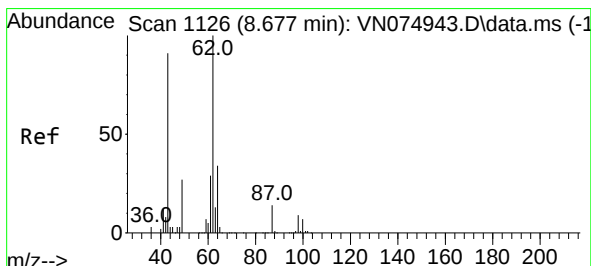
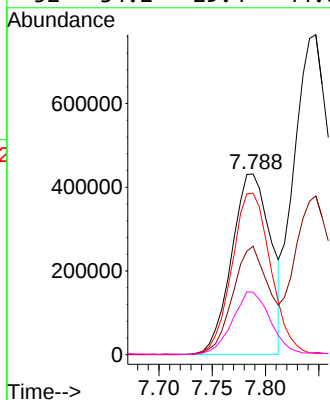
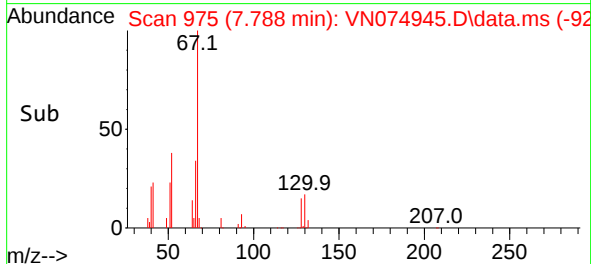
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



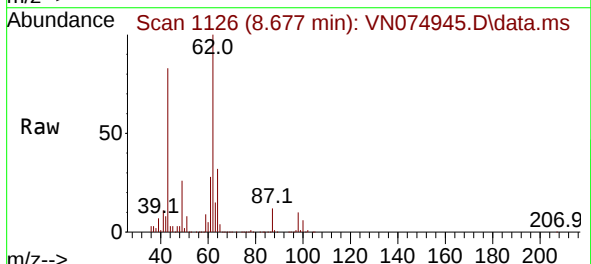
Tgt Ion: 41 Resp: 109716
Ion Ratio Lower Upper
41 100
39 56.2 47.9 71.9
67 89.9 70.8 106.2
52 34.2 29.4 44.0

Manual Integrations
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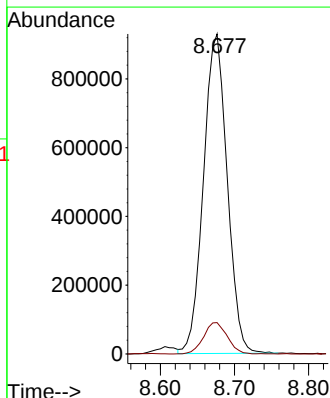
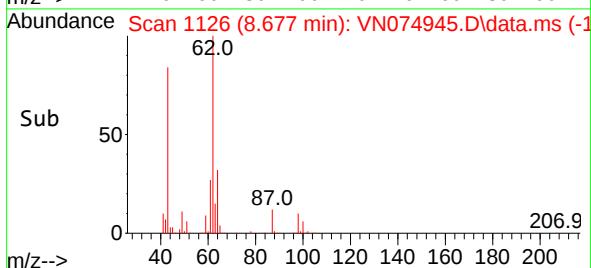
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

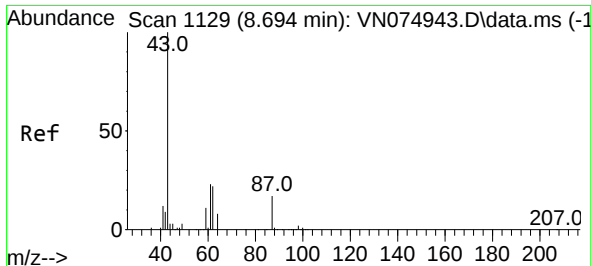


#42
1,2-Dichloroethane
Concen: 136.982 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



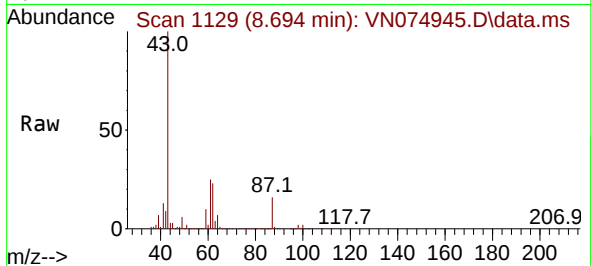
Tgt Ion: 62 Resp: 2066952
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.8





#43
Isopropyl Acetate
Concen: 109.883 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

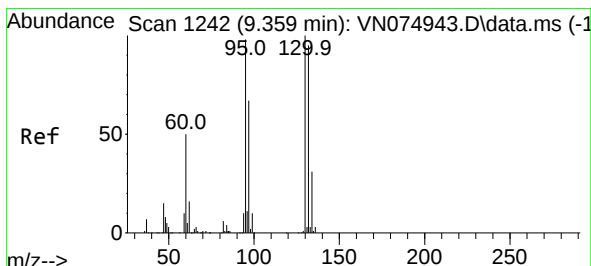
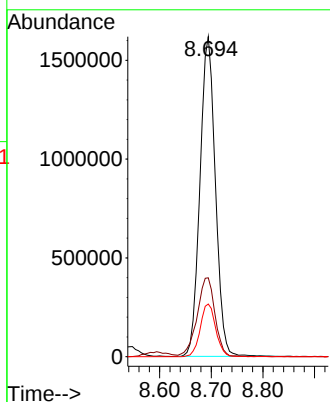
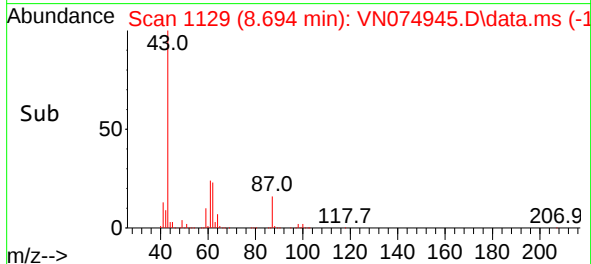
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 335348
Ion Ratio Lower Upper
43 100
61 28.6 22.3 33.5
87 16.5 12.8 19.2

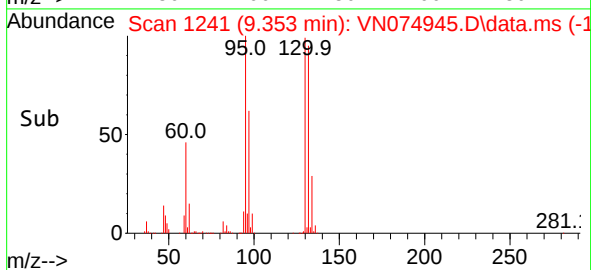
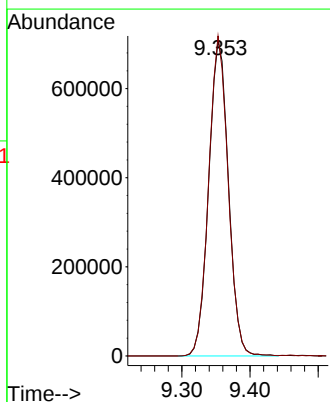
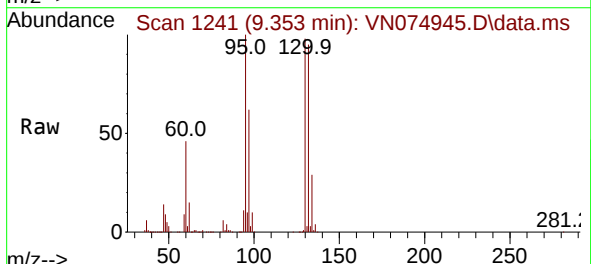
Manual Integrations
APPROVED

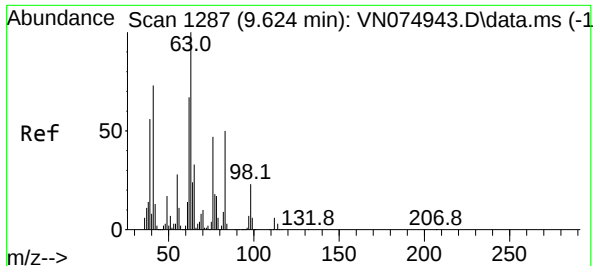
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#44
Trichloroethene
Concen: 140.291 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Tgt Ion:130 Resp: 1428268
Ion Ratio Lower Upper
130 100
95 101.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 120.148 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 1465778

Ion Ratio Lower Upper

63 100

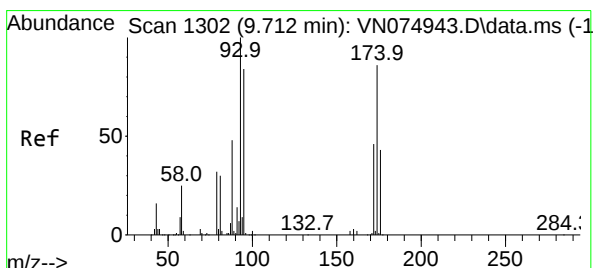
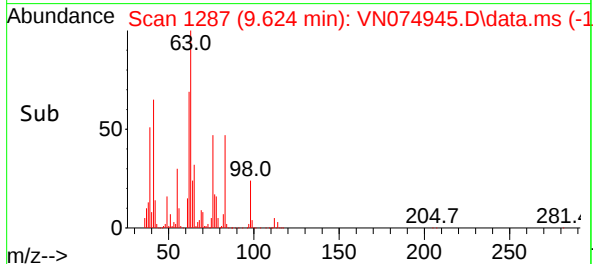
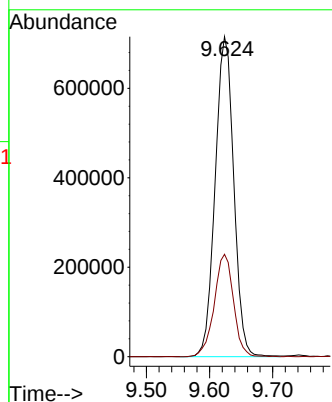
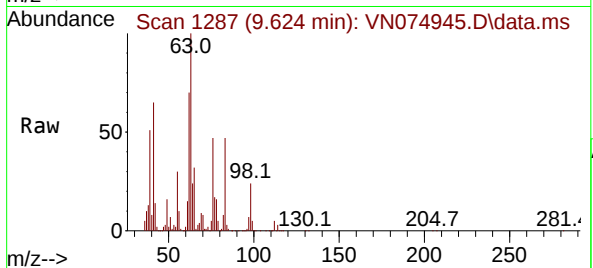
65 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 144.355 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

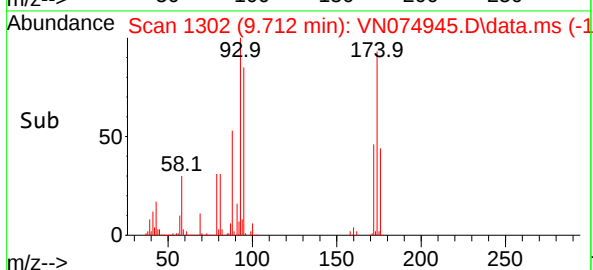
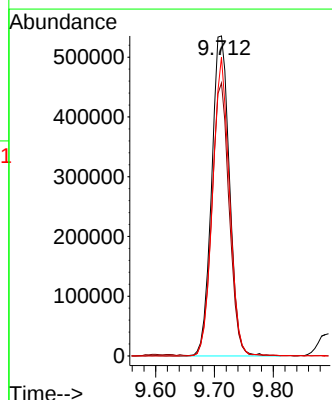
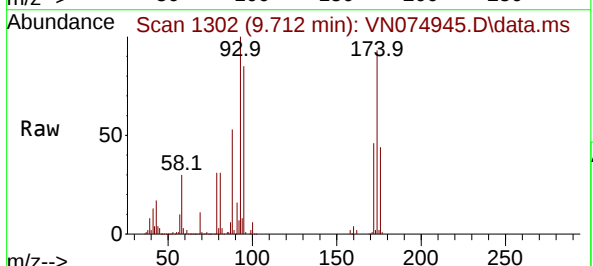
Tgt Ion: 93 Resp: 1130732

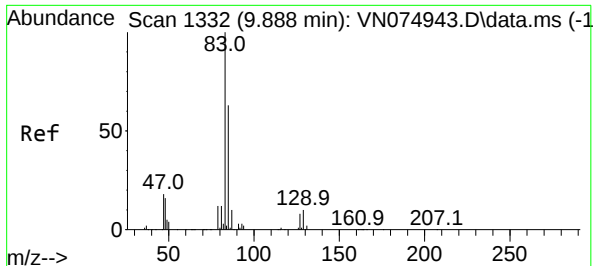
Ion Ratio Lower Upper

93 100

95 82.2 66.0 99.0

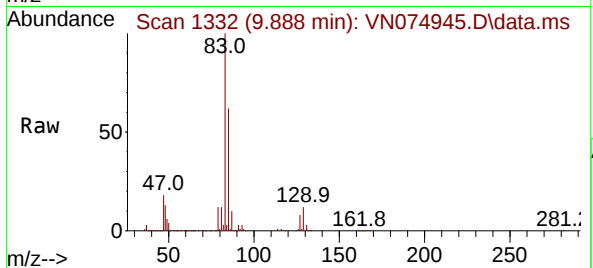
174 87.9 68.8 103.2





#47
Bromodichloromethane
Concen: 144.773 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

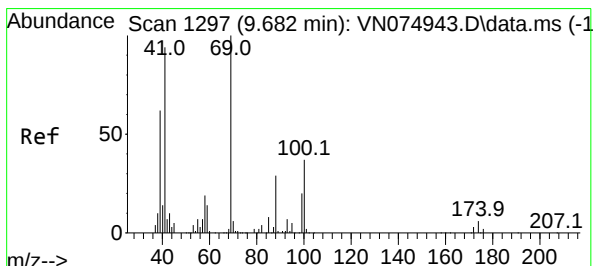
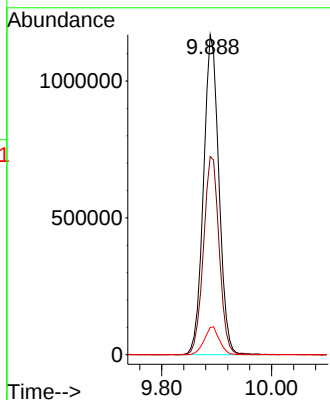
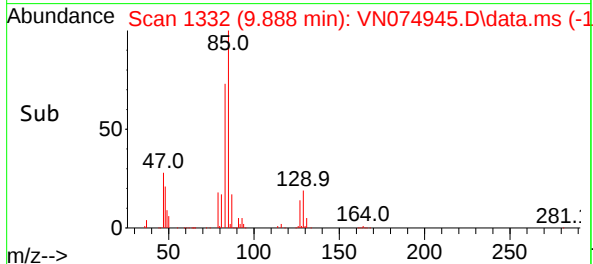
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



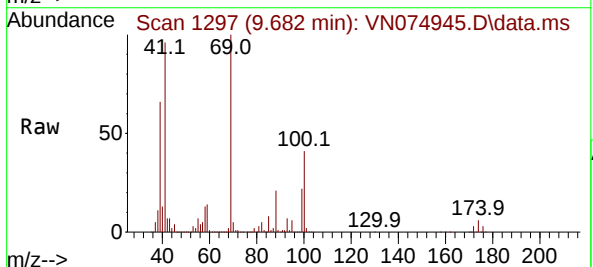
Tgt Ion: 83 Resp: 2275158
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.5 6.5 9.7

Manual Integrations
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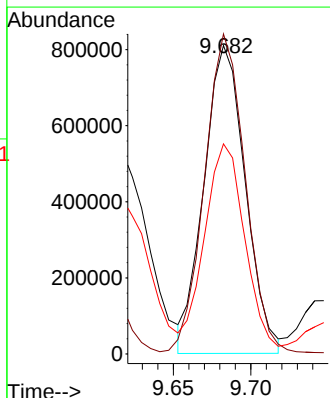
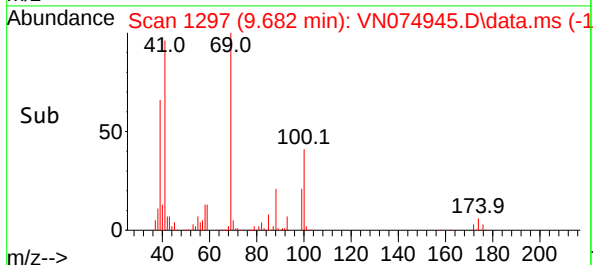
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

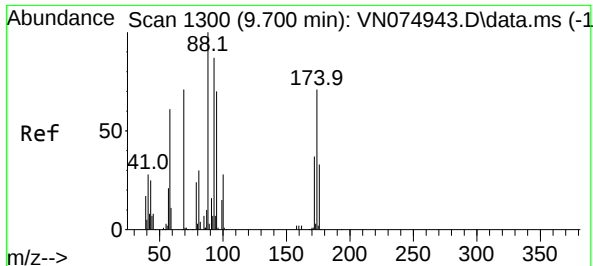


#48
Methyl methacrylate
Concen: 109.838 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



Tgt Ion: 41 Resp: 1499838
Ion Ratio Lower Upper
41 100
69 103.2 79.7 119.5
39 67.1 55.1 82.7





#49

1,4-Dioxane

Concen: 2882.396 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

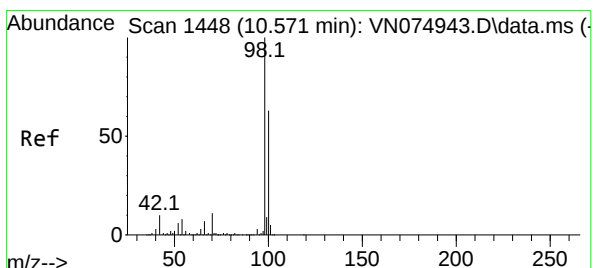
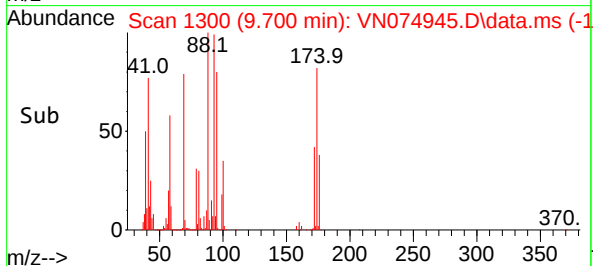
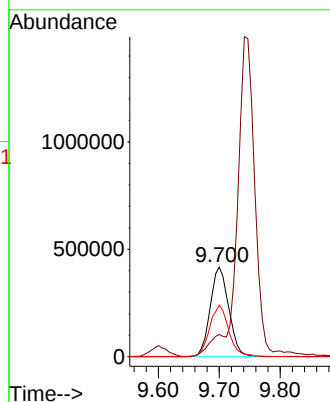
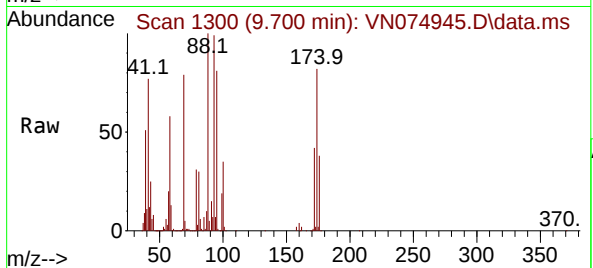
Tgt Ion: 88 Resp: 883011
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.1 31.7
 58 59.1 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 159.005 ug/l

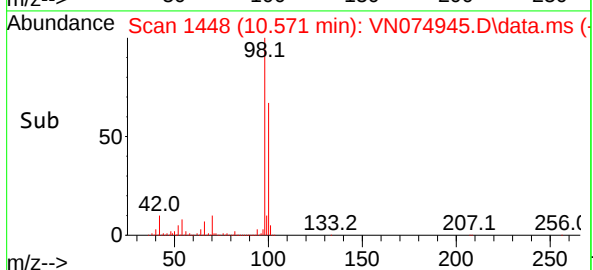
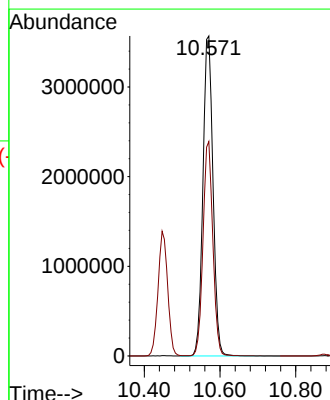
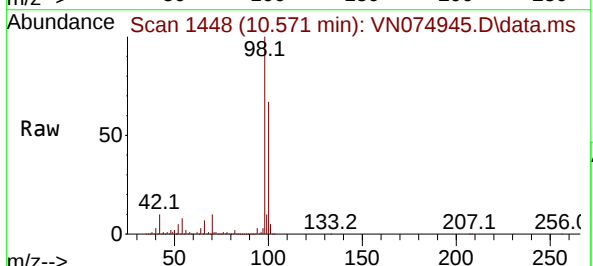
RT: 10.571 min Scan# 1448

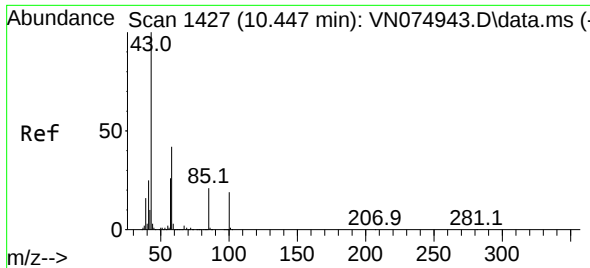
Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Tgt Ion: 98 Resp: 6563346
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.4 77.2





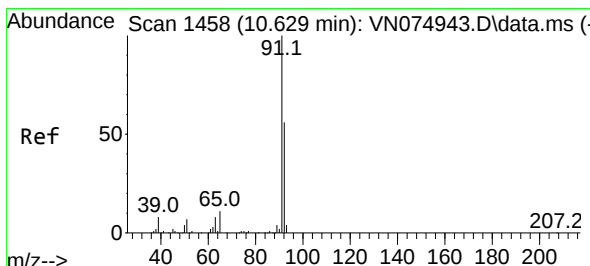
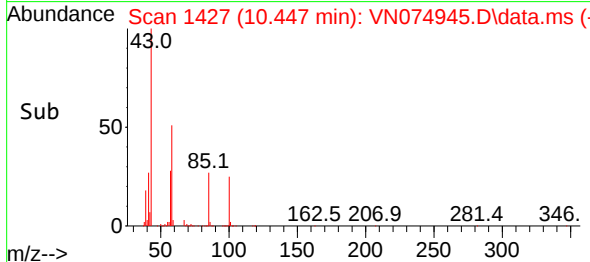
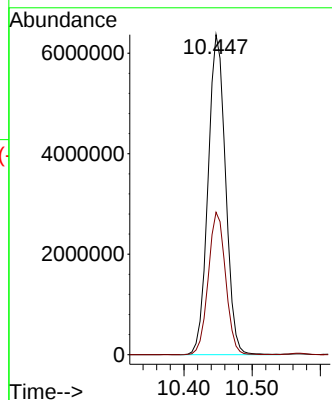
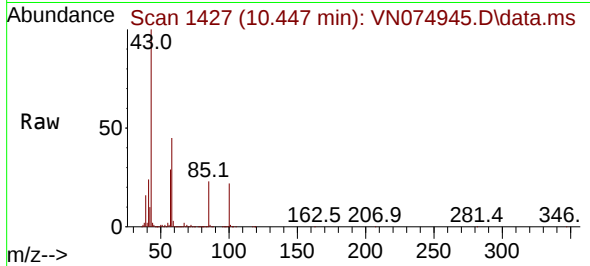
#51
4-Methyl-2-Pentanone
Concen: 575.576 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp:11365409
Ion Ratio Lower Upper
43 100
58 44.2 33.6 50.4

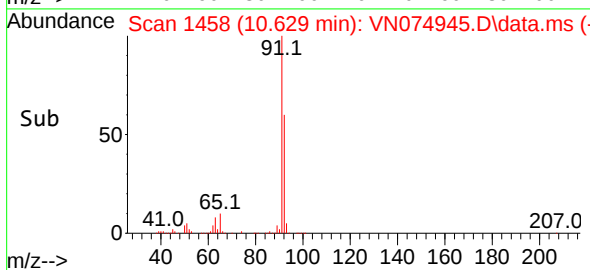
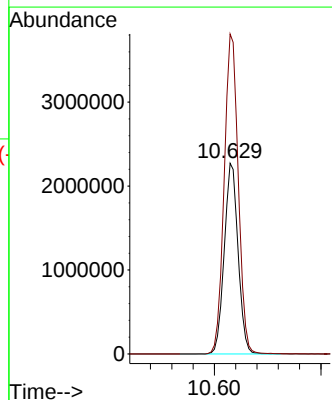
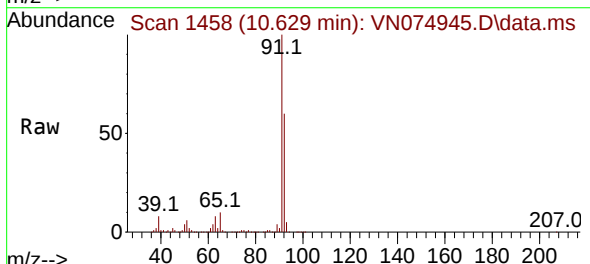
Manual Integrations
APPROVED

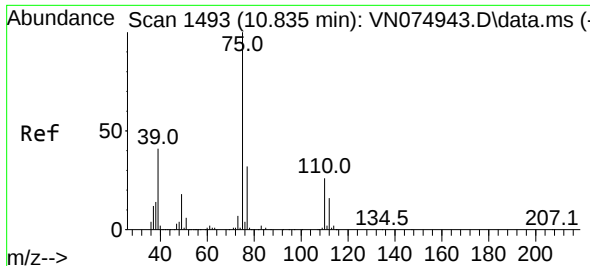
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 147.383 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Tgt Ion: 92 Resp: 4088500
Ion Ratio Lower Upper
92 100
91 171.0 139.2 208.8





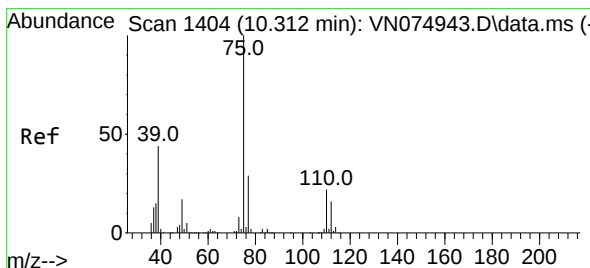
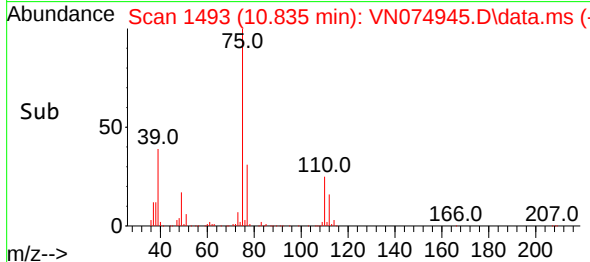
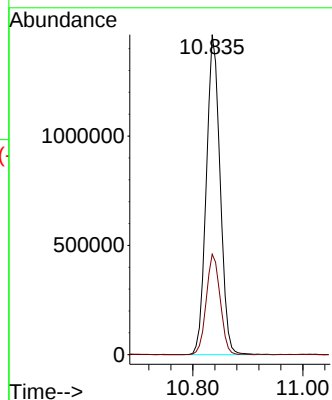
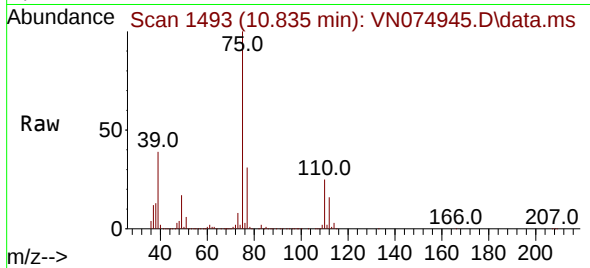
#53
t-1,3-Dichloropropene
Concen: 158.138 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 2549969
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

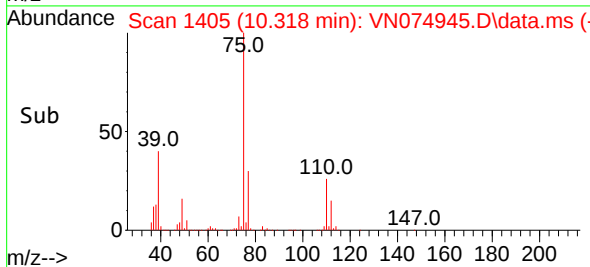
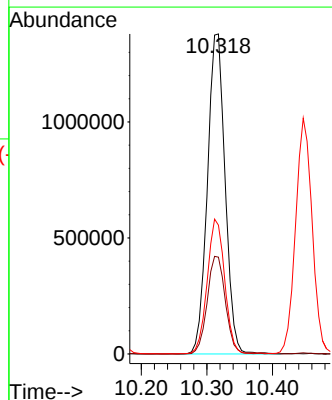
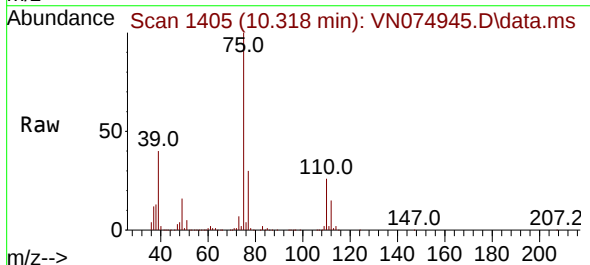
Manual Integrations
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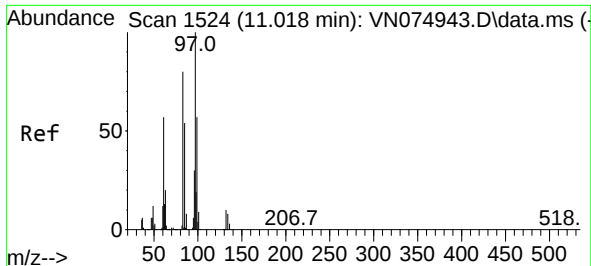
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#54
cis-1,3-Dichloropropene
Concen: 148.899 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

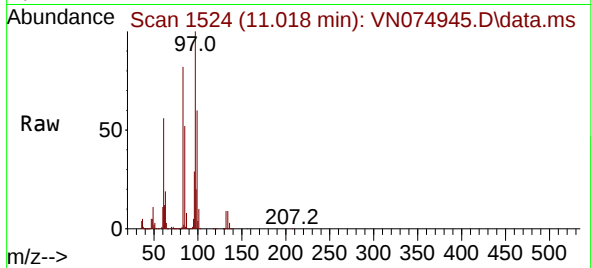
Tgt Ion: 75 Resp: 2590748
Ion Ratio Lower Upper
75 100
77 30.2 23.5 35.3
39 40.1 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 149.573 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

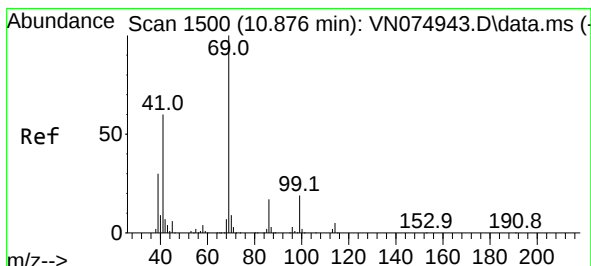
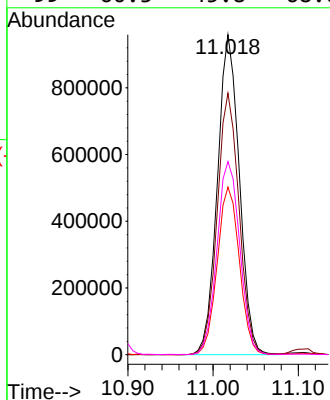
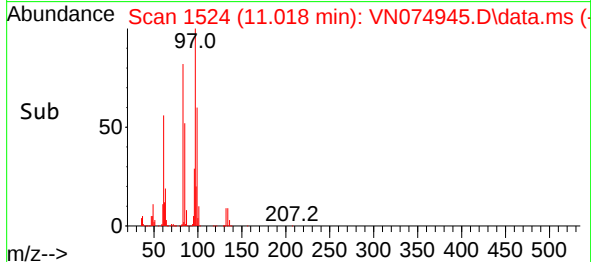


Tgt Ion: 97 Resp: 171797

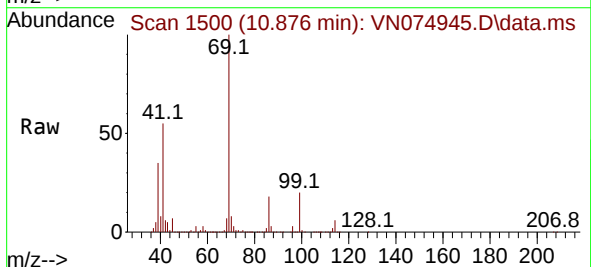
Ion	Ratio	Lower	Upper
97	100		
83	81.7	64.2	96.4
85	52.4	43.3	64.9
99	60.3	45.8	68.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

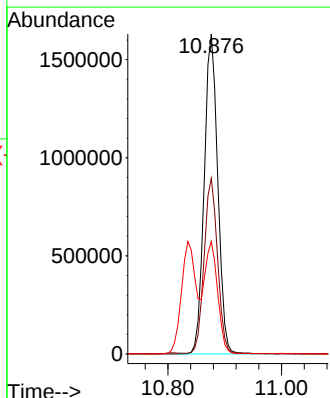
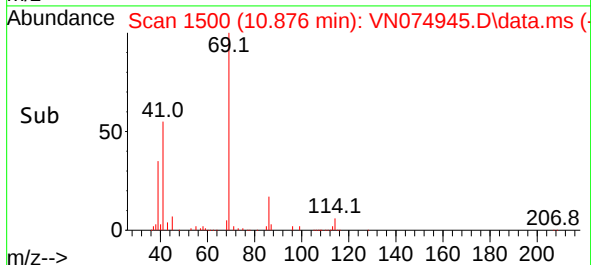


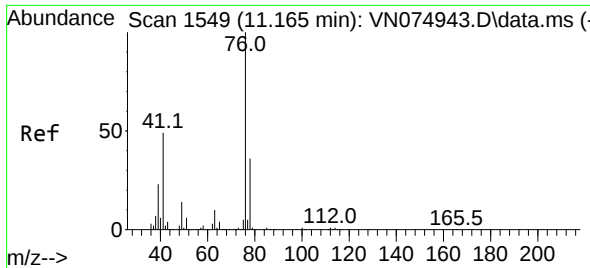
#56
Ethyl methacrylate
Concen: 147.074 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



Tgt Ion: 69 Resp: 2688512

Ion	Ratio	Lower	Upper
69	100		
41	54.3	45.1	67.7
39	32.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 135.492 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

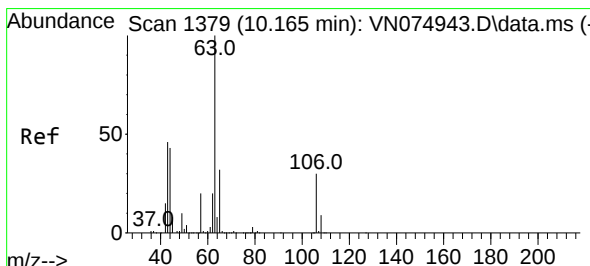
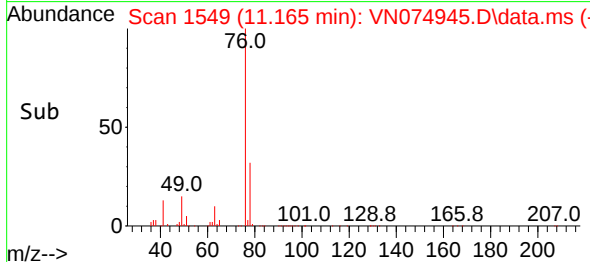
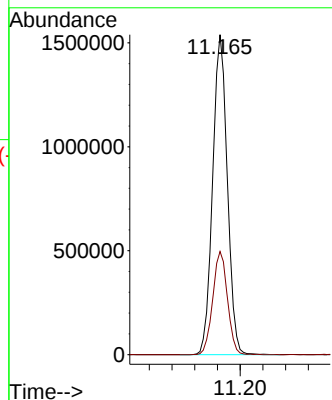
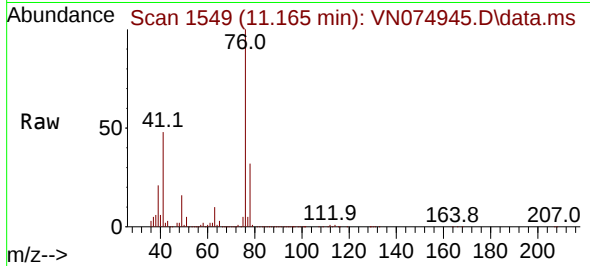
VSTDIC150

Tgt Ion: 76 Resp: 2746548
Ion Ratio Lower Upper
76 100
78 32.4 26.4 39.6

Manual Integrations

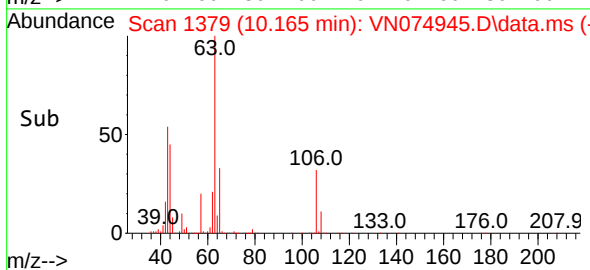
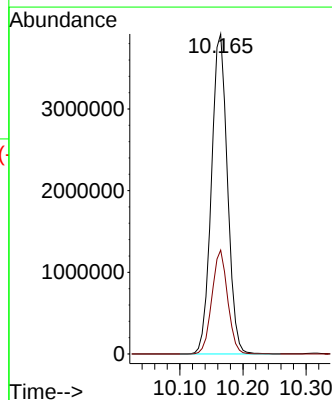
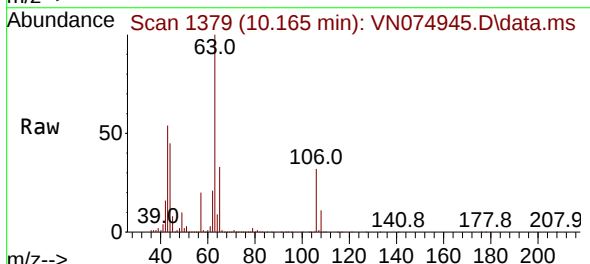
APPROVED

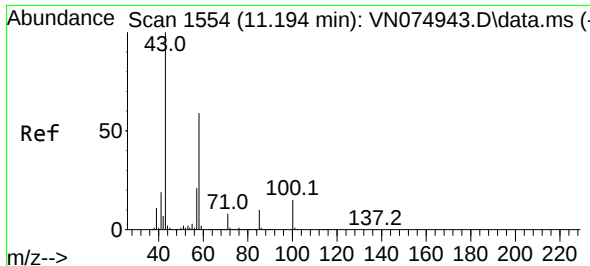
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 919.937 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

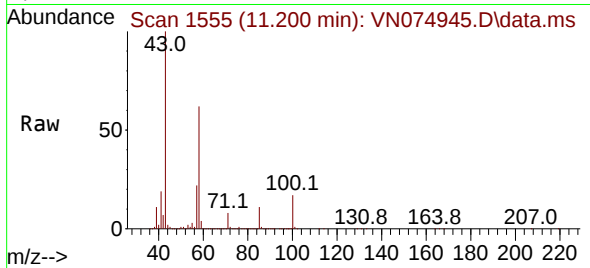
Tgt Ion: 63 Resp: 6901416
Ion Ratio Lower Upper
63 100
106 31.7 24.1 36.1





#59
2-Hexanone
Concen: 593.117 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

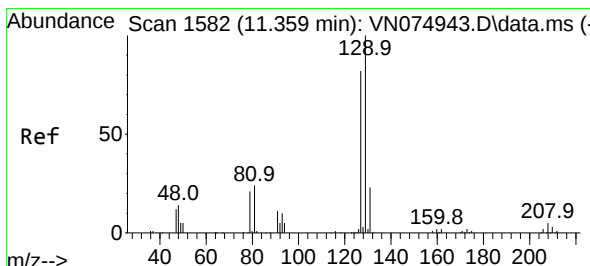
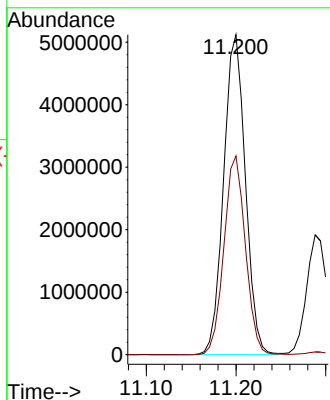
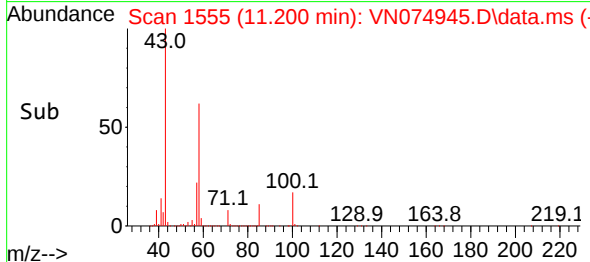
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 861338
Ion Ratio Lower Upper
43 100
58 61.4 29.5 88.5

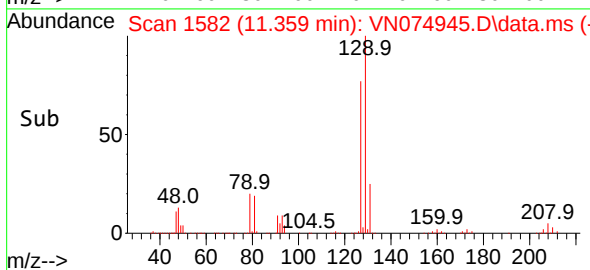
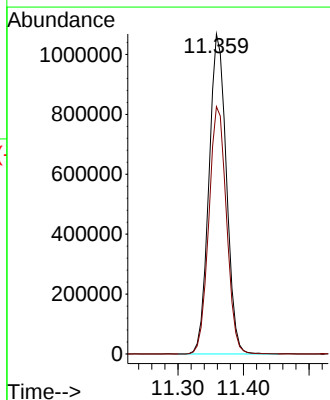
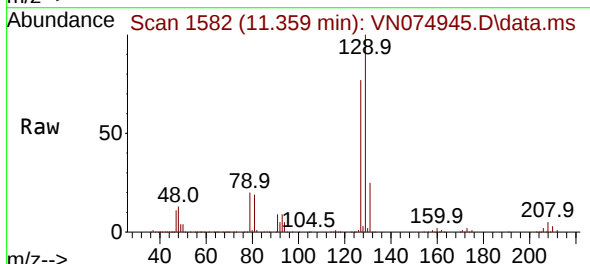
Manual Integrations
APPROVED

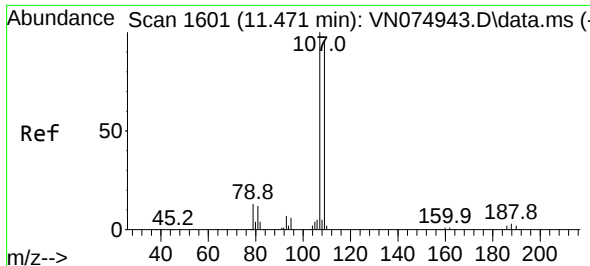
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 175.293 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

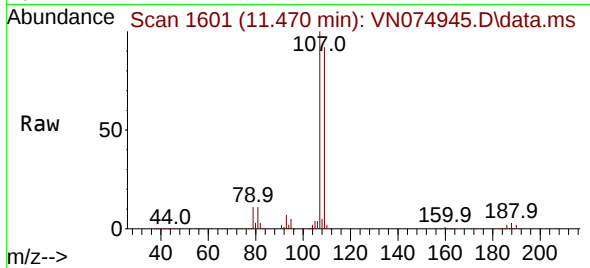
Tgt Ion:129 Resp: 1970230
Ion Ratio Lower Upper
129 100
127 78.3 39.0 116.9





#61
1,2-Dibromoethane
Concen: 158.171 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

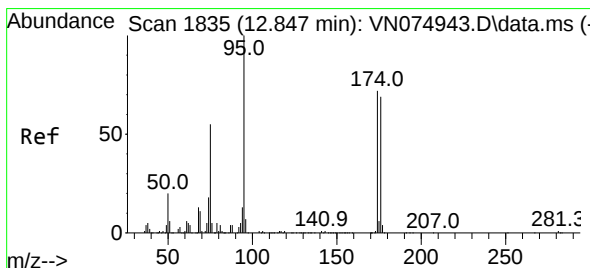
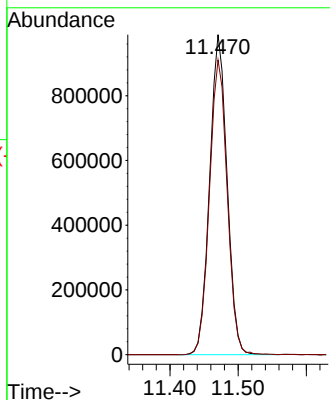
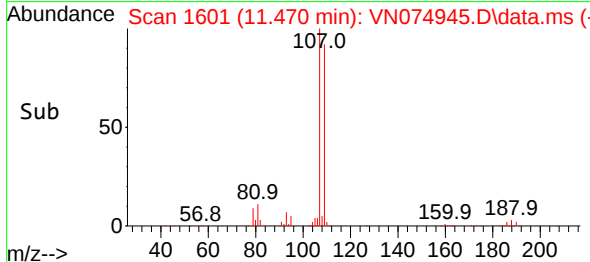
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



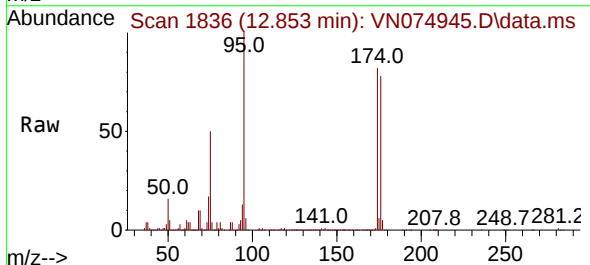
Tgt Ion:107 Resp: 1761270
Ion Ratio Lower Upper
107 100
109 93.7 75.5 113.3

Manual Integrations
APPROVED

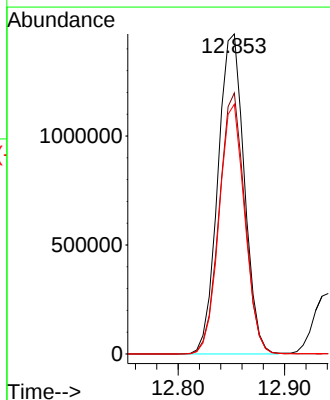
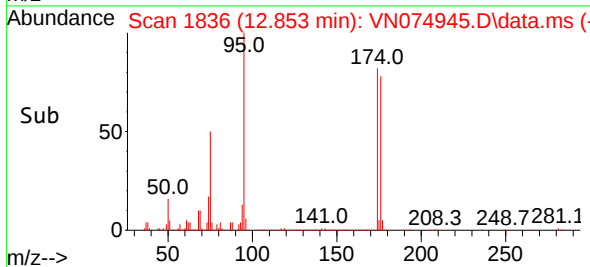
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

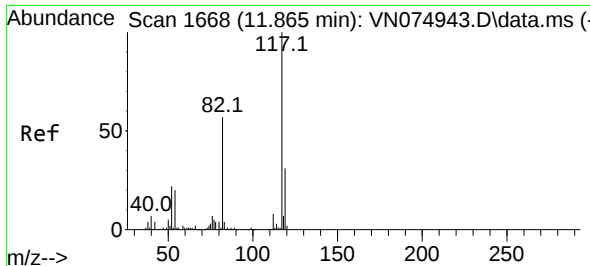


#62
4-Bromofluorobenzene
Concen: 212.633 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



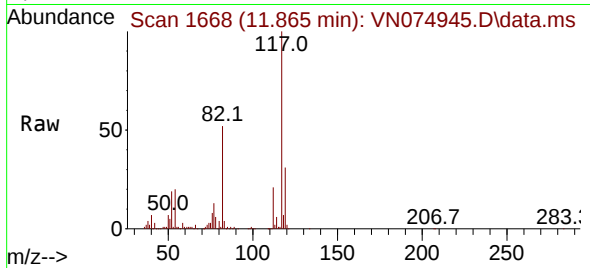
Tgt Ion: 95 Resp: 2523410
Ion Ratio Lower Upper
95 100
174 79.2 0.0 143.0
176 76.0 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

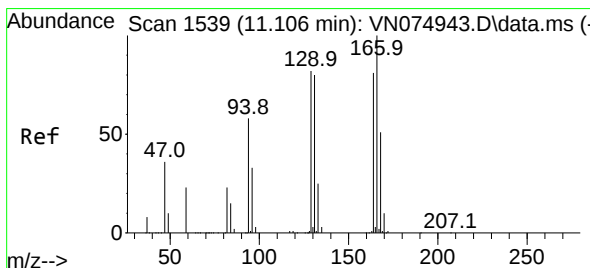
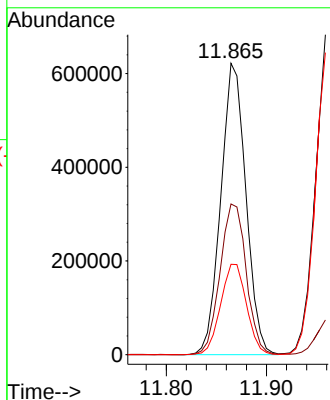
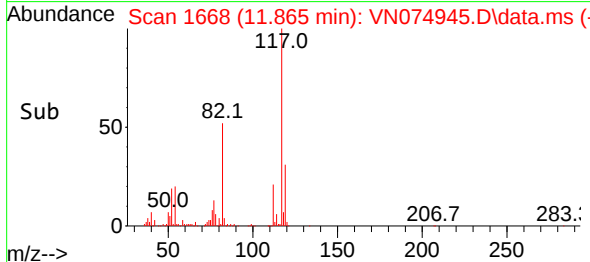
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 108319
Ion Ratio Lower Upper
117 100
82 51.7 45.6 68.4
119 31.0 25.1 37.7

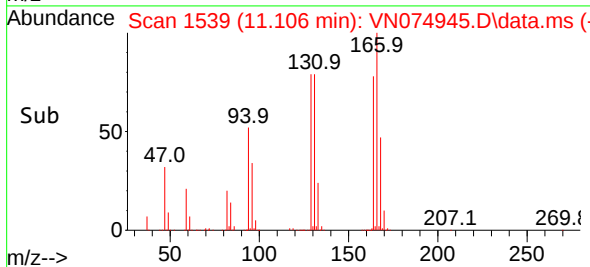
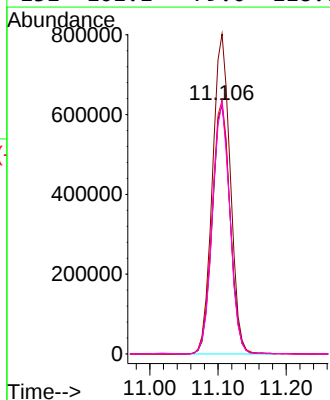
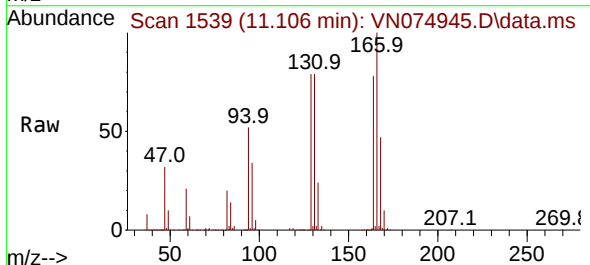
Manual Integrations
APPROVED

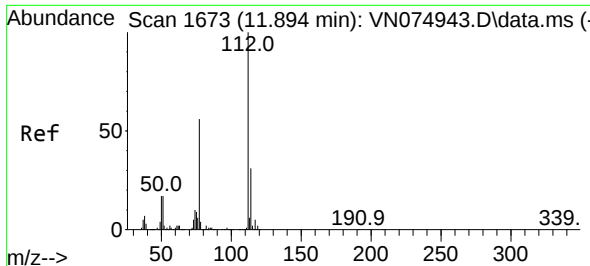
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#64
Tetrachloroethene
Concen: 126.208 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

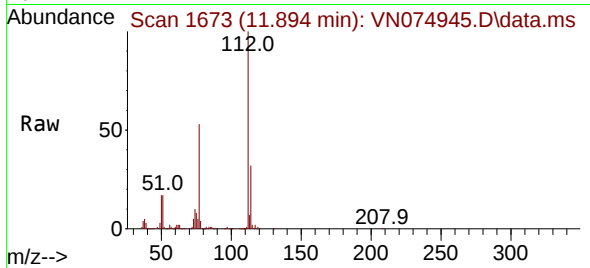
Tgt Ion:164 Resp: 1136732
Ion Ratio Lower Upper
164 100
166 128.6 98.6 148.0
129 101.9 81.2 121.8
131 101.1 79.0 118.6





#65
Chlorobenzene
Concen: 145.761 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

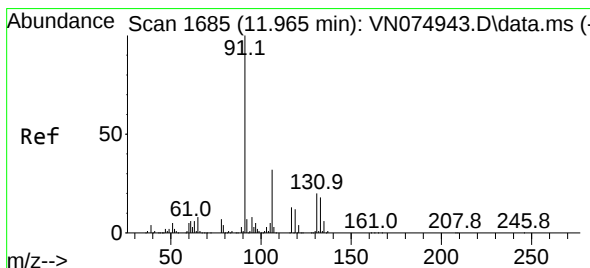
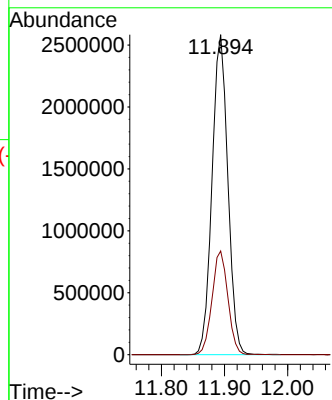
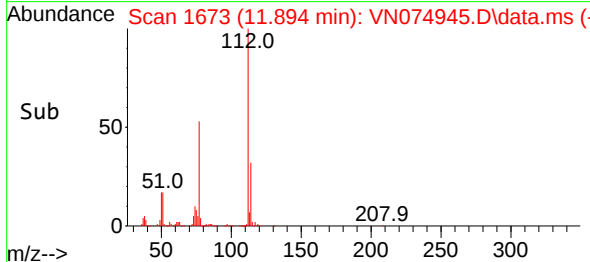
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



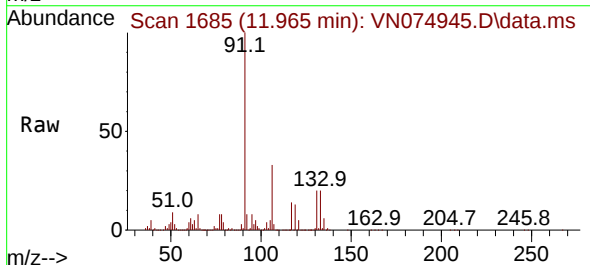
Tgt Ion:112 Resp: 448248
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6

Manual Integrations
APPROVED

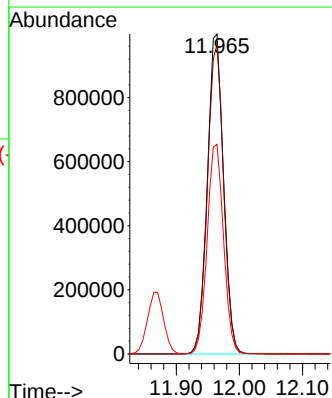
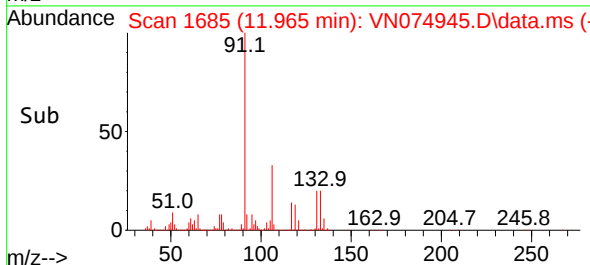
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

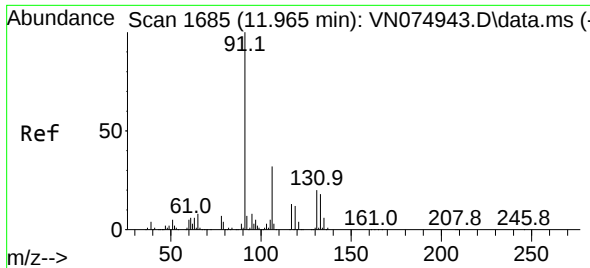


#66
1,1,1,2-Tetrachloroethane
Concen: 156.555 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



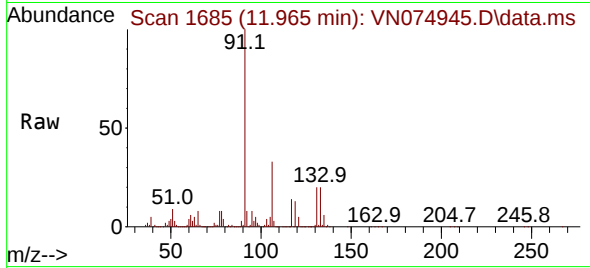
Tgt Ion:131 Resp: 1783756
Ion Ratio Lower Upper
131 100
133 96.6 46.6 139.7
119 66.3 32.4 97.0





#67
Ethyl Benzene
Concen: 149.970 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

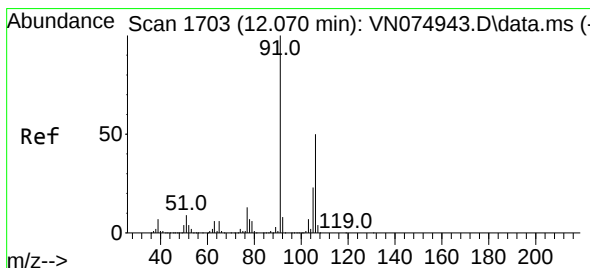
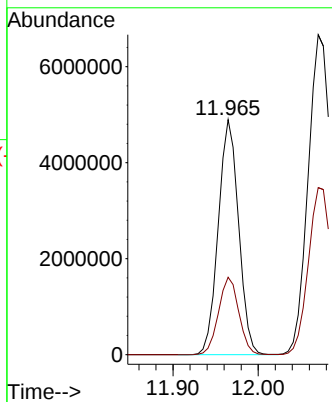
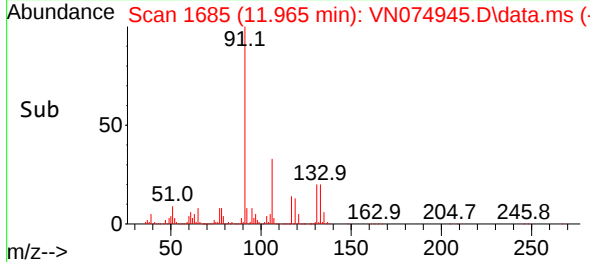
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



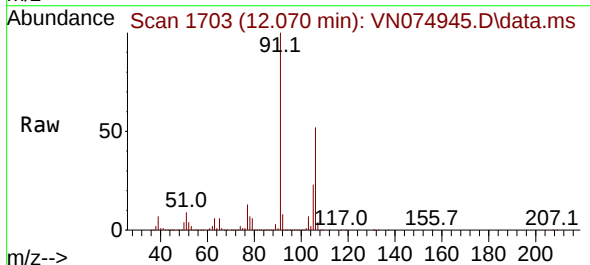
Tgt Ion: 91 Resp: 8107129
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.2

Manual Integrations
APPROVED

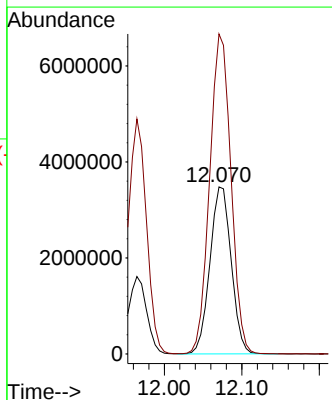
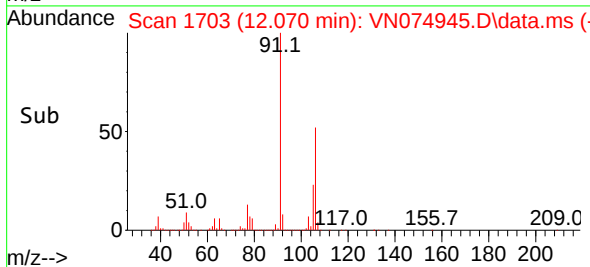
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

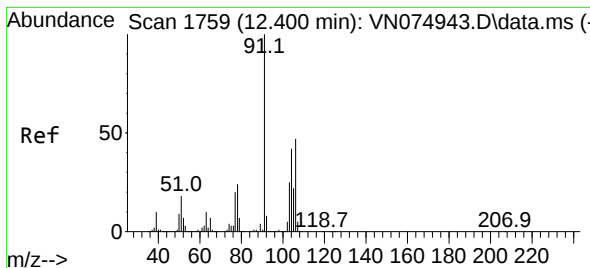


#68
m/p-Xylenes
Concen: 324.480 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



Tgt Ion:106 Resp: 6639015
Ion Ratio Lower Upper
106 100
91 191.8 159.7 239.5





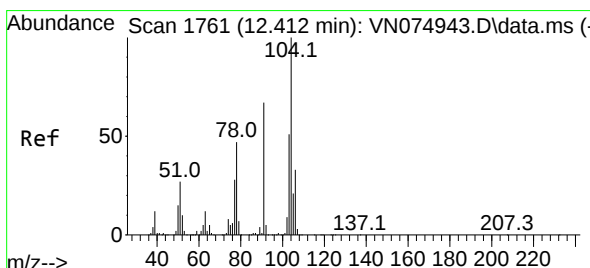
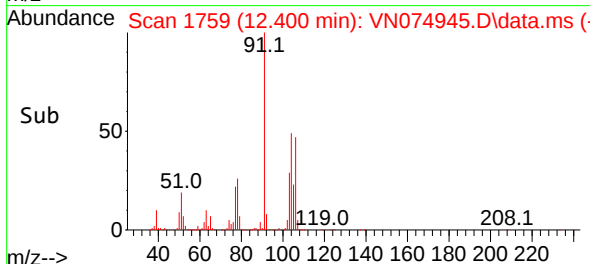
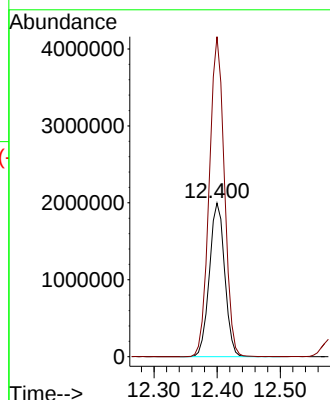
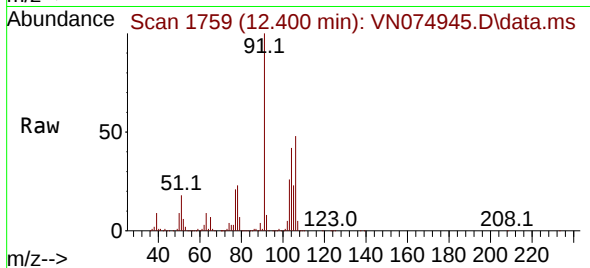
#69
o-Xylene
Concen: 157.840 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 335641
Ion Ratio Lower Upper
106 100
91 205.7 103.6 310.7

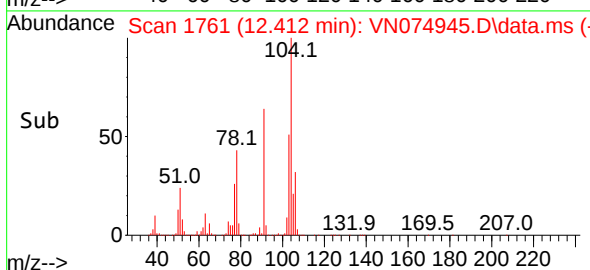
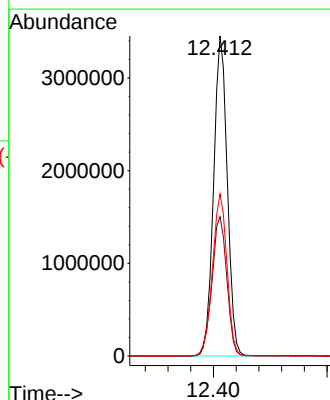
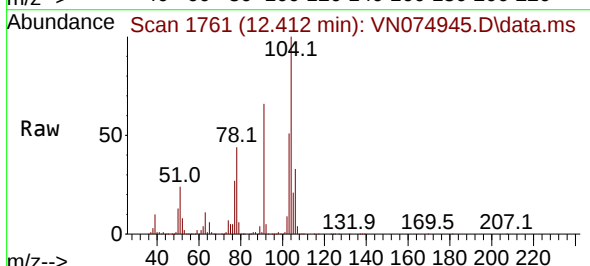
Manual Integrations
APPROVED

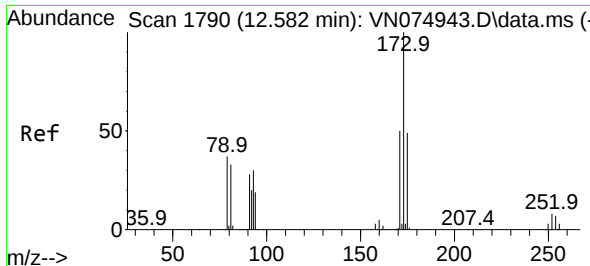
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 173.659 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

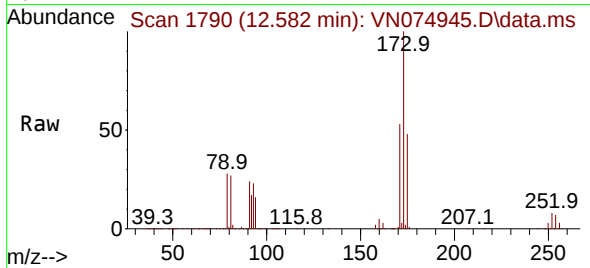
Tgt Ion:104 Resp: 5746053
Ion Ratio Lower Upper
104 100
78 47.1 39.4 59.2
103 53.5 43.0 64.4





#71
Bromoform
Concen: 201.246 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

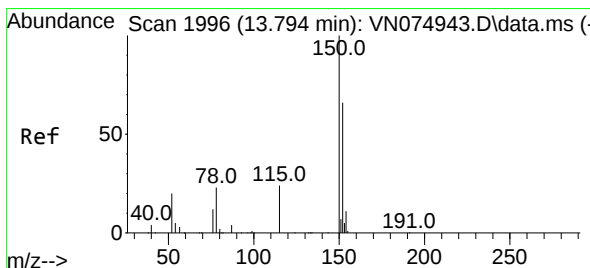
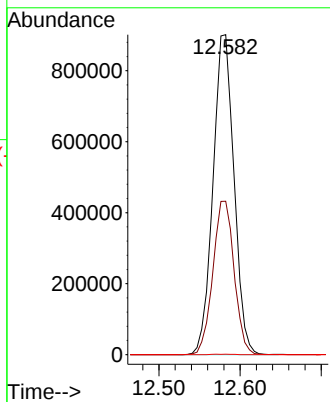
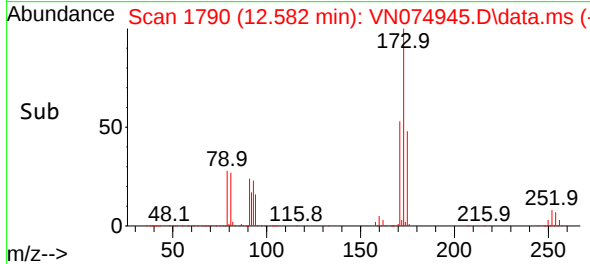
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



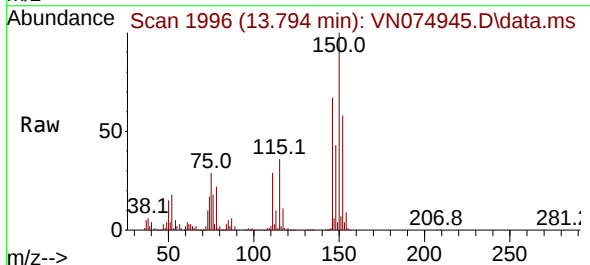
Tgt Ion:173 Resp: 162374
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

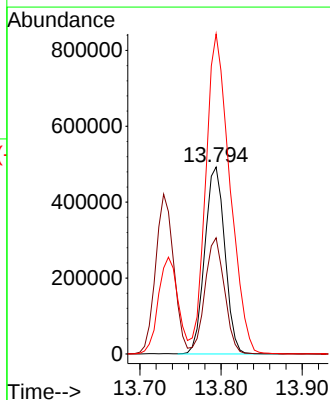
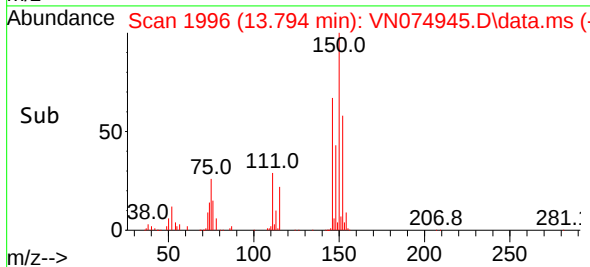
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

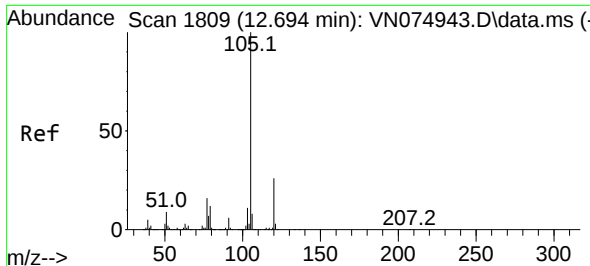


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



Tgt Ion:152 Resp: 844928
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 206.3 0.0 349.6





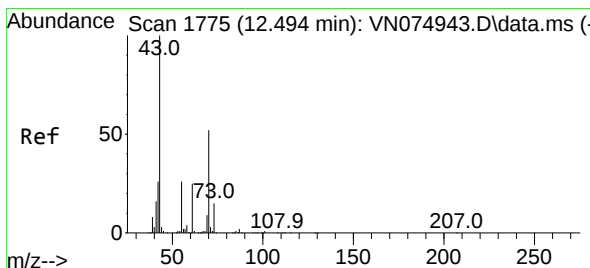
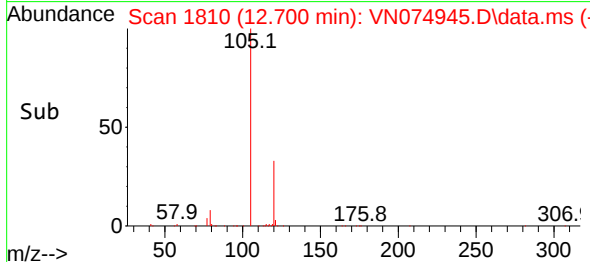
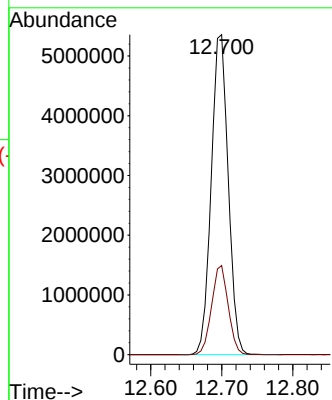
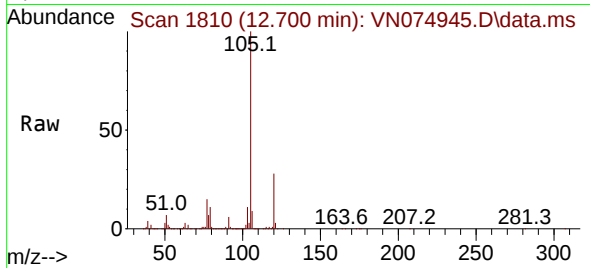
#73
Isopropylbenzene
Concen: 118.507 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 889863
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

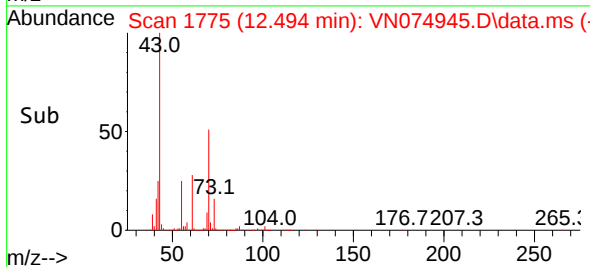
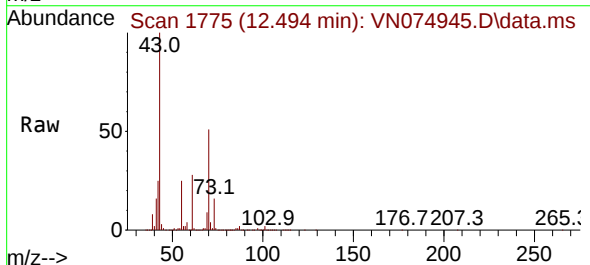
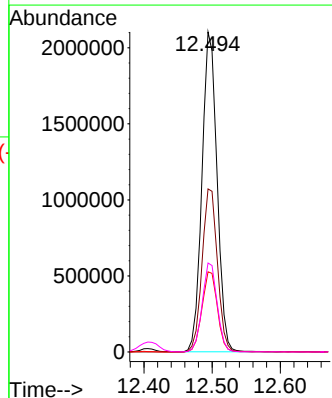
Manual Integrations
APPROVED

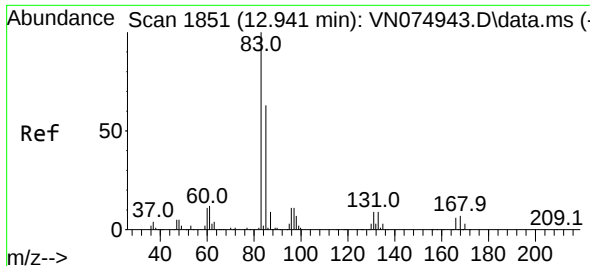
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#74
N-ethyl acetate
Concen: 87.218 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

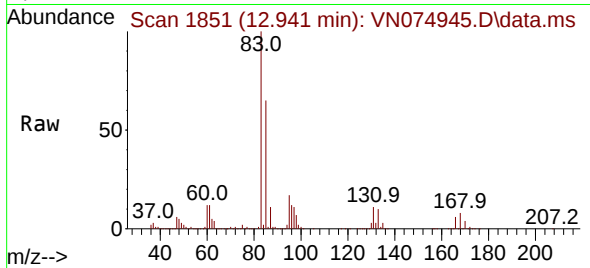
Tgt Ion: 43 Resp: 3235608
Ion Ratio Lower Upper
43 100
70 52.1 40.2 60.2
55 25.7 20.6 31.0
61 27.6 21.7 32.5





#75
 1,1,2,2-Tetrachloroethane
 Concen: 97.886 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28

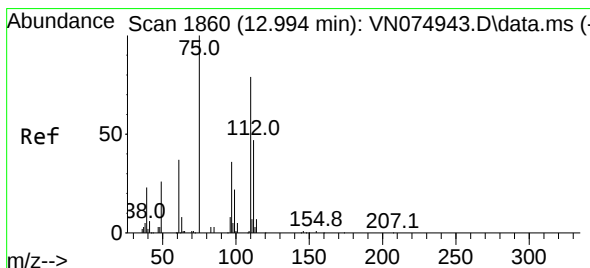
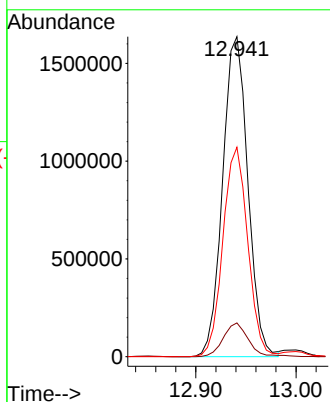
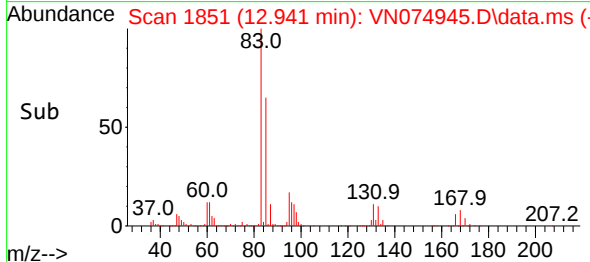
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



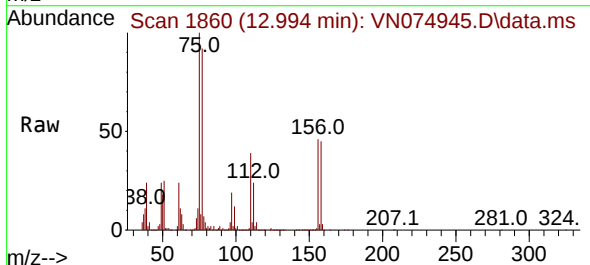
Tgt Ion: 83 Resp: 2867760
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 64.3 32.6 97.7

Manual Integrations
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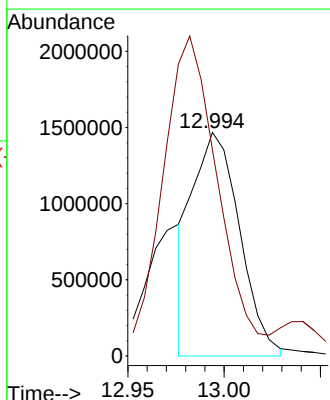
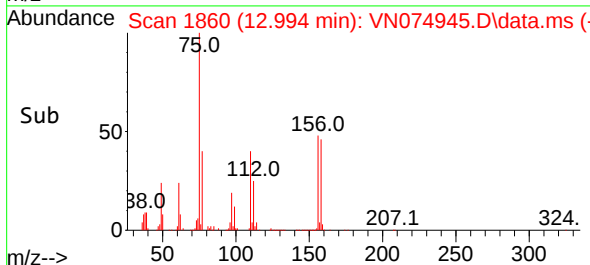
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

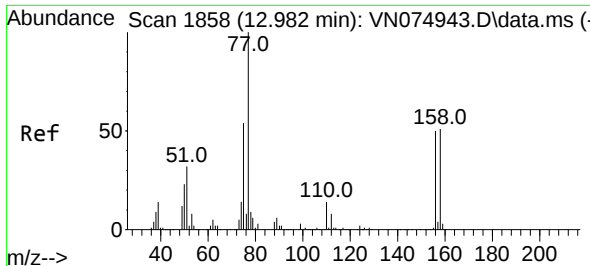


#76
 1,2,3-Trichloropropane
 Concen: 118.475 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28



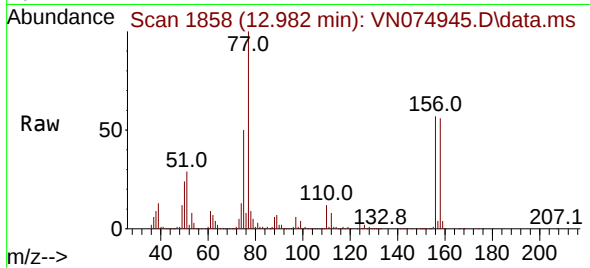
Tgt Ion: 75 Resp: 2515996
 Ion Ratio Lower Upper
 75 100
 77 168.2 81.0 243.0





#77
Bromobenzene
Concen: 122.519 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

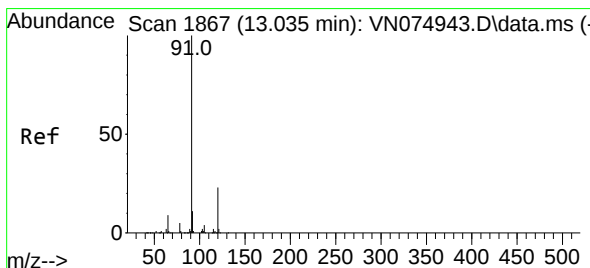
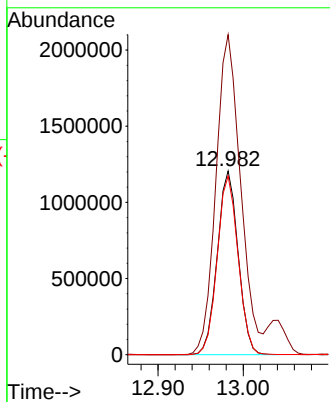
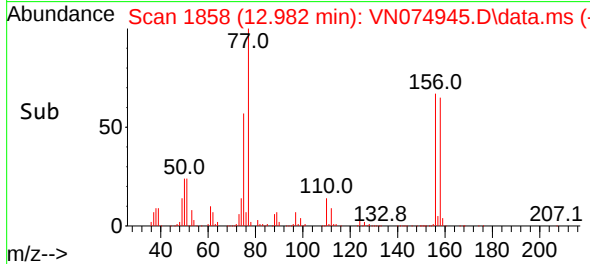
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 2049215
Ion Ratio Lower Upper
156 100
77 206.5 117.1 351.3
158 97.3 48.3 144.9

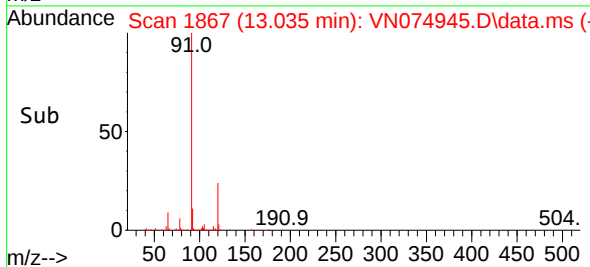
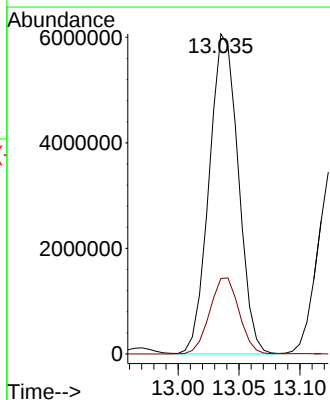
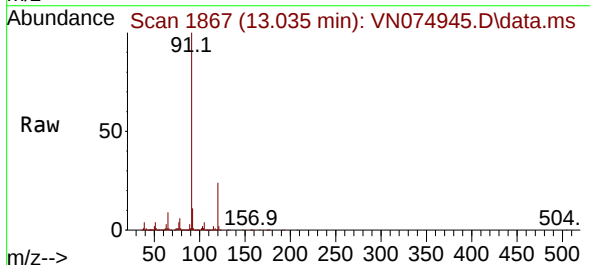
Manual Integrations
APPROVED

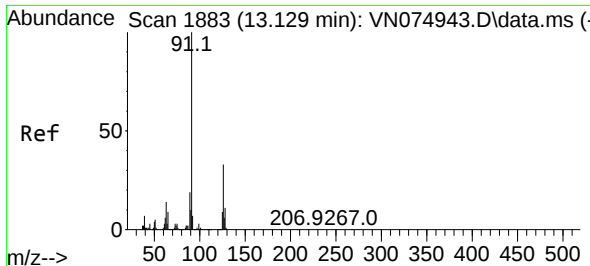
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
n-propylbenzene
Concen: 120.081 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

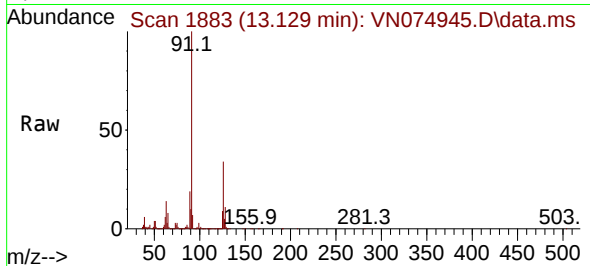
Tgt Ion: 91 Resp:10118210
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 126.255 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

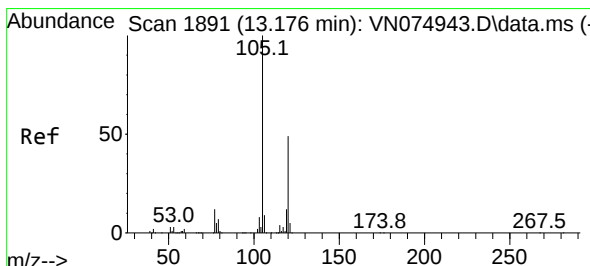
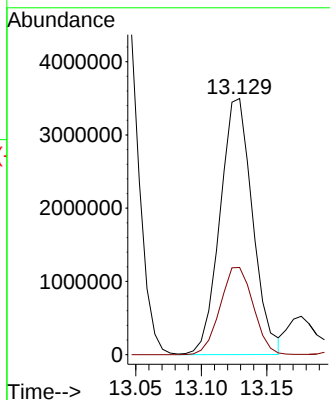
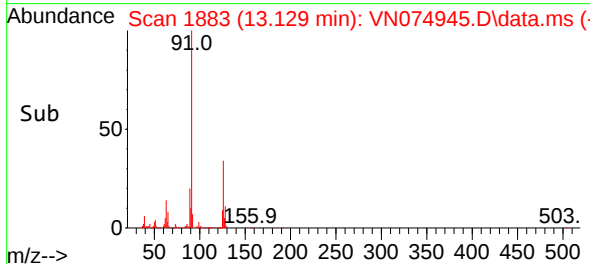
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



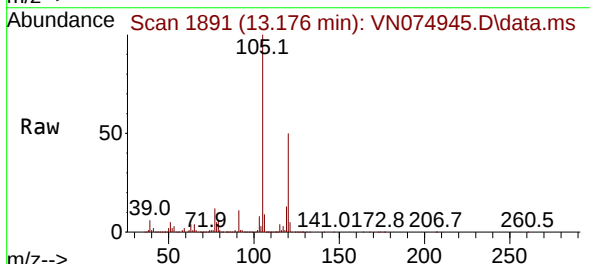
Tgt Ion: 91 Resp: 605568
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

Manual Integrations
APPROVED

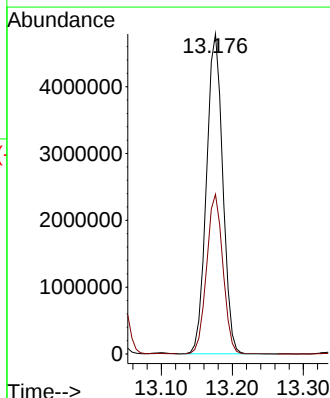
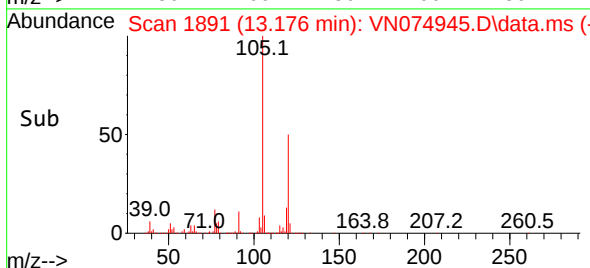
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

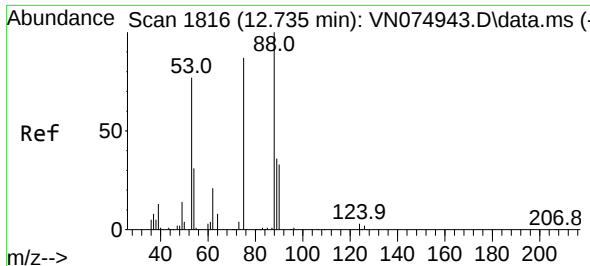


#80
1,3,5-Trimethylbenzene
Concen: 129.838 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



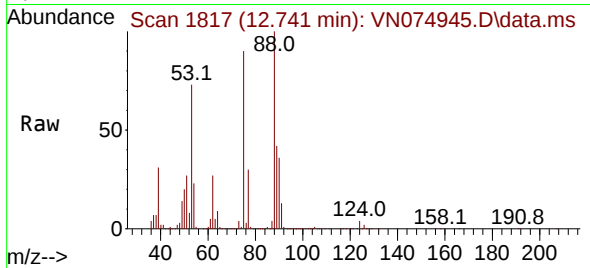
Tgt Ion:105 Resp: 7623917
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 127.666 ug/l m
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

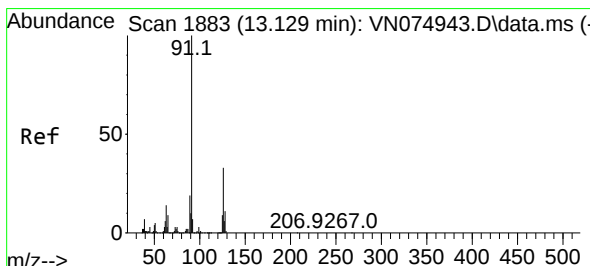
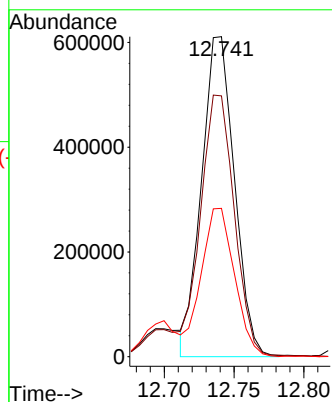
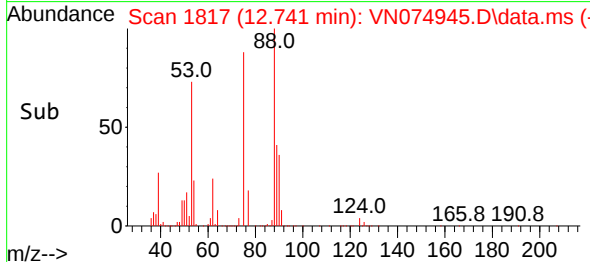
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 100178
Ion Ratio Lower Upper
75 100
53 93.5 79.2 118.8
89 47.1 37.9 56.9

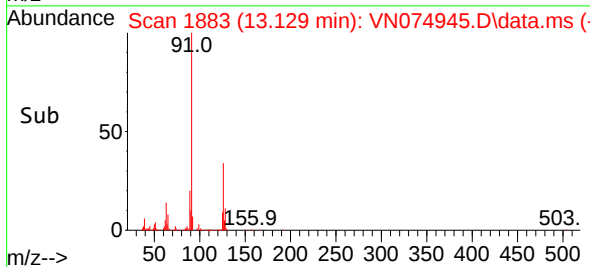
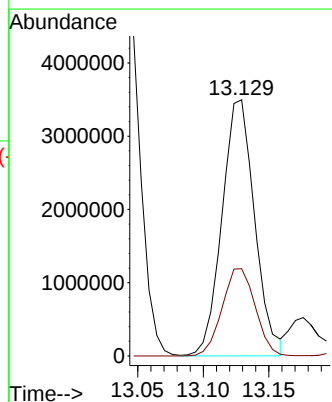
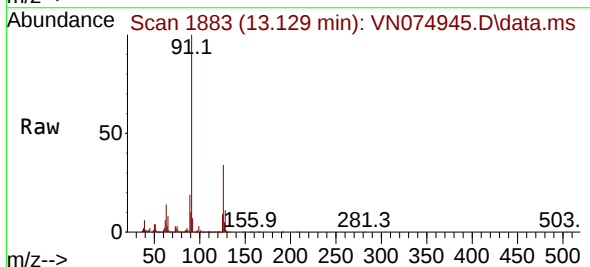
Manual Integrations
APPROVED

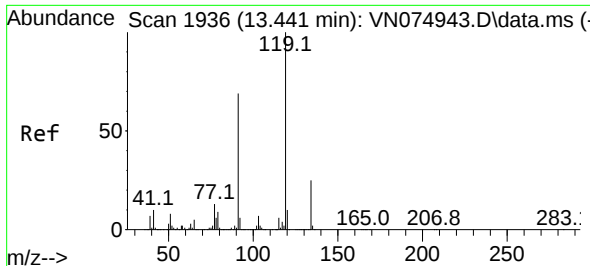
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#82
4-Chlorotoluene
Concen: 126.255 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

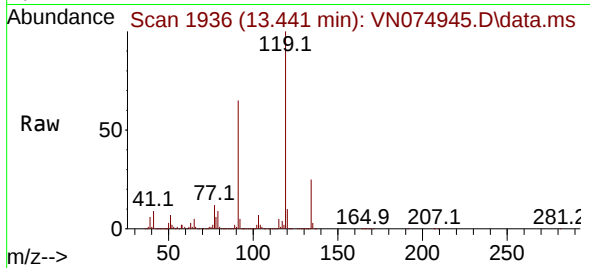
Tgt Ion: 91 Resp: 6055682
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83
tert-Butylbenzene
Concen: 126.709 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

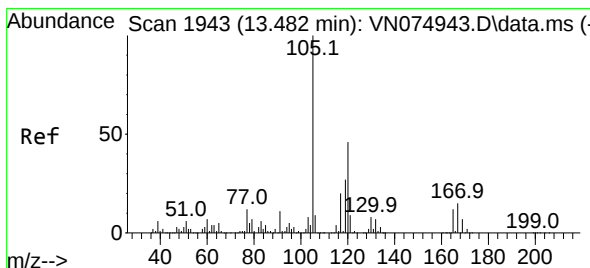
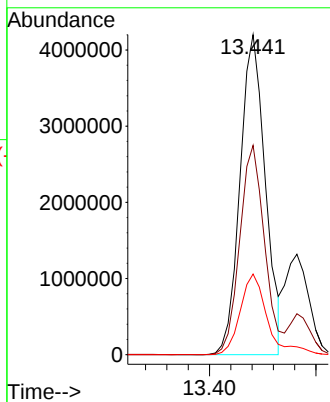
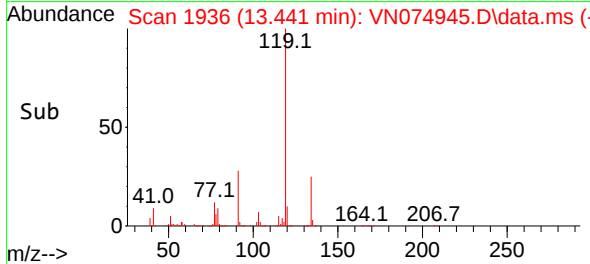
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



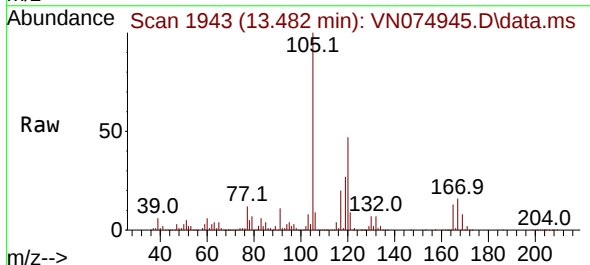
Tgt Ion:119 Resp: 692313
Ion Ratio Lower Upper
119 100
91 64.9 33.1 99.3
134 27.1 12.4 37.0

Manual Integrations
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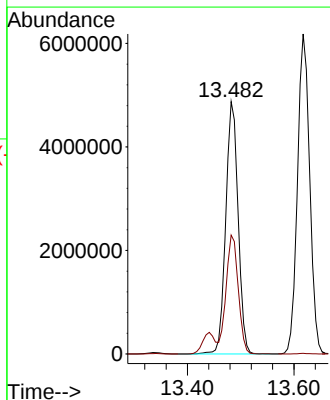
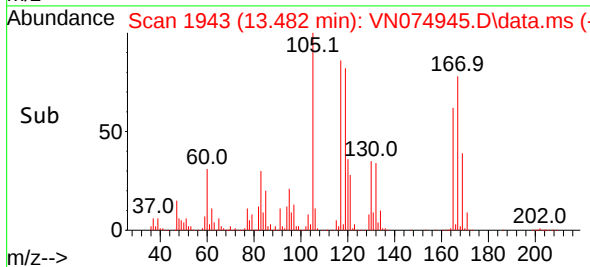
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

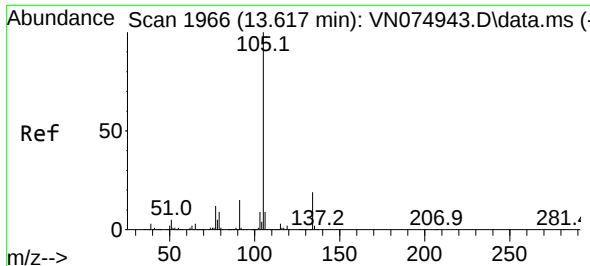


#84
1,2,4-Trimethylbenzene
Concen: 139.421 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



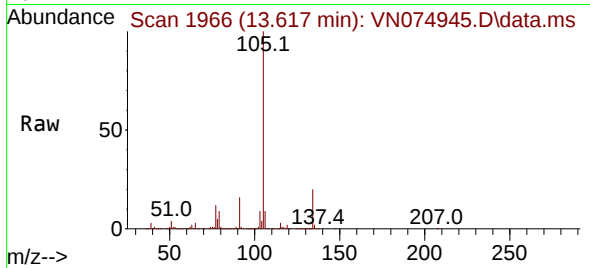
Tgt Ion:105 Resp: 7832778
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 132.275 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28

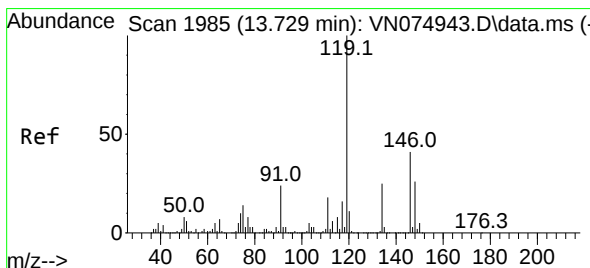
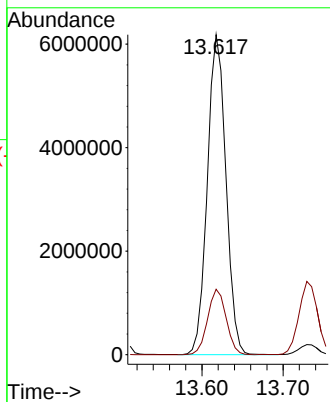
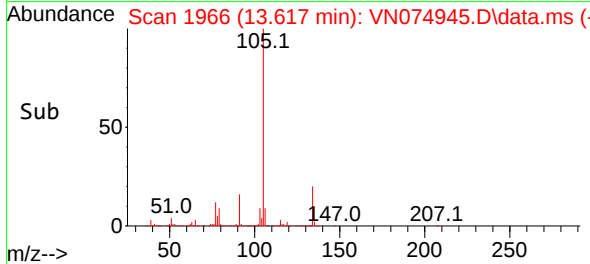
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



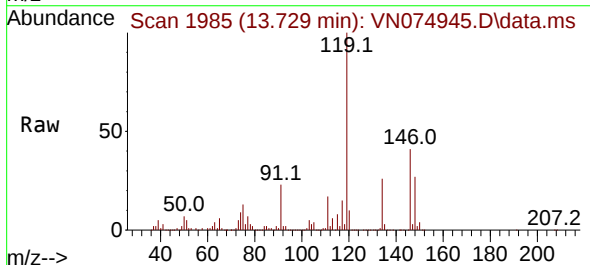
Tgt Ion:105 Resp: 9820949
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1

Manual Integrations
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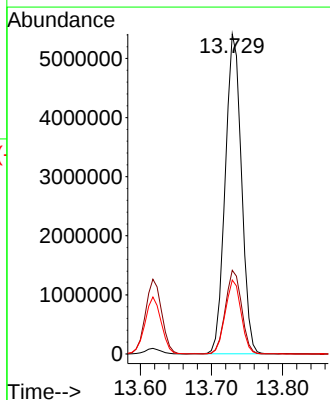
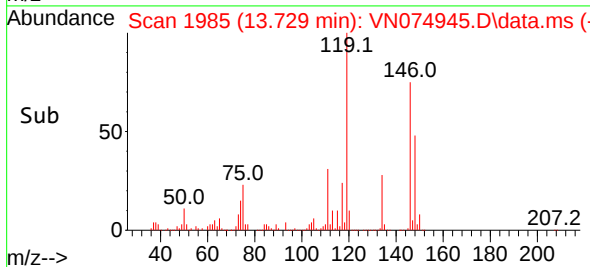
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

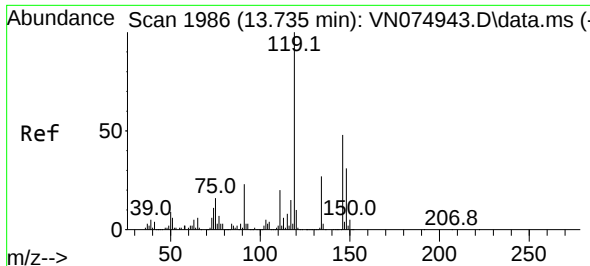


#86
 p-Isopropyltoluene
 Concen: 152.558 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28



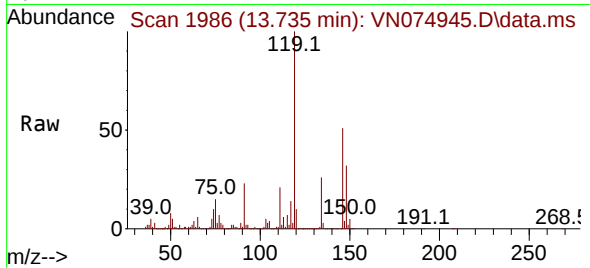
Tgt Ion:119 Resp: 8569494
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.7 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 150.415 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28

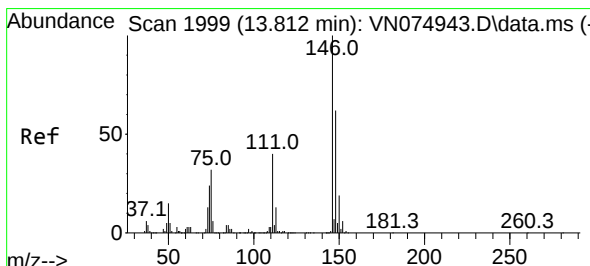
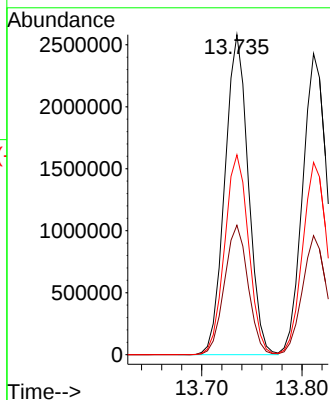
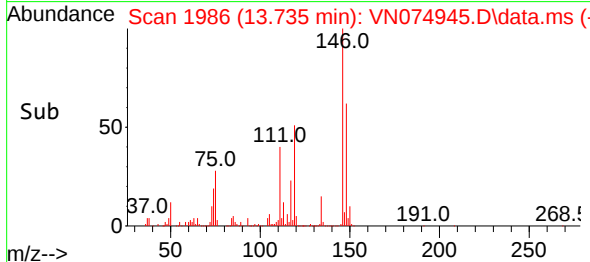
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



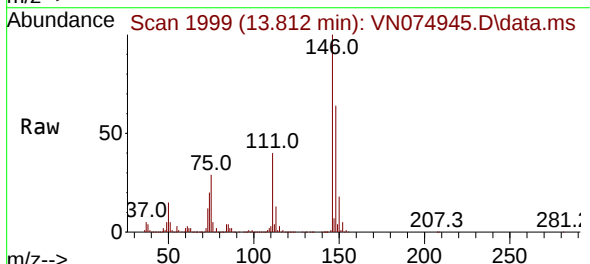
Tgt Ion:146 Resp: 419463
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.5 64.5
 148 63.8 31.7 95.1

Manual Integrations
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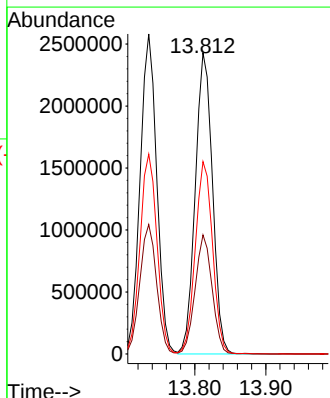
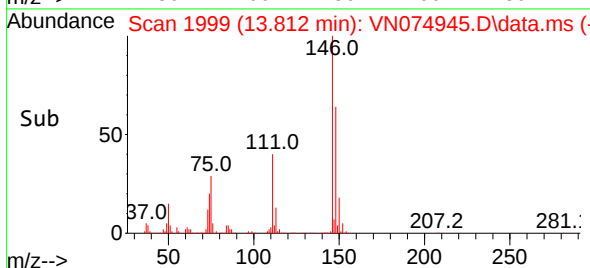
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

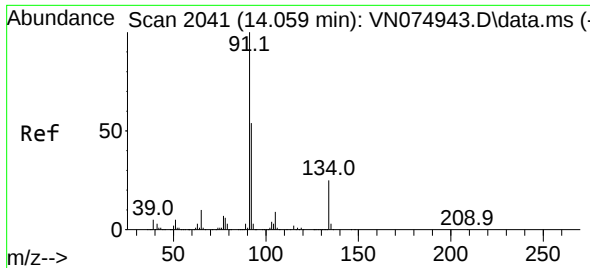


#88
 1,4-Dichlorobenzene
 Concen: 146.330 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN074945.D
 Acq: 20 Oct 2022 16:28



Tgt Ion:146 Resp: 4096748
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.3 61.0
 148 64.2 32.3 96.9





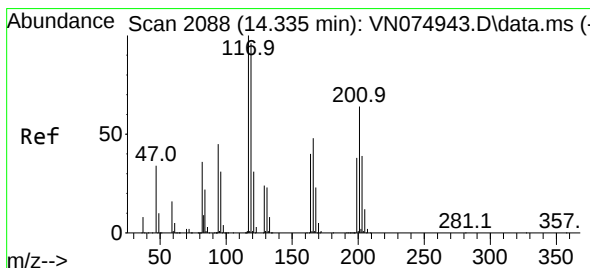
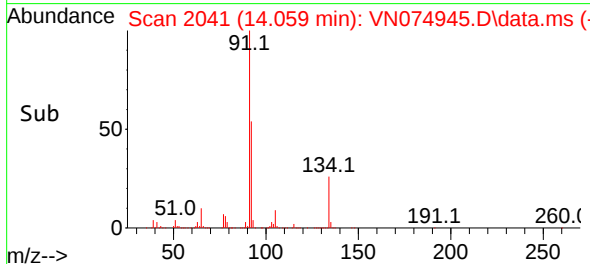
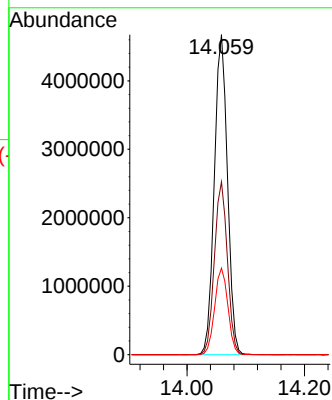
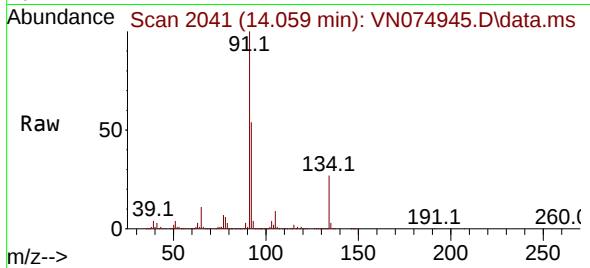
#89
n-Butylbenzene
Concen: 155.775 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 724380
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 27.2 12.6 37.6

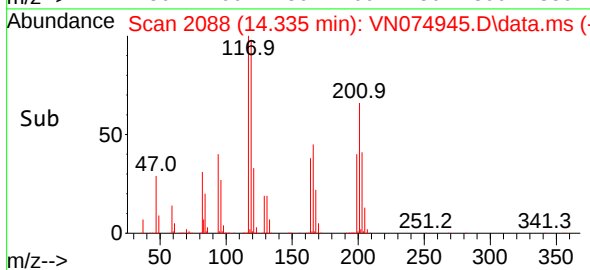
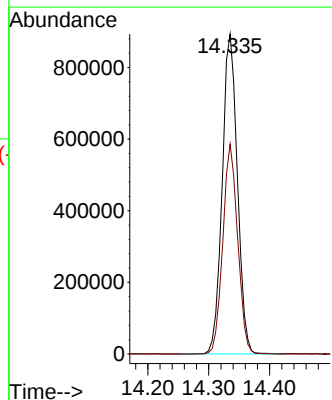
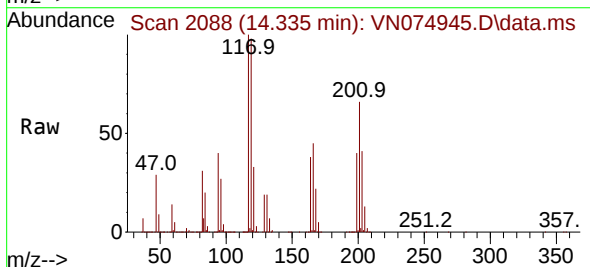
Manual Integrations
APPROVED

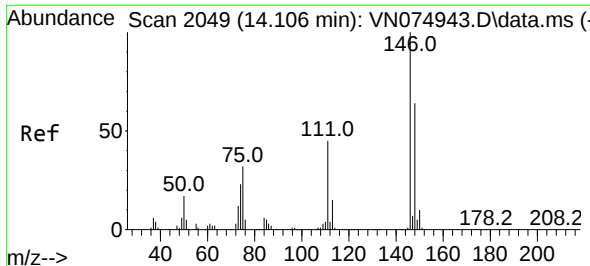
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 130.871 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

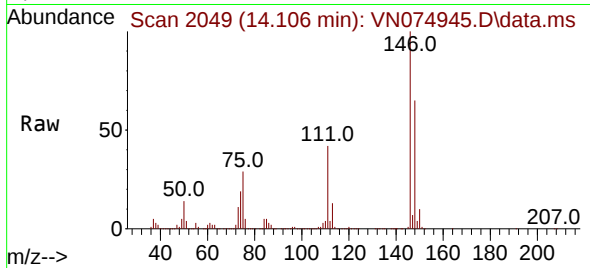
Tgt Ion:117 Resp: 1545632
Ion Ratio Lower Upper
117 100
201 64.2 30.6 91.6





#91
1,2-Dichlorobenzene
Concen: 145.975 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28

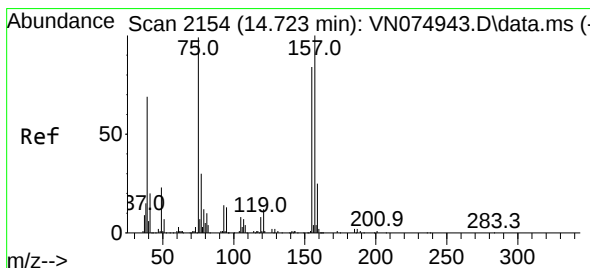
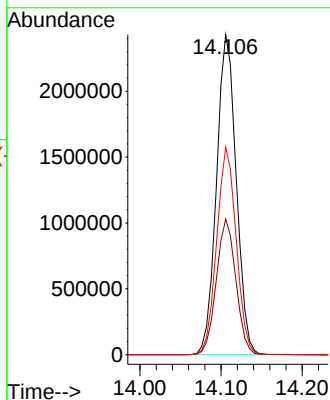
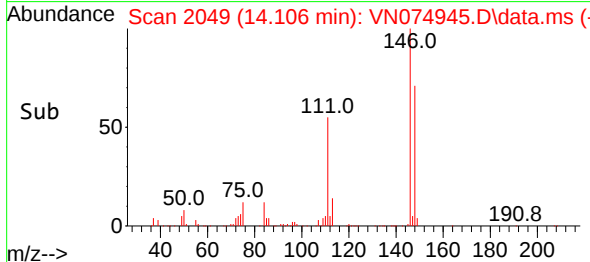
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



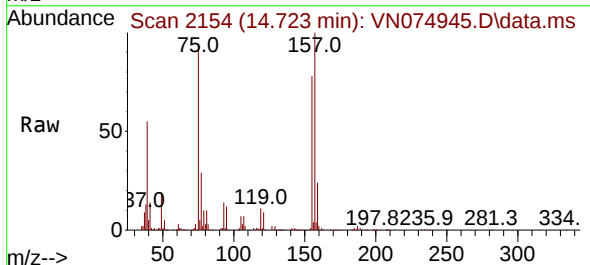
Tgt Ion:146 Resp: 4104628
Ion Ratio Lower Upper
146 100
111 42.0 22.2 66.6
148 64.1 31.9 95.5

Manual Integrations
APPROVED

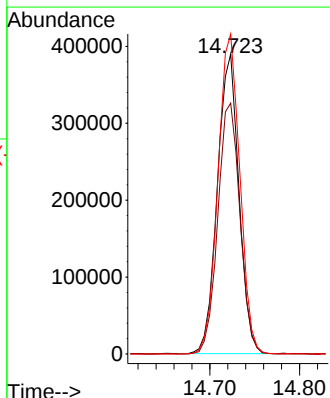
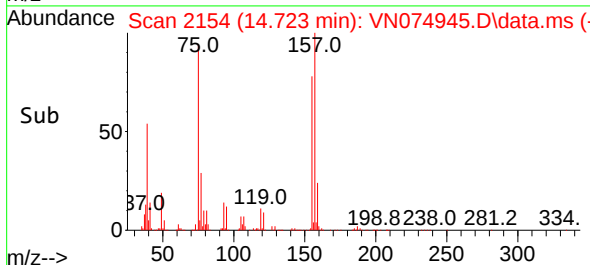
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

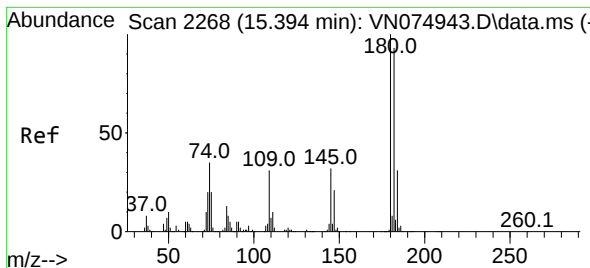


#92
1,2-Dibromo-3-Chloropropane
Concen: 137.708 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN074945.D
Acq: 20 Oct 2022 16:28



Tgt Ion: 75 Resp: 649504
Ion Ratio Lower Upper
75 100
155 85.9 39.6 118.8
157 108.3 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 153.349 ug/l

RT: 15.394 min Scan# 2129614

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 2129614

Ion Ratio Lower Upper

180 100

182 92.9 46.6 139.7

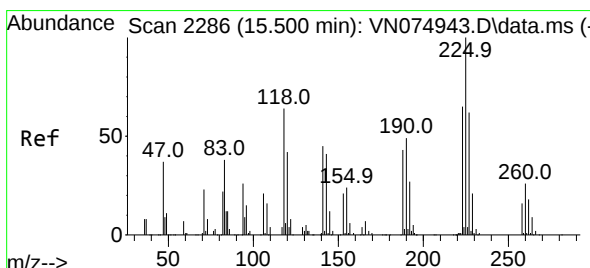
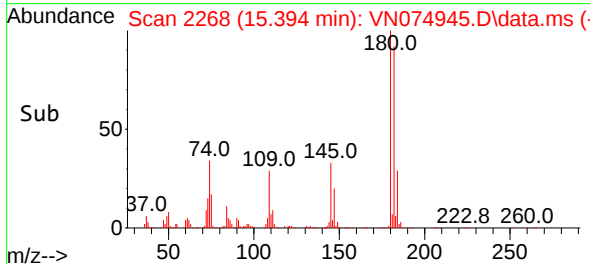
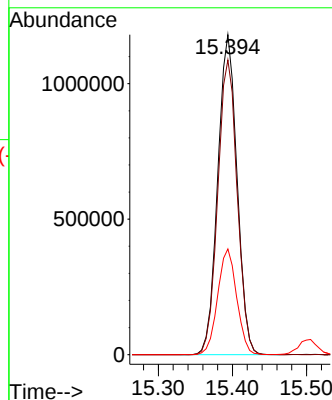
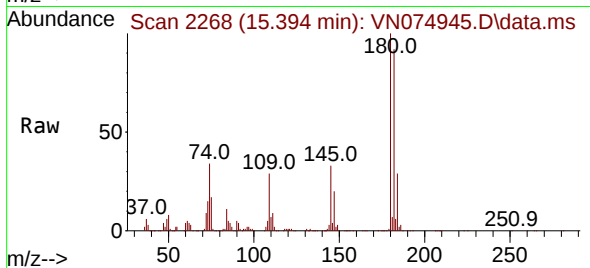
145 32.7 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#94

Hexachlorobutadiene

Concen: 123.774 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

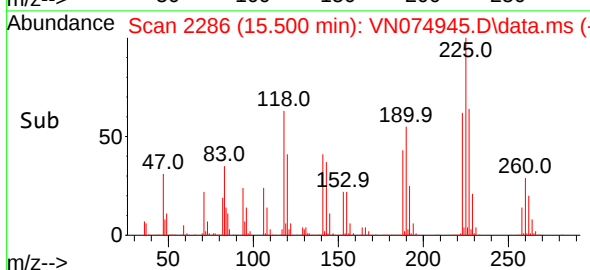
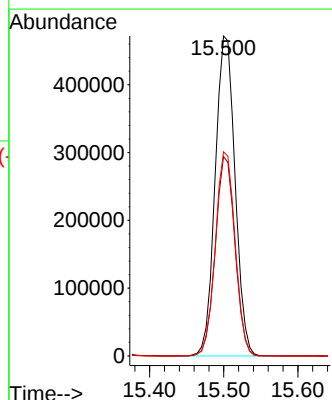
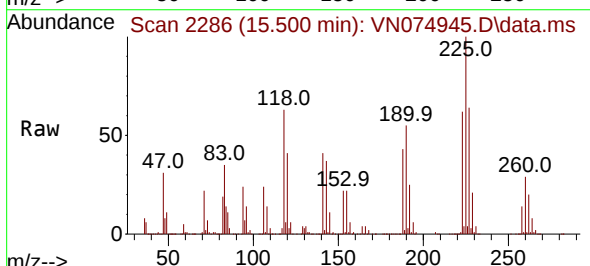
Tgt Ion:225 Resp: 879182

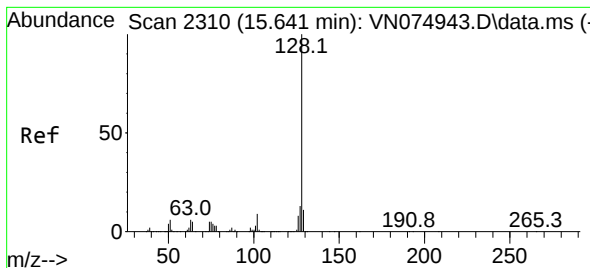
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.5

227 63.3 31.4 94.0





#95

Naphthalene

Concen: 156.531 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 811480

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

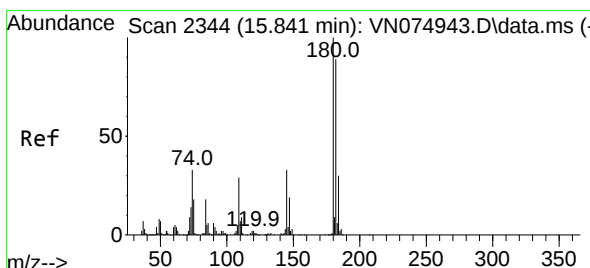
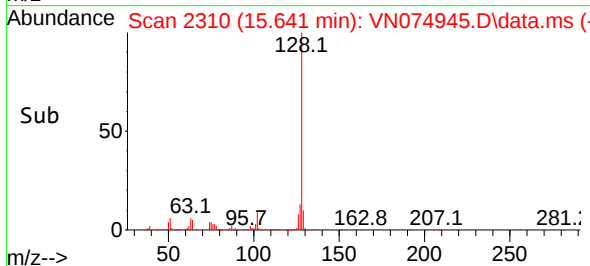
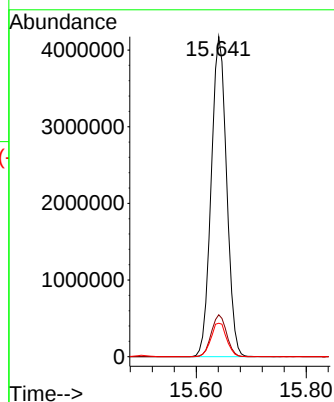
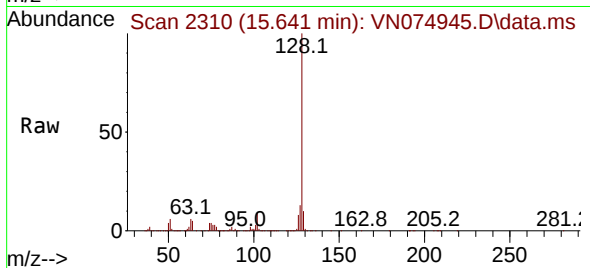
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 145.767 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN074945.D

Acq: 20 Oct 2022 16:28

Tgt Ion:180 Resp: 2064566

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

145 34.9 17.2 51.5

