

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074941.D
 Acq On : 20 Oct 2022 14:50
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 03:04:30 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	430142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	761240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	805974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	487744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109539	10.600	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.200%#		
35) Dibromofluoromethane	8.171	113	86913	10.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.900%#		
50) Toluene-d8	10.571	98	319866	9.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.180%#		
62) 4-Bromofluorobenzene	12.847	95	103038	10.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	21.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71184	9.897	ug/l	93
3) Chloromethane	2.377	50	90715	8.651	ug/l	97
4) Vinyl Chloride	2.524	62	126239	7.628	ug/l	98
5) Bromomethane	2.959	94	92768	5.774	ug/l	85
6) Chloroethane	3.130	64	97763	6.488	ug/l	99
7) Trichlorofluoromethane	3.506	101	134841	11.721	ug/l	99
8) Diethyl Ether	3.977	74	51354	10.067	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	76193	10.886	ug/l	97
10) Methyl Iodide	4.606	142	99377	10.225	ug/l	99
11) Tert butyl alcohol	5.547	59	125555	52.031	ug/l	100
12) 1,1-Dichloroethene	4.353	96	65289	9.612	ug/l #	86
13) Acrolein	4.189	56	59567	37.607	ug/l	96
14) Allyl chloride	5.047	41	103412m	8.325	ug/l	
15) Acrylonitrile	5.736	53	250813	44.801	ug/l #	89
16) Acetone	4.447	43	259642	54.117	ug/l	100
17) Carbon Disulfide	4.718	76	138897	9.333	ug/l	97
18) Methyl Acetate	5.041	43	156539	9.205	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	273377	10.392	ug/l	99
20) Methylene Chloride	5.289	84	89642	9.241	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	75273	10.138	ug/l #	75
22) Diisopropyl ether	6.683	45	241260	9.093	ug/l	95
23) Vinyl Acetate	6.618	43	939805m	44.097	ug/l	
24) 1,1-Dichloroethane	6.583	63	153658	9.900	ug/l	97
25) 2-Butanone	7.488	43	355272	45.519	ug/l	97
26) 2,2-Dichloropropane	7.494	77	135621	11.001	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	90313	9.568	ug/l	93
28) Bromochloromethane	7.818	49	66720	9.580	ug/l	95
29) Tetrahydrofuran	7.847	42	214274	40.860	ug/l	99
30) Chloroform	7.971	83	163689	10.232	ug/l	98
31) Cyclohexane	8.265	56	116369	9.158	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	144643	10.670	ug/l	92
36) 1,1-Dichloropropene	8.377	75	105439	9.285	ug/l	100
37) Ethyl Acetate	7.565	43	134851	8.847	ug/l	99
38) Carbon Tetrachloride	8.359	117	114883	10.169	ug/l	97
39) Methylcyclohexane	9.600	83	120491	9.326	ug/l #	83
40) Benzene	8.612	78	331945	9.119	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	62424	7.792	ug/l	97
42) 1,2-Dichloroethane	8.677	62	128091	10.510	ug/l	98
43) Isopropyl Acetate	8.694	43	206720	8.387	ug/l	98
44) Trichloroethene	9.353	130	80303	9.766	ug/l	98
45) 1,2-Dichloropropane	9.624	63	88580	8.990	ug/l	96
46) Dibromomethane	9.712	93	65737	10.391	ug/l	98
47) Bromodichloromethane	9.894	83	128359	10.113	ug/l	91
48) Methyl methacrylate	9.676	41	91767	8.321	ug/l	97
49) 1,4-Dioxane	9.694	88	55271	223.383	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	709648	44.497	ug/l	97
52) Toluene	10.629	92	216233	9.651	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	121566	9.334	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	142065	10.109	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	95879	10.335	ug/l	96
56) Ethyl methacrylate	10.876	69	149107	10.099	ug/l	94
57) 1,3-Dichloropropane	11.165	76	160602	9.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	267958	44.224	ug/l	98
59) 2-Hexanone	11.200	43	534823	45.598	ug/l	97
60) Dibromochloromethane	11.359	129	96117	10.588	ug/l	97
61) 1,2-Dibromoethane	11.470	107	90054	10.013	ug/l	96
64) Tetrachloroethene	11.106	164	66026	9.852	ug/l	89
65) Chlorobenzene	11.894	112	229268	10.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	89964	10.612	ug/l	99
67) Ethyl Benzene	11.965	91	413751	10.286	ug/l	99
68) m/p-Xylenes	12.070	106	319599	20.993	ug/l	99
69) o-Xylene	12.400	106	159506	10.081	ug/l	92
70) Styrene	12.412	104	258972	10.519	ug/l	97
71) Bromoform	12.582	173	66877	11.140	ug/l #	100
73) Isopropylbenzene	12.700	105	422285	9.742	ug/l	98
74) N-amyl acetate	12.494	43	173416	8.098	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	166940	9.871	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	144197m	11.763	ug/l	
77) Bromobenzene	12.982	156	93969	9.733	ug/l	95
78) n-propylbenzene	13.035	91	471504	9.694	ug/l	98
79) 2-Chlorotoluene	13.129	91	295503	10.673	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	357971	10.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42642m	9.414	ug/l	
82) 4-Chlorotoluene	13.129	91	295503	10.673	ug/l	97
83) tert-Butylbenzene	13.441	119	319895	10.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	352840	10.880	ug/l	99
85) sec-Butylbenzene	13.617	105	430345	10.041	ug/l	100
86) p-Isopropyltoluene	13.729	119	340756	10.509	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	172532	10.717	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	175389	10.852	ug/l	96
89) n-Butylbenzene	14.059	91	295845	11.021	ug/l	98
90) Hexachloroethane	14.335	117	68875	10.102	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	176240	10.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32949	12.102	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	77195	9.629	ug/l	99
94) Hexachlorobutadiene	15.500	225	40445	9.864	ug/l	99
95) Naphthalene	15.641	128	285649	9.545	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	77487	9.477	ug/l	99

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

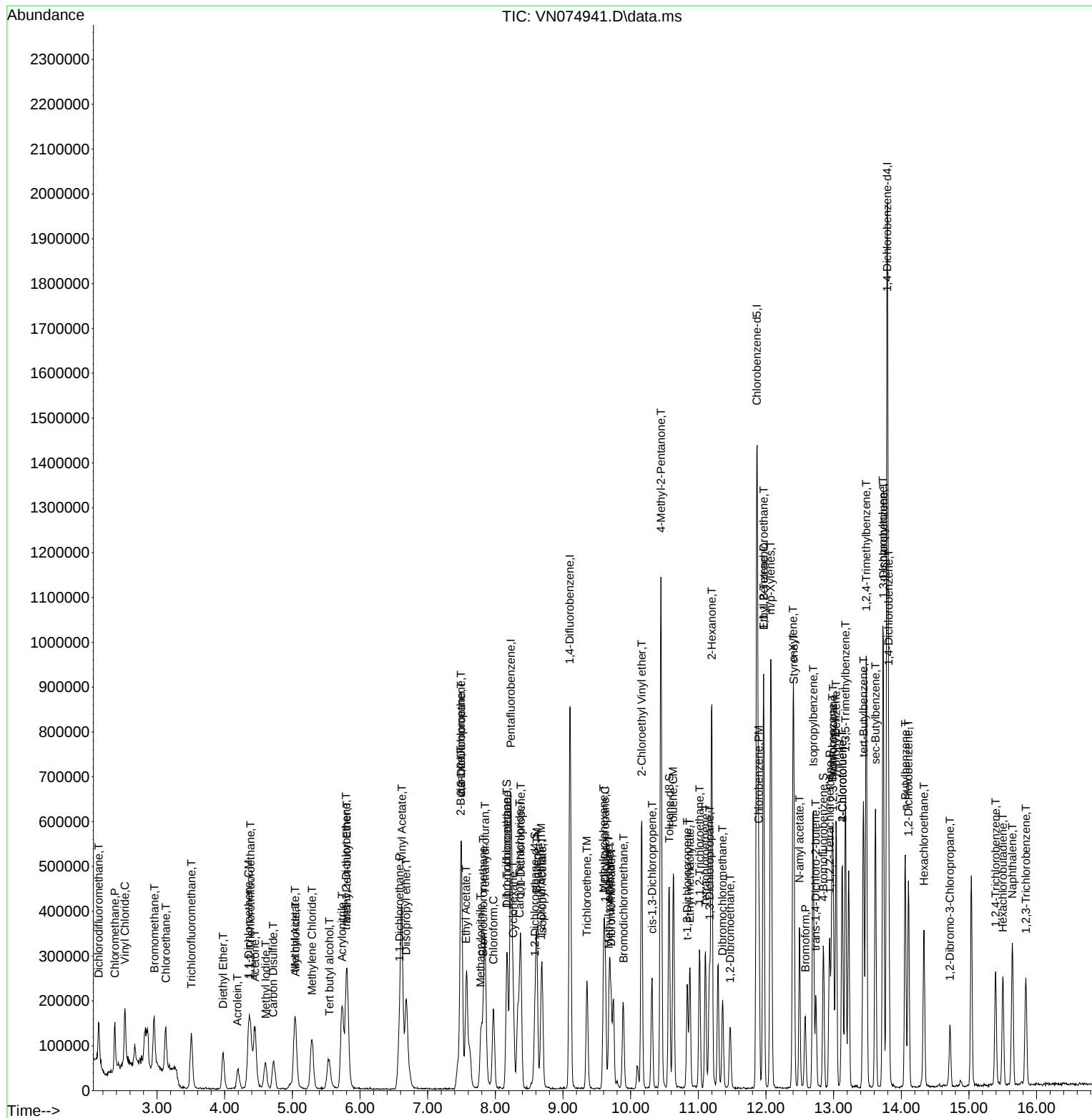
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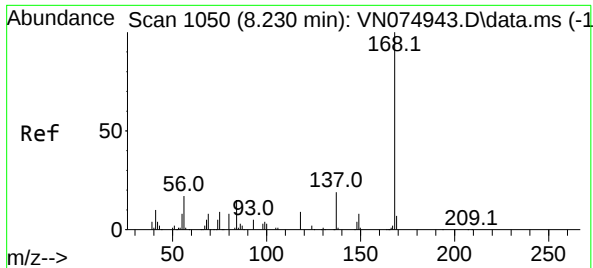
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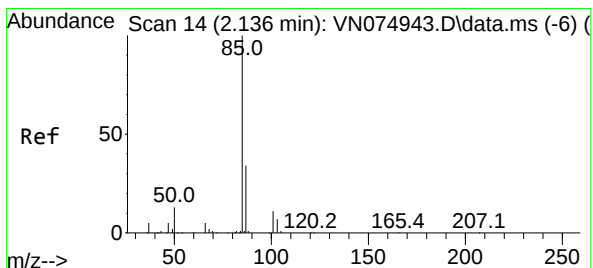
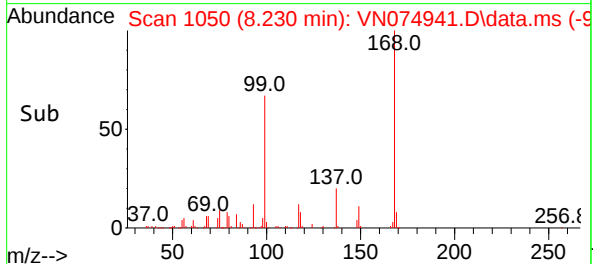
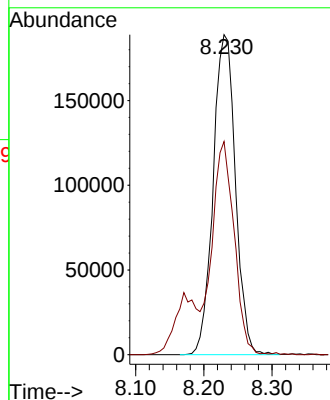
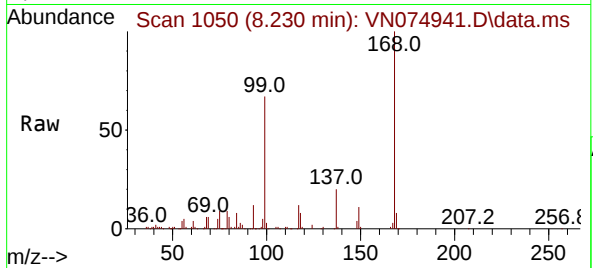
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074941.D
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Tgt Ion:168 Resp: 43014
Ion Ratio Lower Upper
168 100
99 66.5 52.2 78.4

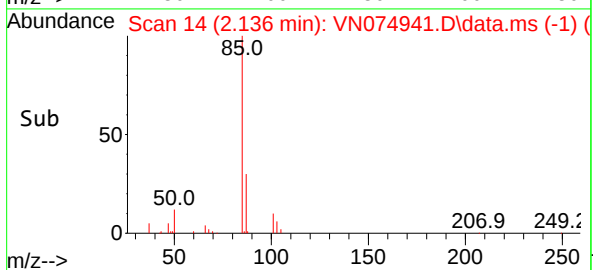
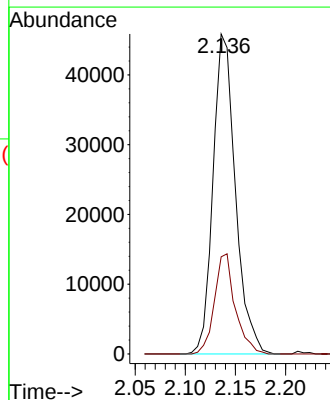
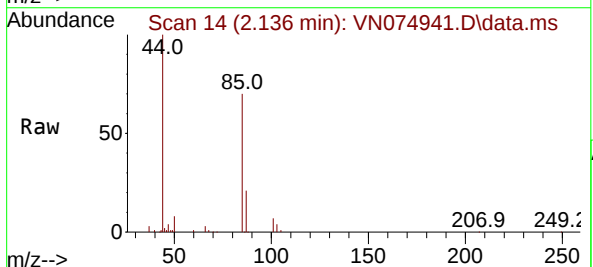
Manual Integrations
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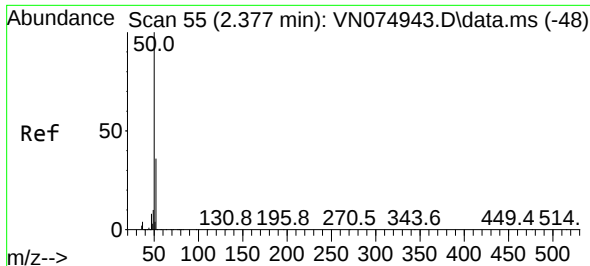
Reviewed By :John Carlone 10/21/2022
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#2
Dichlorodifluoromethane
Concen: 9.897 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

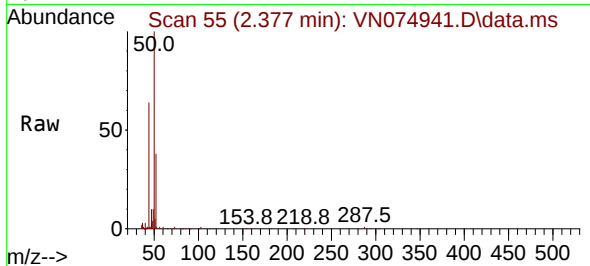
Tgt Ion: 85 Resp: 71184
Ion Ratio Lower Upper
85 100
87 30.3 17.1 51.2





#3
Chloromethane
Concen: 8.651 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

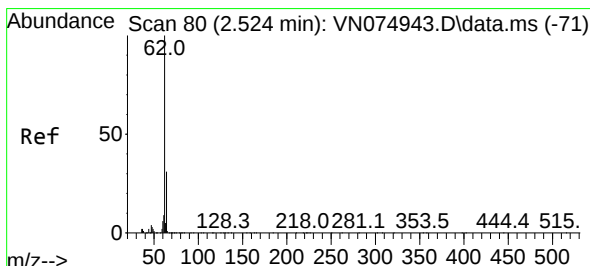
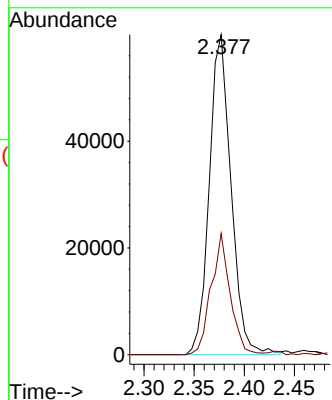
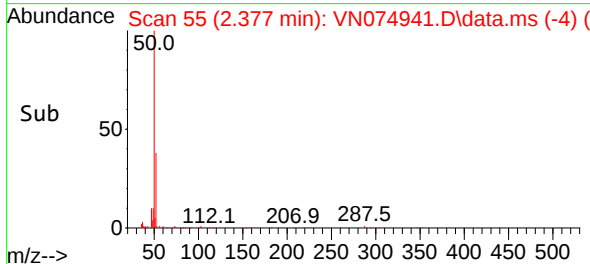
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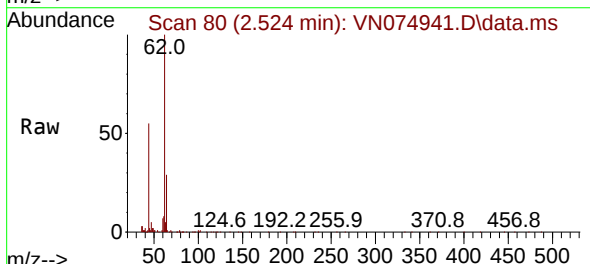
Tgt Ion: 50 Resp: 90715
Ion Ratio Lower Upper
50 100
52 37.9 28.8 43.2

Manual Integrations
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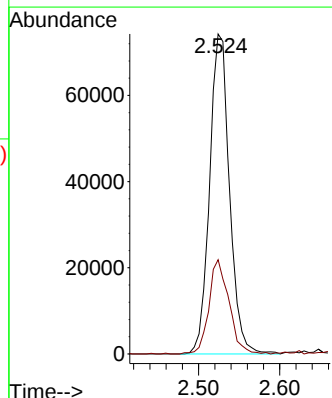
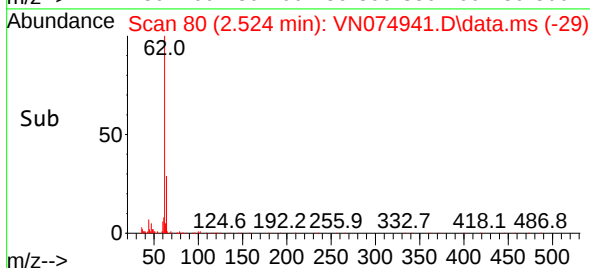
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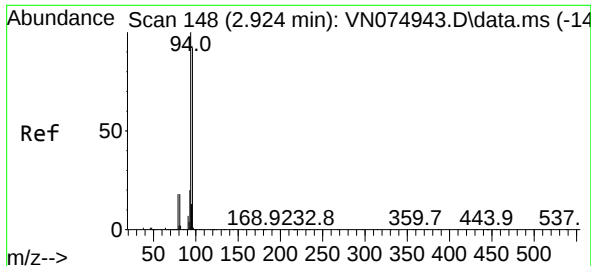


#4
Vinyl Chloride
Concen: 7.628 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion: 62 Resp: 126239
Ion Ratio Lower Upper
62 100
64 29.4 24.5 36.7





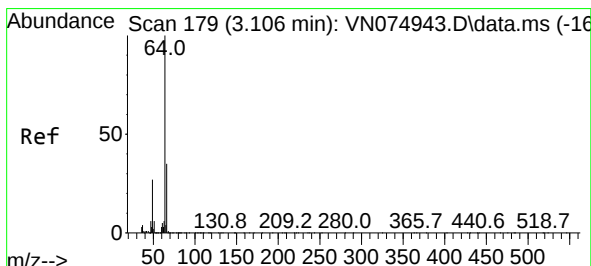
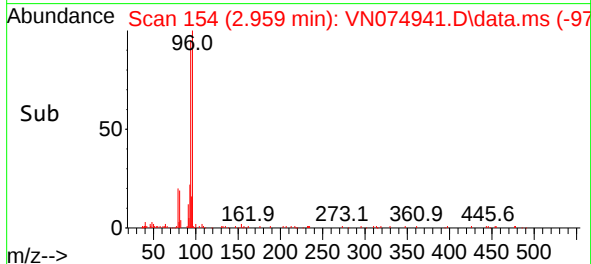
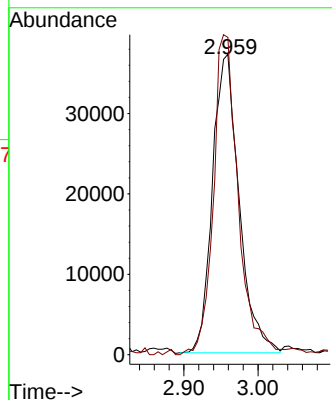
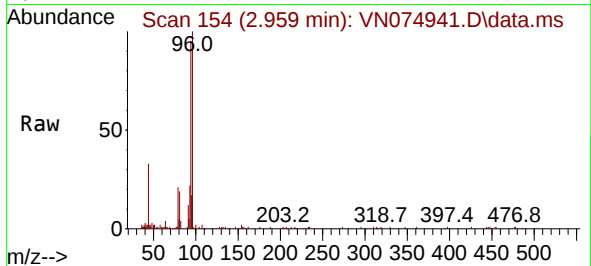
#5
Bromomethane
Concen: 5.774 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN074941.D
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Tgt Ion: 94 Resp: 92768
Ion Ratio Lower Upper
94 100
96 106.3 73.5 110.3

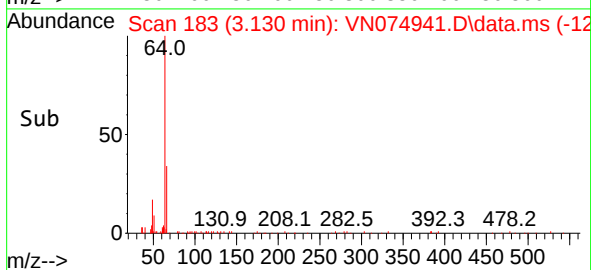
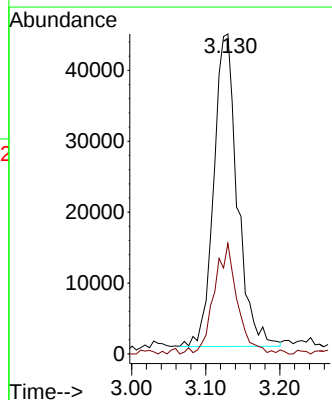
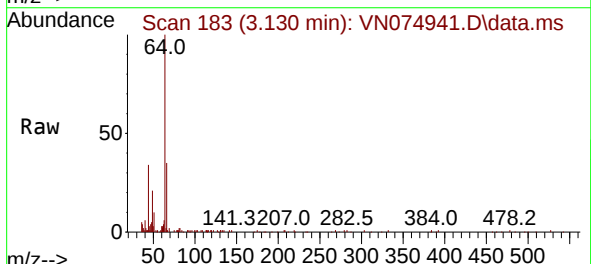
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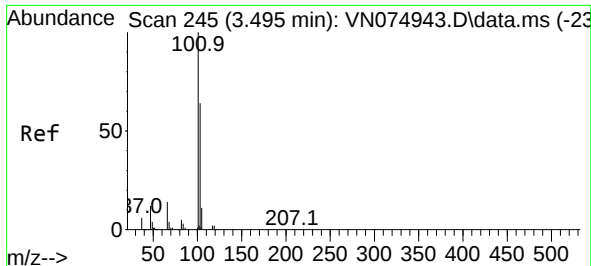
Reviewed By :John Carlone 10/21/2022
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#6
Chloroethane
Concen: 6.488 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.023 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 64 Resp: 97763
Ion Ratio Lower Upper
64 100
66 35.4 27.9 41.9





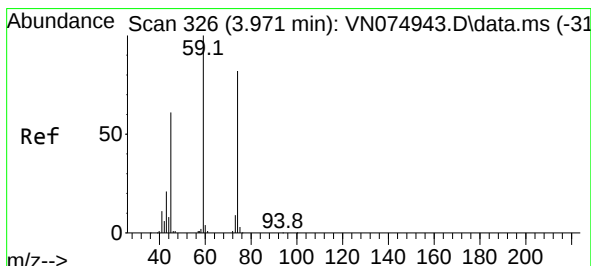
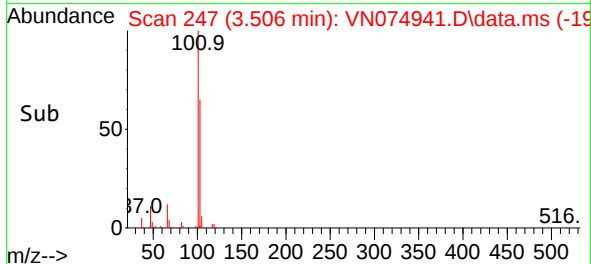
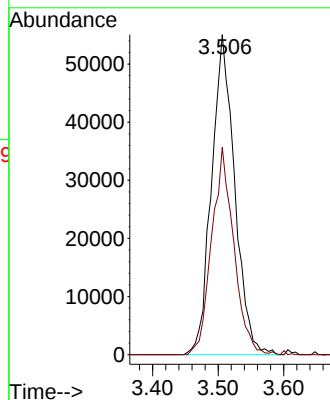
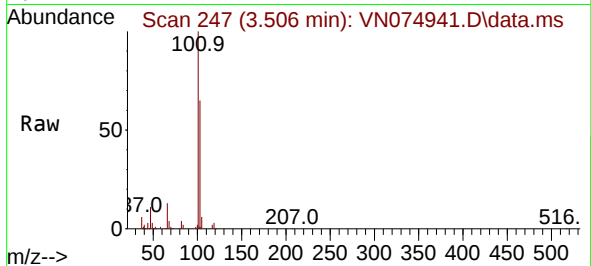
#7
Trichlorofluoromethane
Concen: 11.721 ug/l
RT: 3.506 min Scan# 245
Delta R.T. 0.012 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
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Tgt Ion:101 Resp: 13484
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

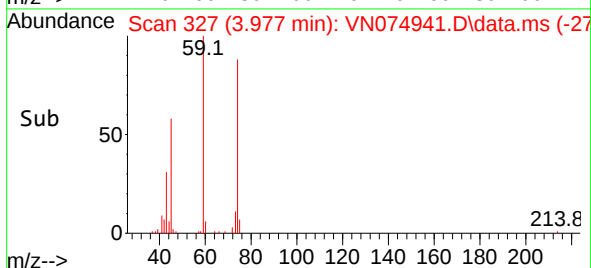
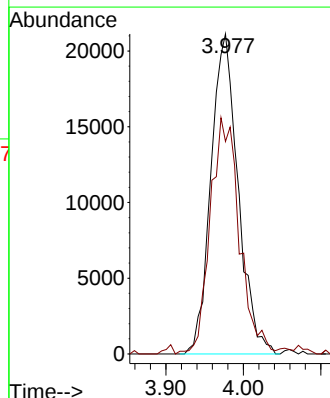
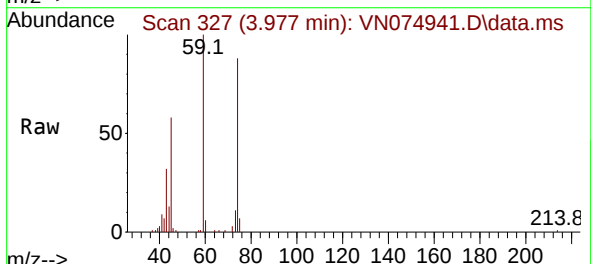
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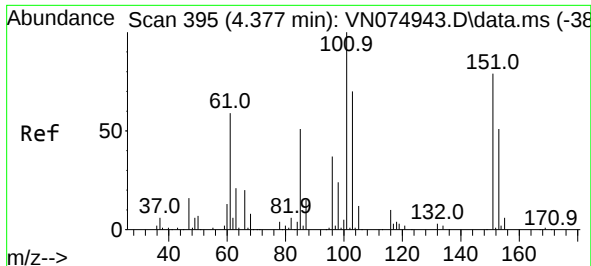
Reviewed By :John Carlone 10/21/2022
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#8
Diethyl Ether
Concen: 10.067 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

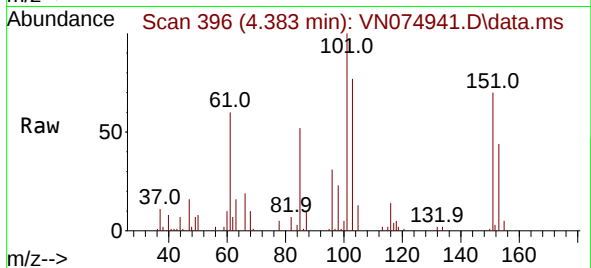
Tgt Ion: 74 Resp: 51354
Ion Ratio Lower Upper
74 100
45 79.1 40.1 120.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.886 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

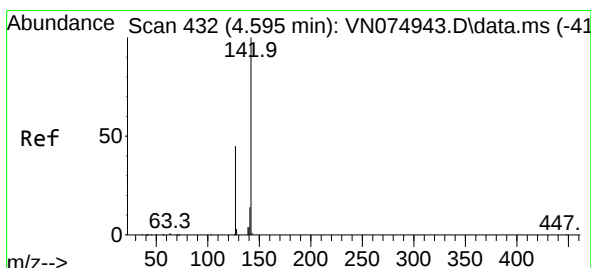
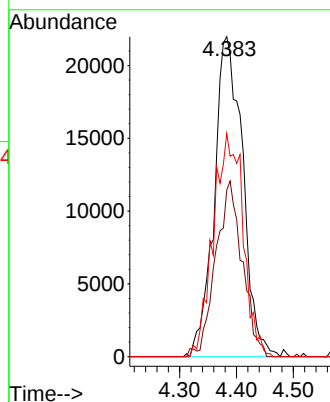
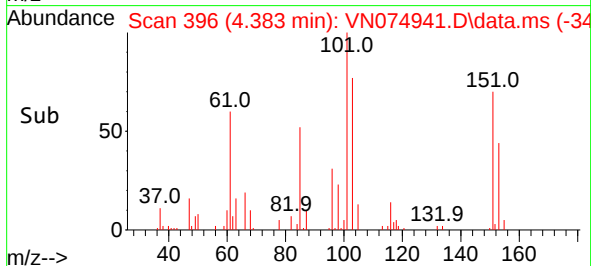
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion:101 Resp: 7619
Ion Ratio Lower Upper
101 100
85 51.4 37.8 56.8
151 73.0 58.5 87.7

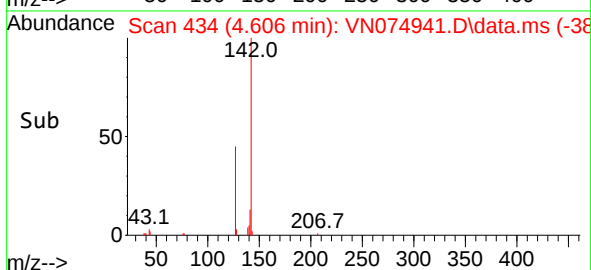
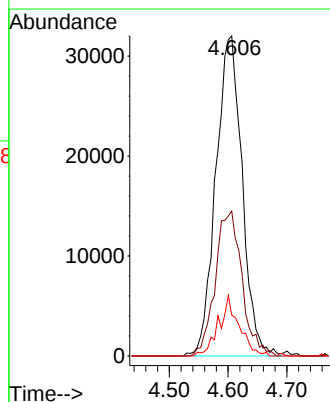
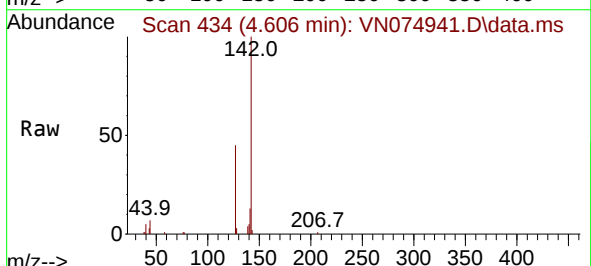
Manual Integrations
APPROVED

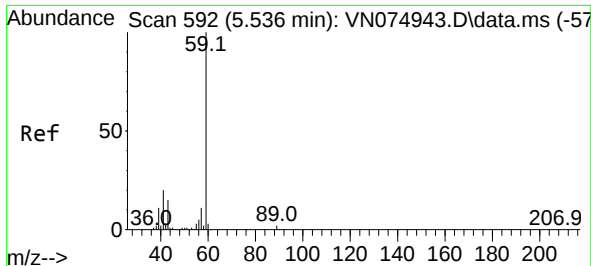
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 10.225 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.012 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

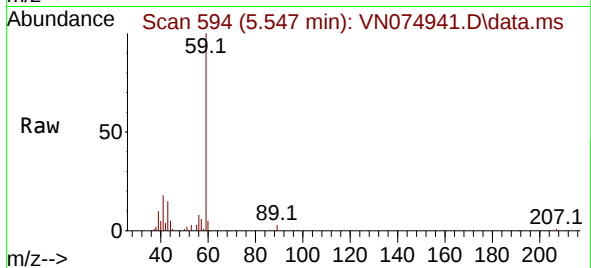
Tgt Ion:142 Resp: 99377
Ion Ratio Lower Upper
142 100
127 46.0 37.0 55.4
141 14.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 52.031 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.012 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

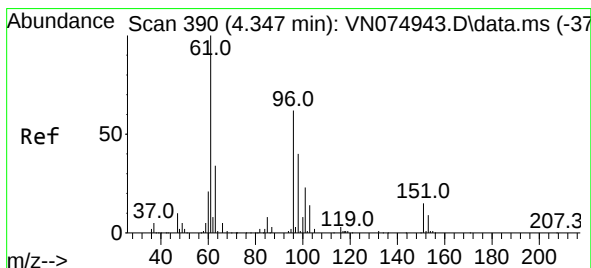
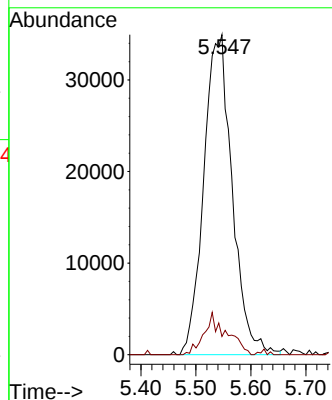
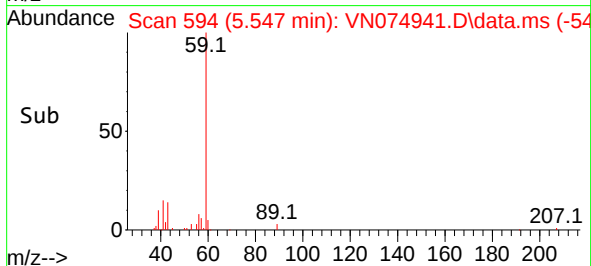
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



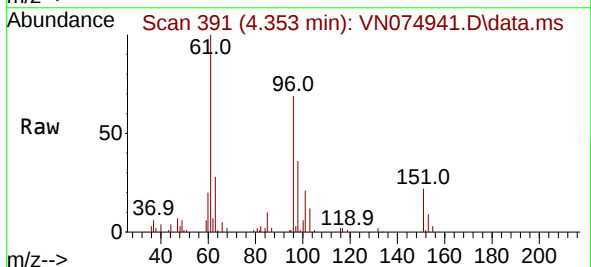
Tgt Ion: 59 Resp: 12555
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

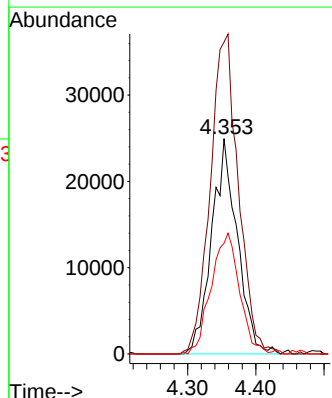
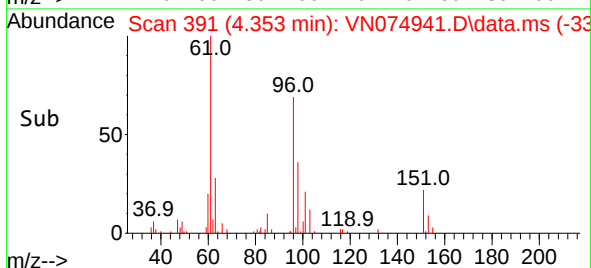
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

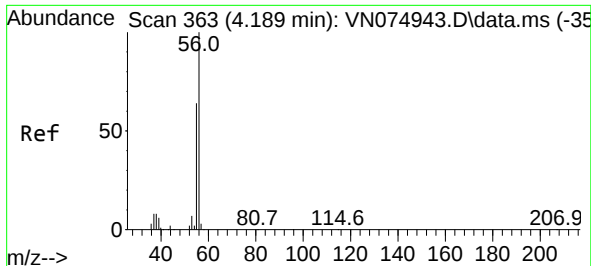


#12
1,1-Dichloroethene
Concen: 9.612 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



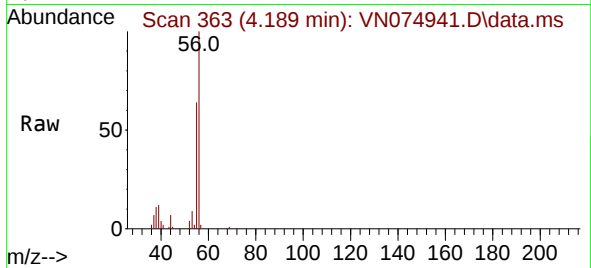
Tgt Ion: 96 Resp: 65289
Ion Ratio Lower Upper
96 100
61 144.8 128.9 193.3
98 51.4 51.8 77.8#





#13
Acrolein
Concen: 37.607 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

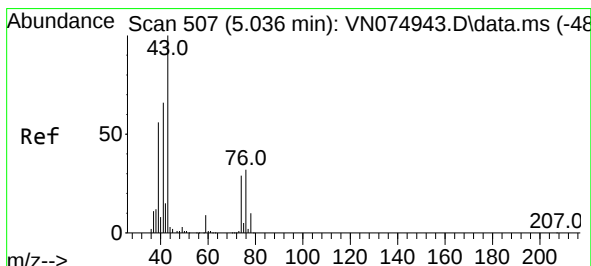
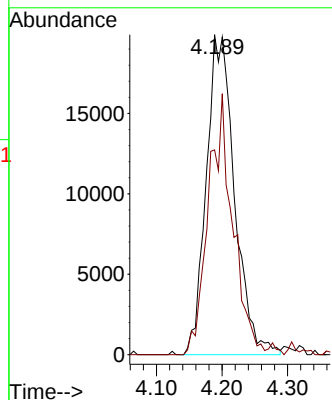
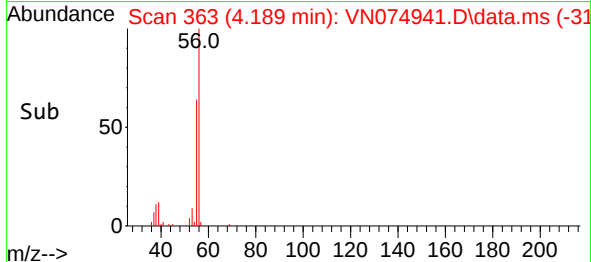
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 5956
Ion Ratio Lower Upper
56 100
55 70.3 53.7 80.5

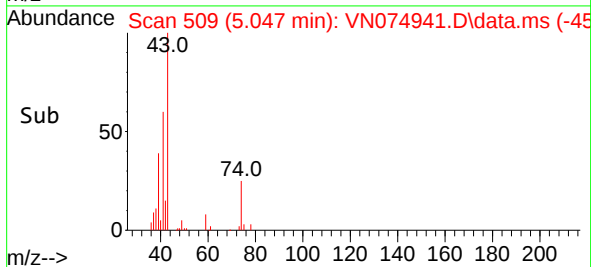
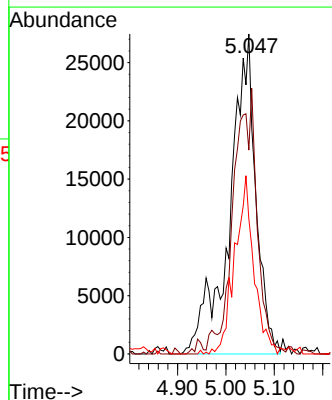
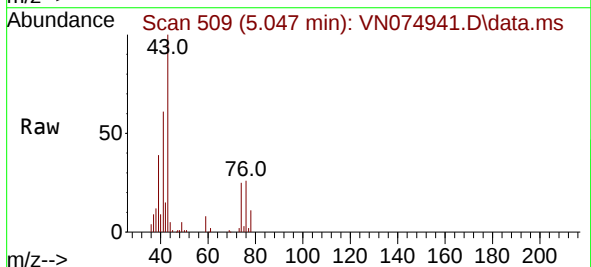
Manual Integrations
APPROVED

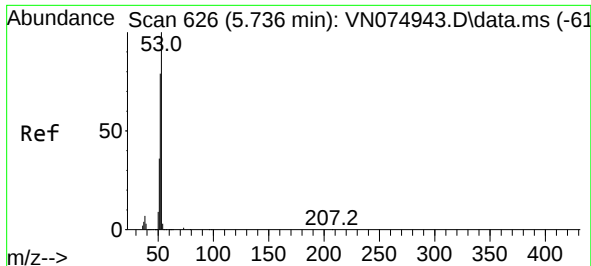
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Allyl chloride
Concen: 8.325 ug/l m
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

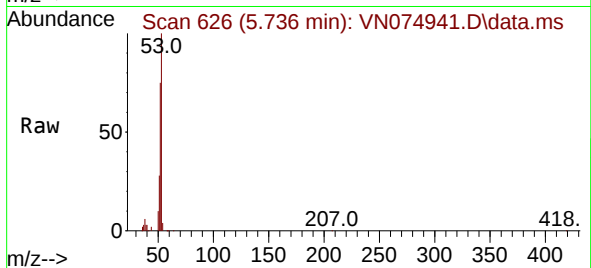
Tgt Ion: 41 Resp: 103412
Ion Ratio Lower Upper
41 100
39 71.3 60.0 90.0
76 40.5 33.7 50.5





#15
Acrylonitrile
Concen: 44.801 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

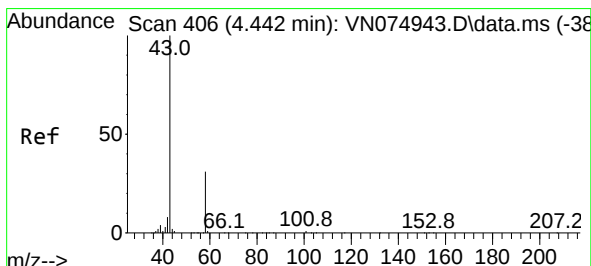
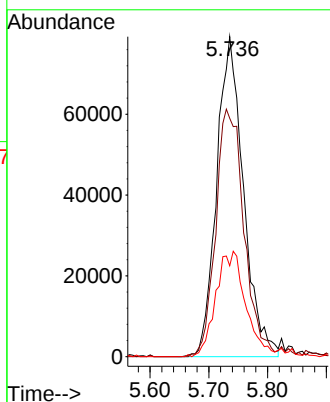
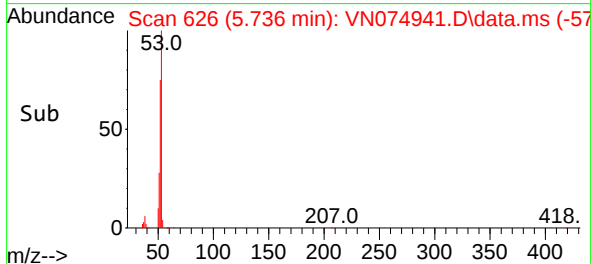
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



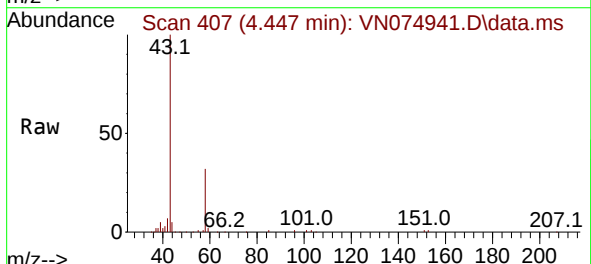
Tgt Ion: 53 Resp: 25081
Ion Ratio Lower Upper
53 100
52 81.2 66.7 100.1
51 18.6 28.8 43.2

Manual Integrations
APPROVED

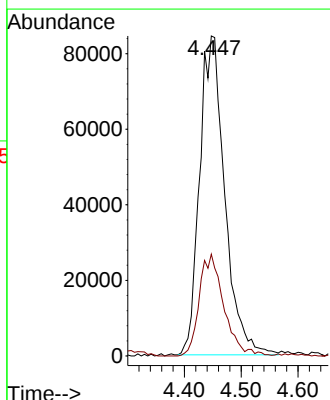
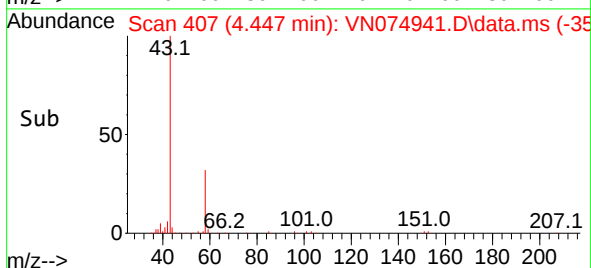
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

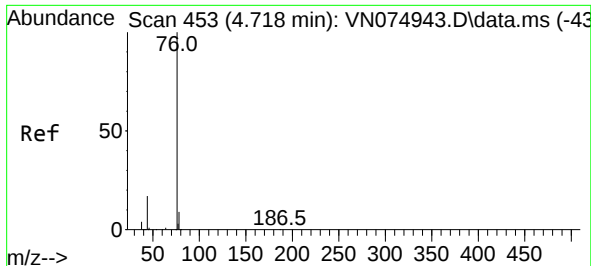


#16
Acetone
Concen: 54.117 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion: 43 Resp: 259642
Ion Ratio Lower Upper
43 100
58 31.9 25.7 38.5





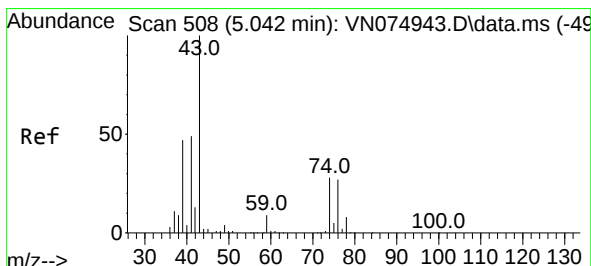
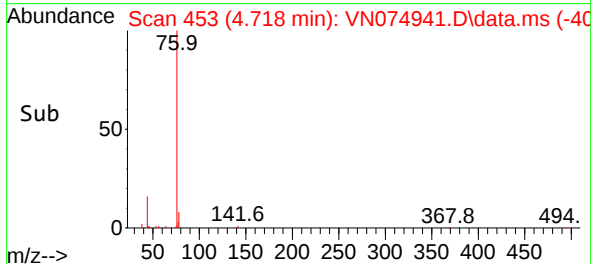
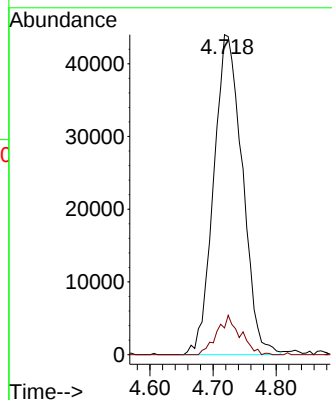
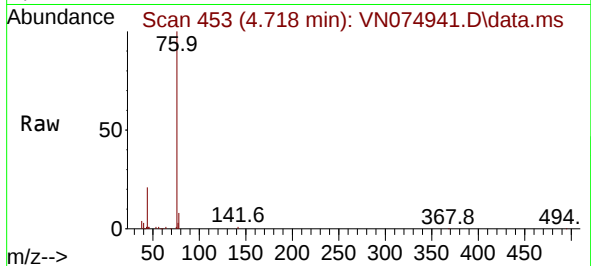
#17
Carbon Disulfide
Concen: 9.333 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 13889
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

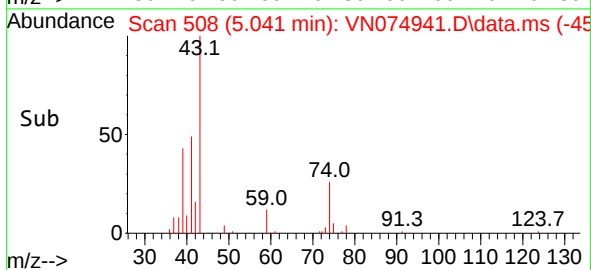
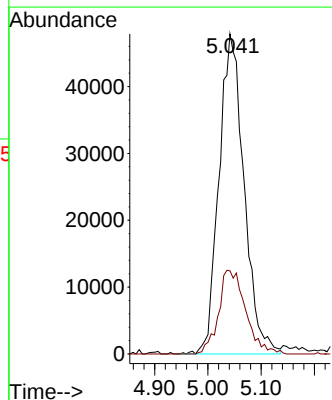
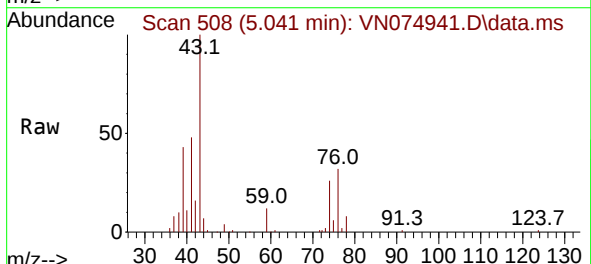
Manual Integrations
APPROVED

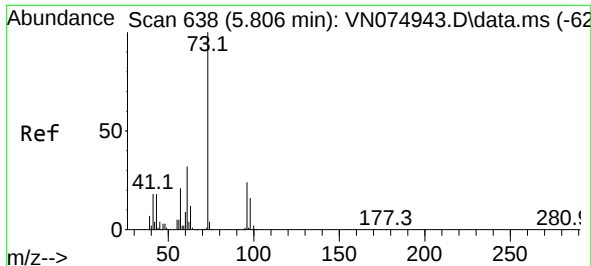
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 9.205 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

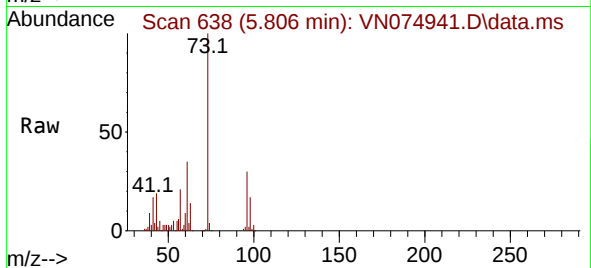
Tgt Ion: 43 Resp: 156539
Ion Ratio Lower Upper
43 100
74 28.3 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 10.392 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

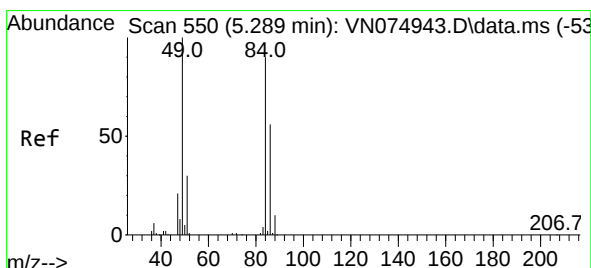
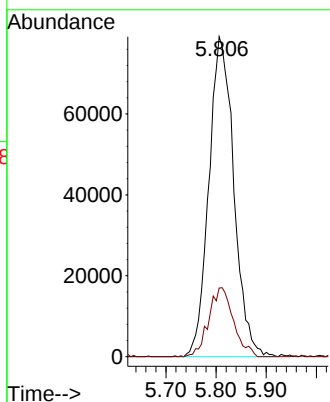
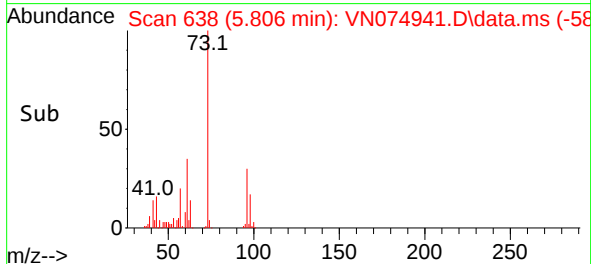
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 73 Resp: 27337
Ion Ratio Lower Upper
73 100
57 21.5 16.9 25.3

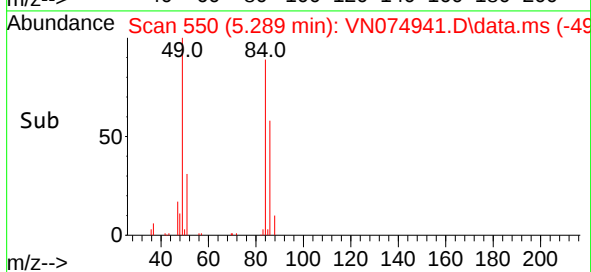
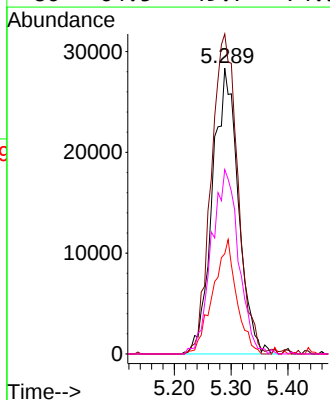
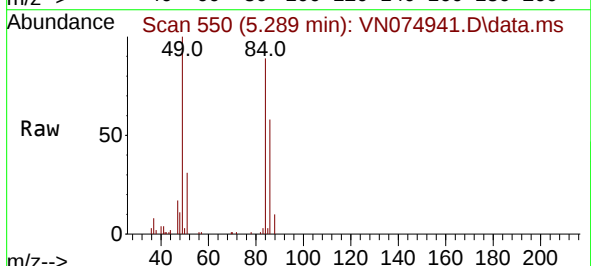
Manual Integrations
APPROVED

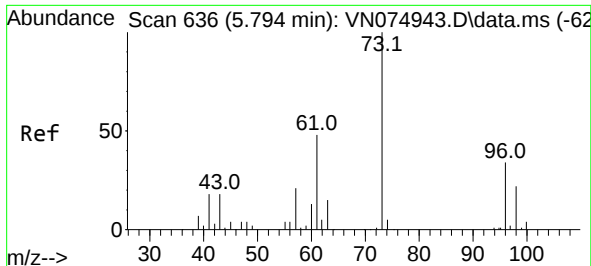
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 9.241 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

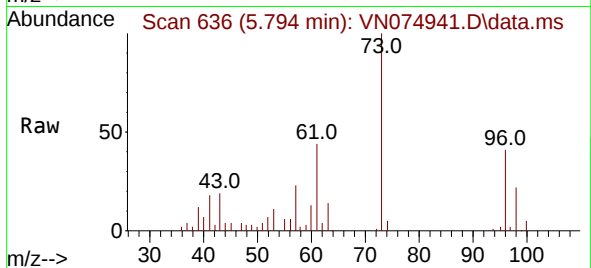
Tgt Ion: 84 Resp: 89642
Ion Ratio Lower Upper
84 100
49 112.0 88.6 133.0
51 35.1 26.7 40.1
86 64.5 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 10.138 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

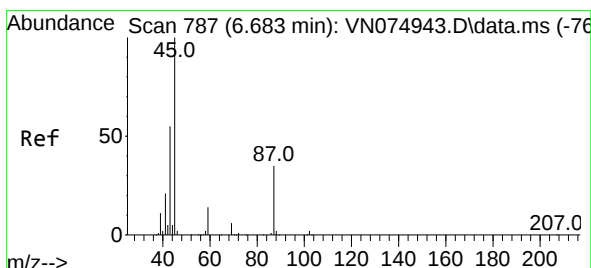
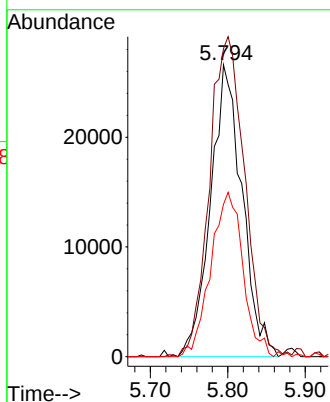
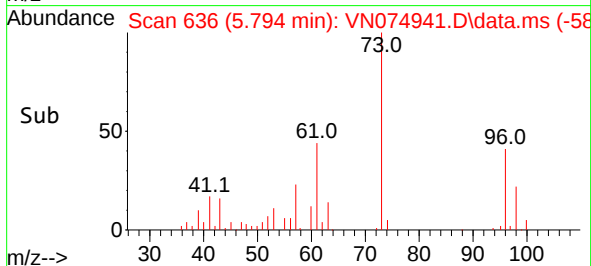
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



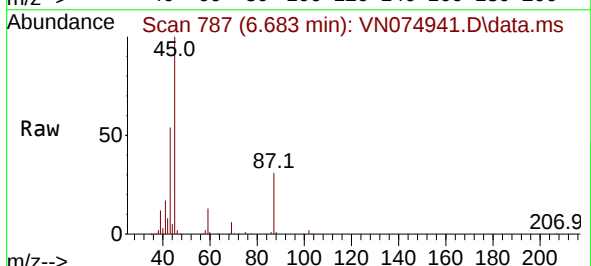
Tgt Ion: 96 Resp: 75273
Ion Ratio Lower Upper
96 100
61 105.5 112.6 169.0
98 52.2 52.4 78.6

Manual Integrations
APPROVED

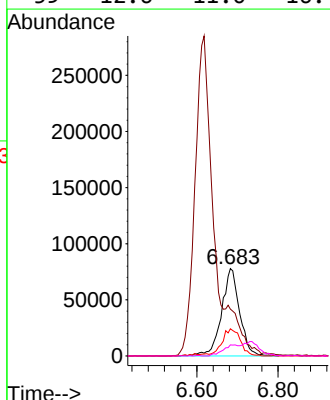
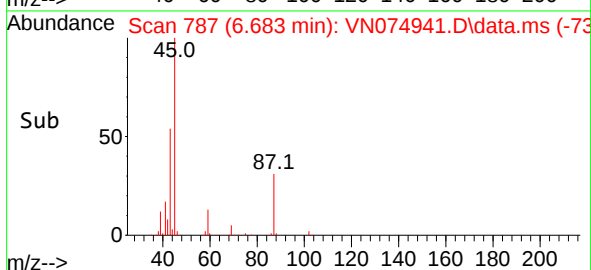
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

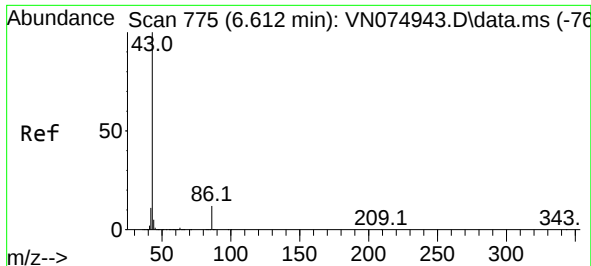


#22
Diisopropyl ether
Concen: 9.093 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



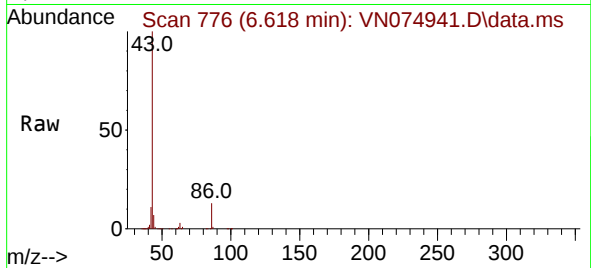
Tgt Ion: 45 Resp: 241260
Ion Ratio Lower Upper
45 100
43 52.4 44.9 67.3
87 31.1 28.0 42.0
59 12.6 11.0 16.4





#23
 Vinyl Acetate
 Concen: 44.097 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN074941.D
 Acq: 20 Oct 2022 14:50

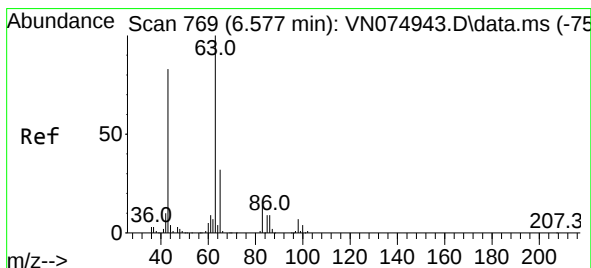
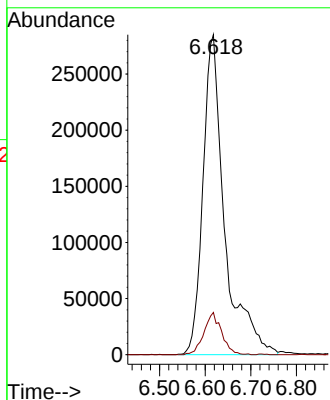
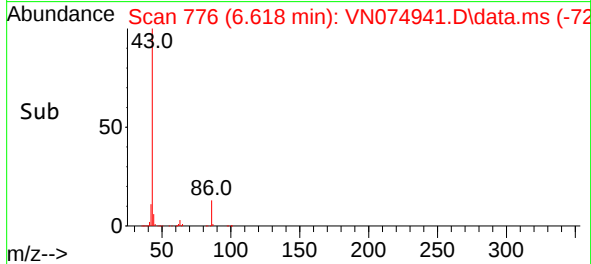
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



Tgt Ion: 43 Resp: 93980
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.4 14.0

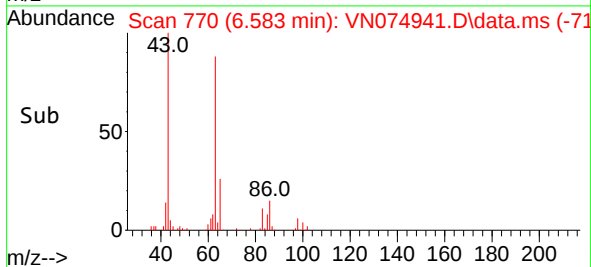
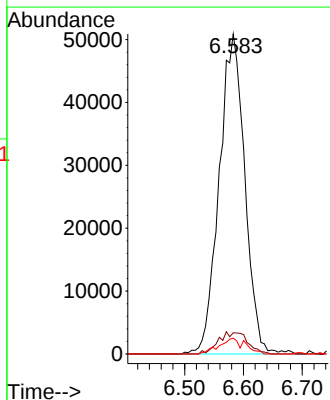
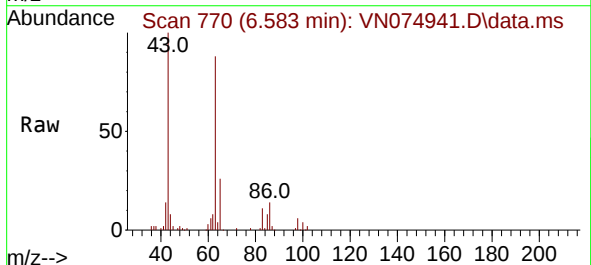
Manual Integrations
 APPROVED

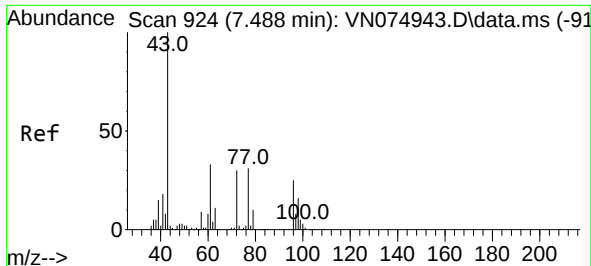
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#24
 1,1-Dichloroethane
 Concen: 9.900 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN074941.D
 Acq: 20 Oct 2022 14:50

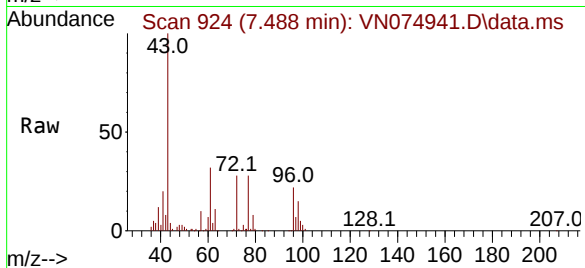
Tgt Ion: 63 Resp: 153658
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.7 11.1
 100 5.0 2.0 6.0





#25
2-Butanone
Concen: 45.519 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

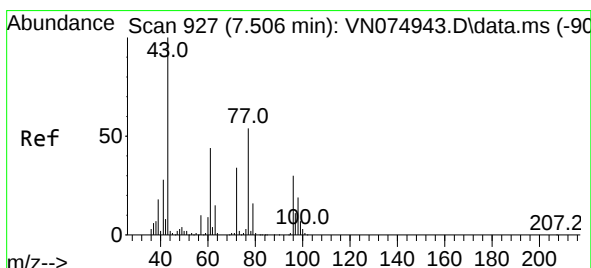
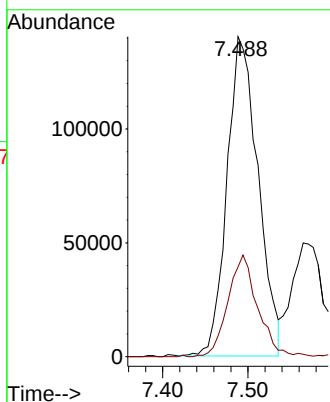
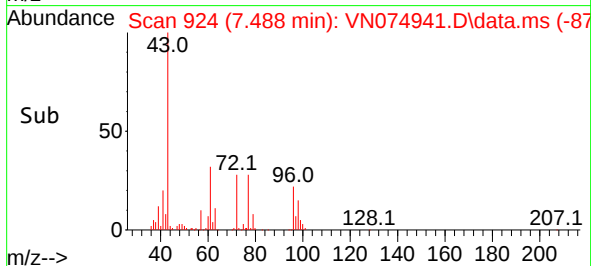
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 355272
Ion Ratio Lower Upper
43 100
72 28.1 23.9 35.9

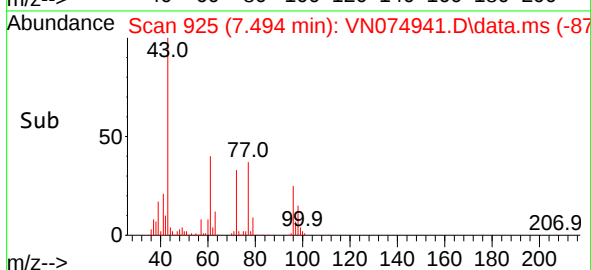
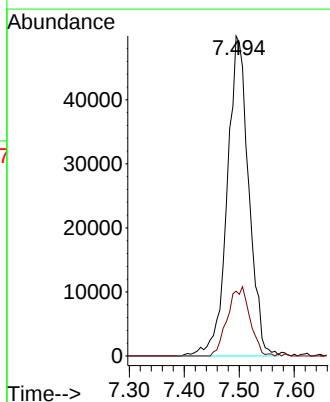
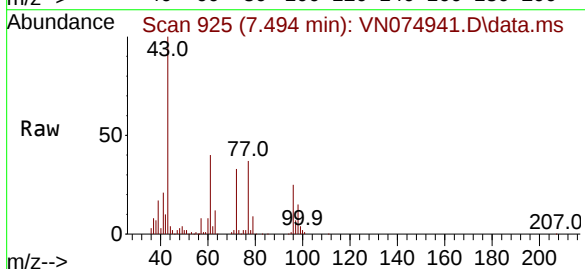
Manual Integrations
APPROVED

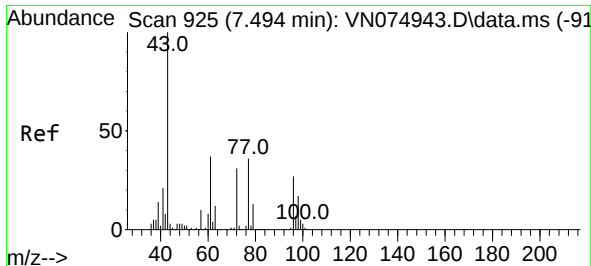
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
2,2-Dichloropropane
Concen: 11.001 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.012 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

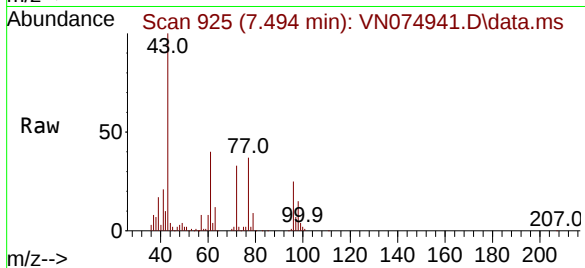
Tgt Ion: 77 Resp: 135621
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 9.568 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN074941.D
 Acq: 20 Oct 2022 14:50

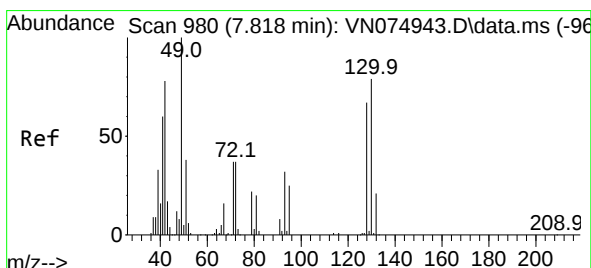
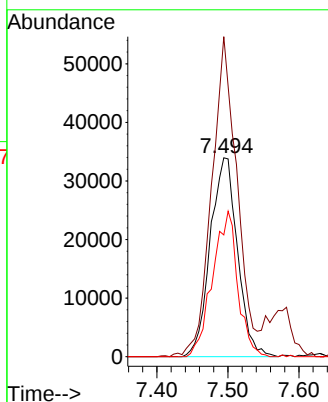
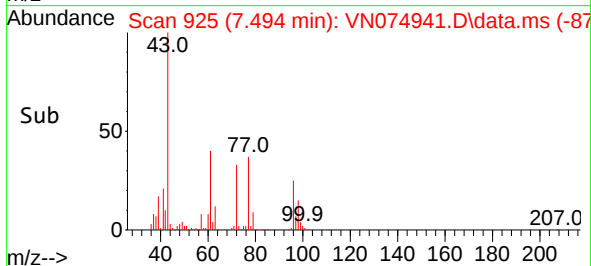
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 9031
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 277.8
 98 67.6 0.0 127.2

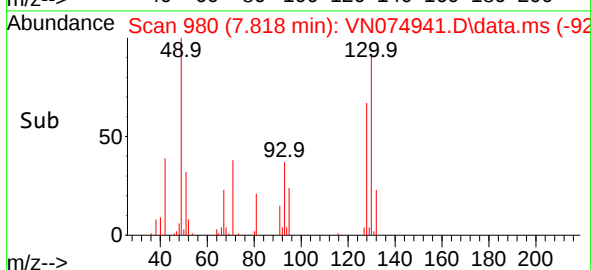
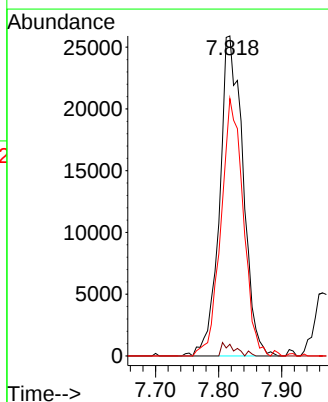
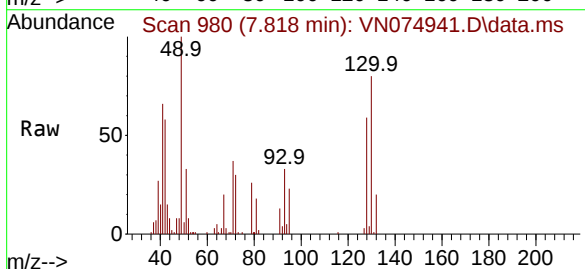
Manual Integrations
 APPROVED

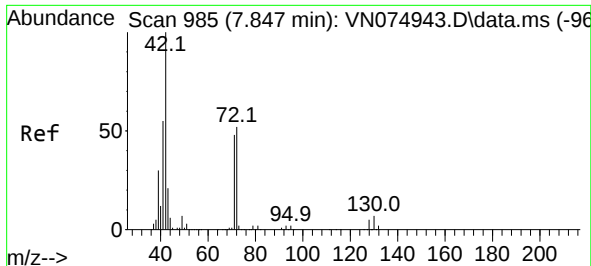
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#28
 Bromochloromethane
 Concen: 9.580 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN074941.D
 Acq: 20 Oct 2022 14:50

Tgt Ion: 49 Resp: 66720
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 76.3 64.4 96.6





#29

Tetrahydrofuran

Concen: 40.860 ug/l

RT: 7.847 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

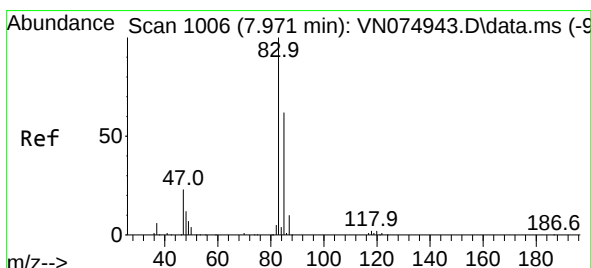
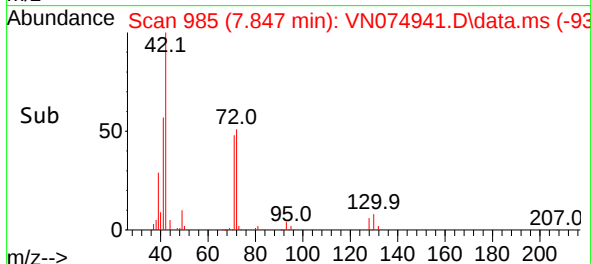
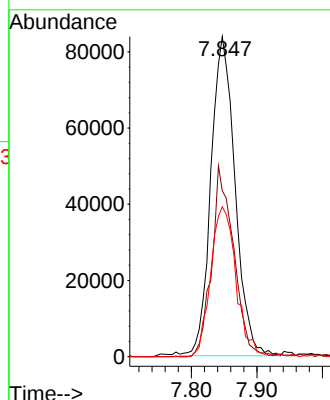
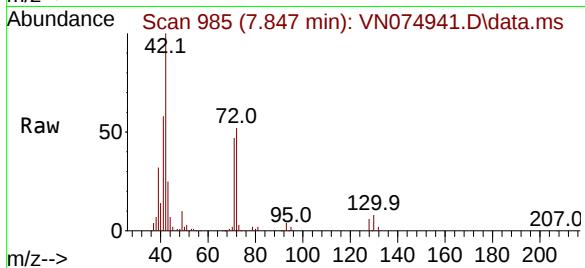
VSTDIC010

Tgt Ion: 42 Resp: 214274
 Ion Ratio Lower Upper
 42 100
 72 54.2 42.2 63.4
 71 49.4 39.4 59.2

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 10.232 ug/l

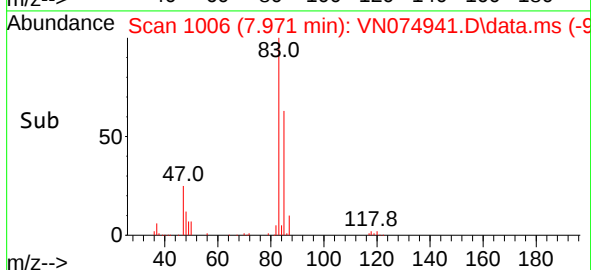
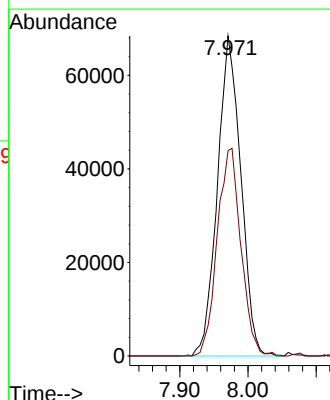
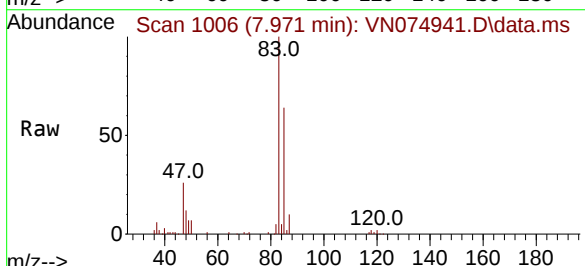
RT: 7.971 min Scan# 1006

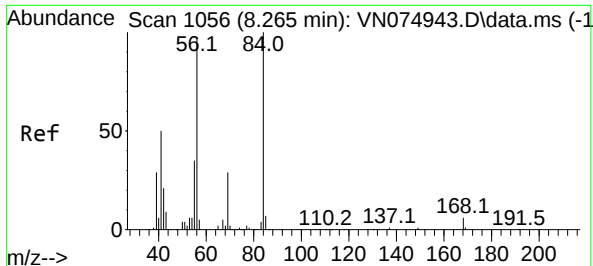
Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

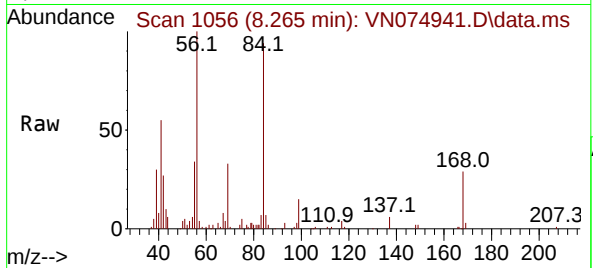
Tgt Ion: 83 Resp: 163689
 Ion Ratio Lower Upper
 83 100
 85 64.1 49.9 74.9





#31
Cyclohexane
Concen: 9.158 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

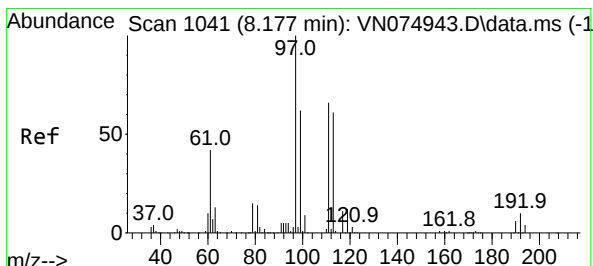
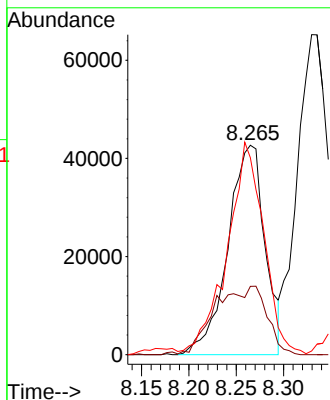
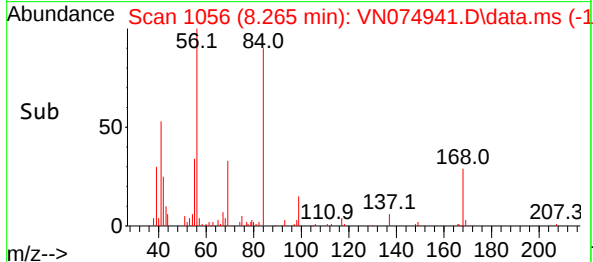
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 116369
Ion Ratio Lower Upper
56 100
69 32.2 24.2 36.2
84 92.5 82.8 124.2

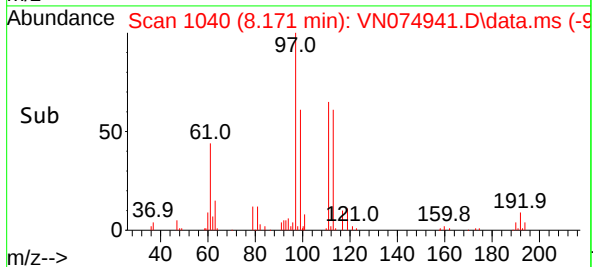
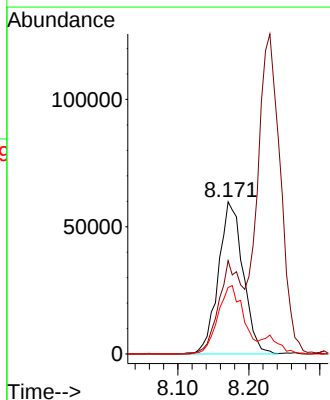
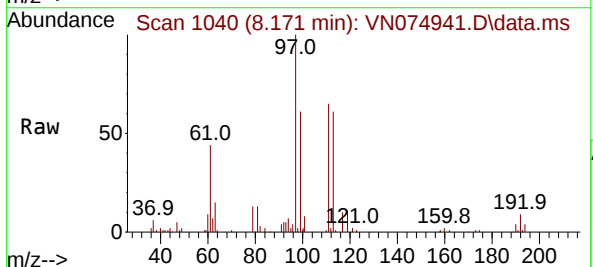
Manual Integrations
APPROVED

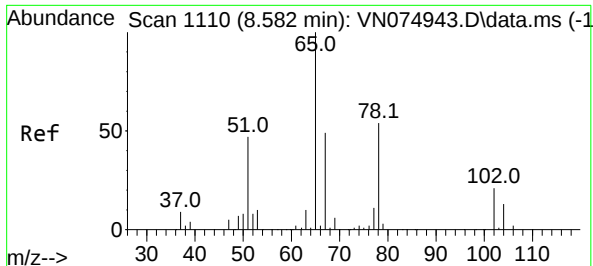
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#32
1,1,1-Trichloroethane
Concen: 10.670 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 97 Resp: 144643
Ion Ratio Lower Upper
97 100
99 56.8 53.0 79.4
61 46.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 10.600 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 109539

Ion Ratio Lower Upper

65 100

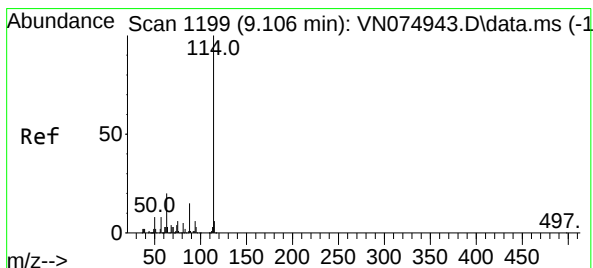
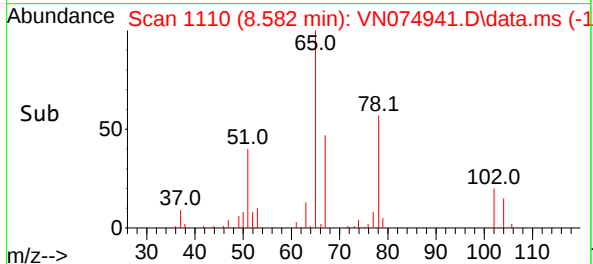
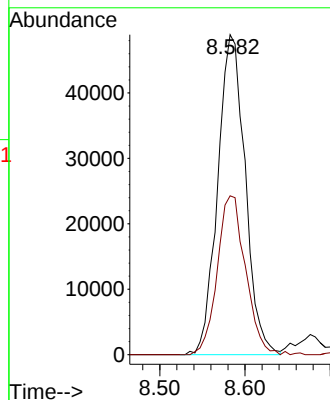
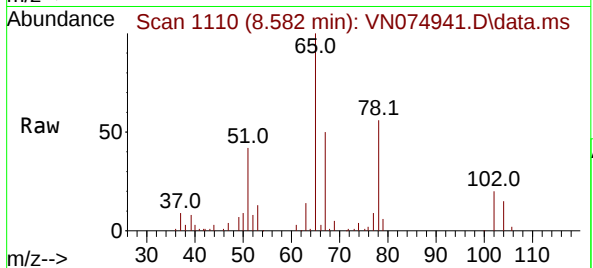
67 51.2 0.0 102.6

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: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

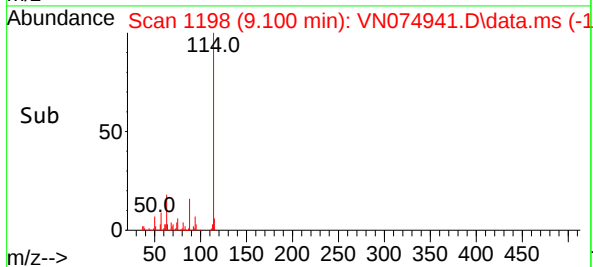
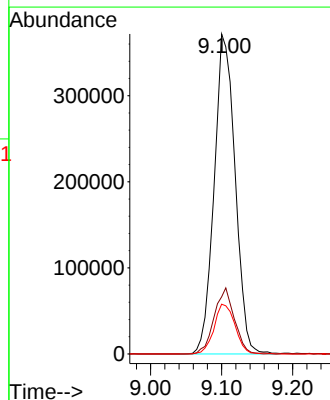
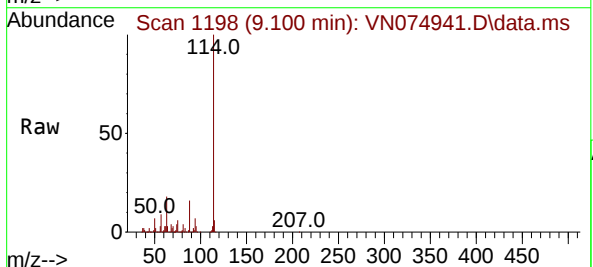
Tgt Ion:114 Resp: 761240

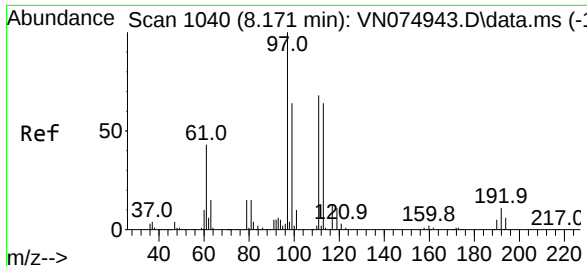
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.8

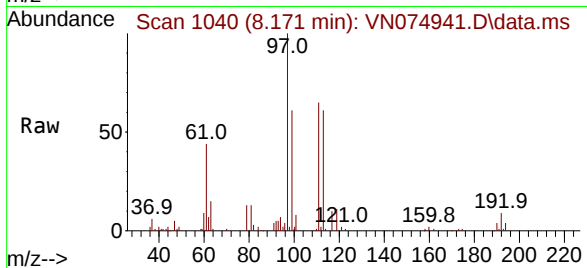
88 15.5 0.0 30.4





#35
Dibromofluoromethane
Concen: 10.447 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

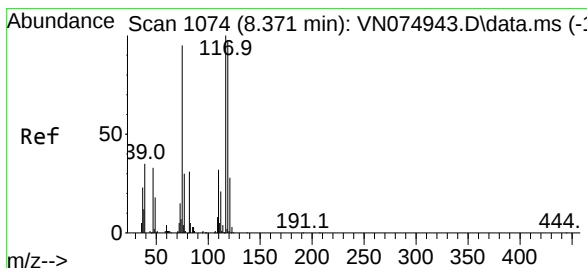
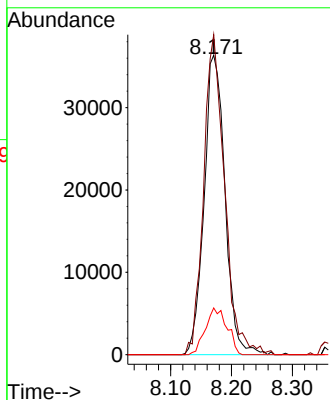
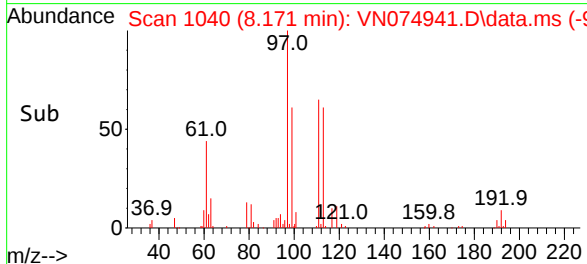
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



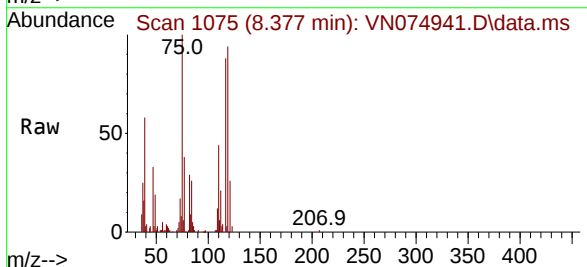
Tgt Ion: 113 Resp: 8691
Ion Ratio Lower Upper
113 100
111 106.5 83.4 125.2
192 16.2 13.3 19.9

Manual Integrations
APPROVED

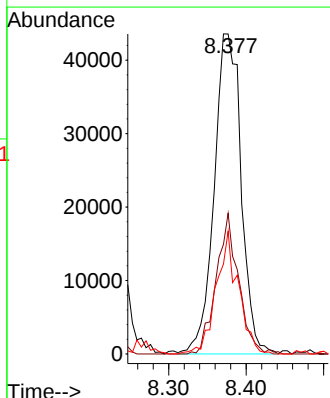
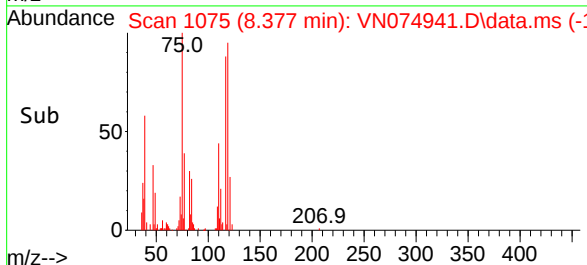
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

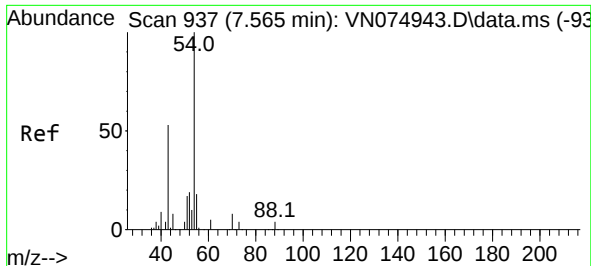


#36
1,1-Dichloropropene
Concen: 9.285 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion: 75 Resp: 105439
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.4
77 31.4 25.0 37.4





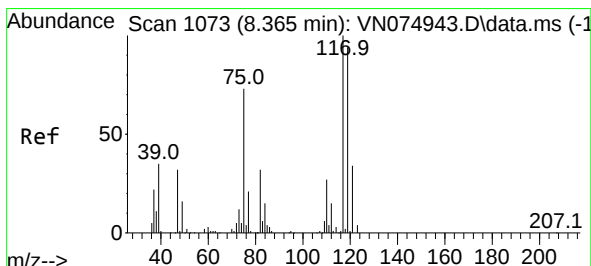
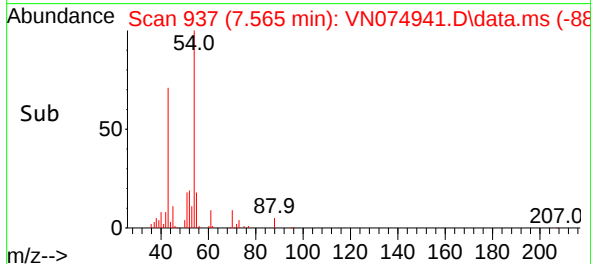
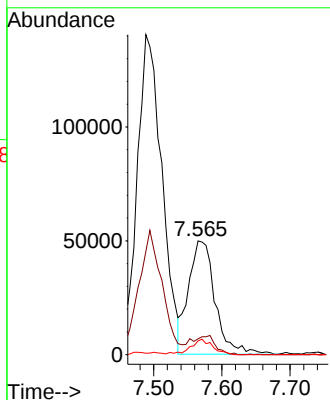
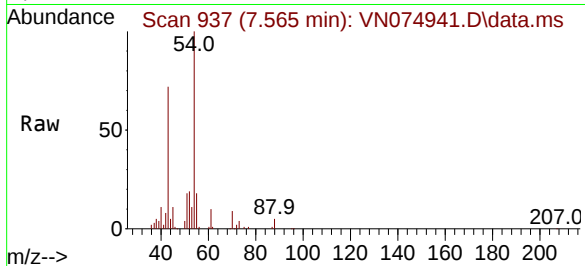
#37
Ethyl Acetate
Concen: 8.847 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 13485
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 11.3 9.2 13.8

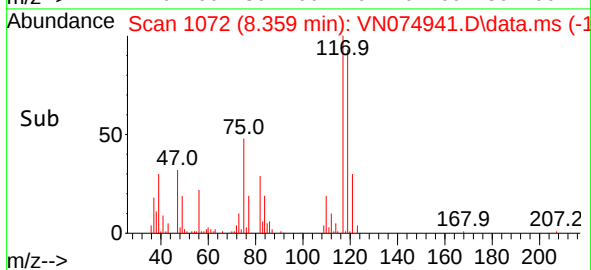
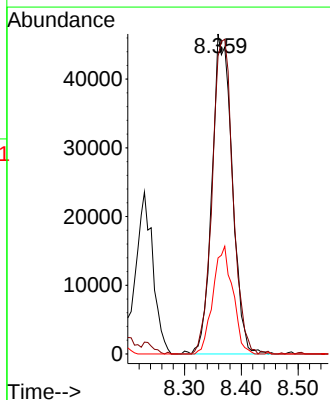
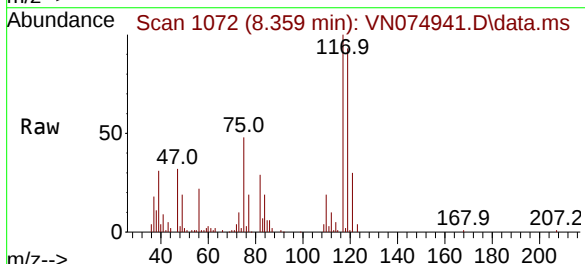
Manual Integrations
APPROVED

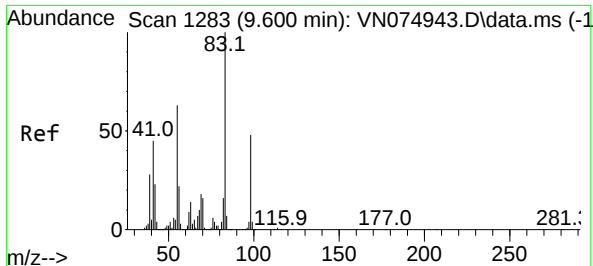
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#38
Carbon Tetrachloride
Concen: 10.169 ug/l
RT: 8.359 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion:117 Resp: 114883
Ion Ratio Lower Upper
117 100
119 93.0 75.2 112.8
121 30.0 27.0 40.6





#39

Methylcyclohexane

Concen: 9.326 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

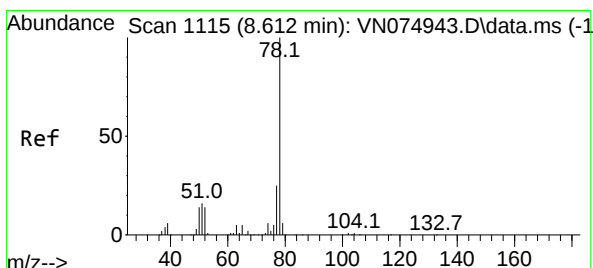
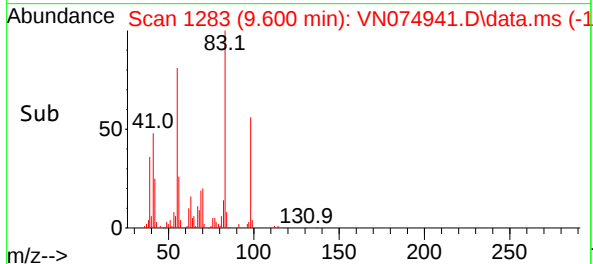
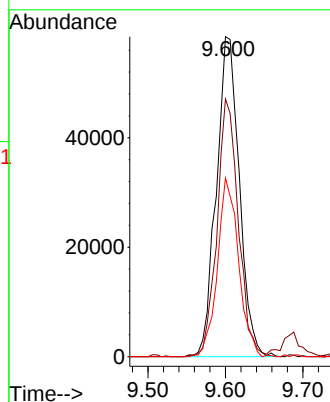
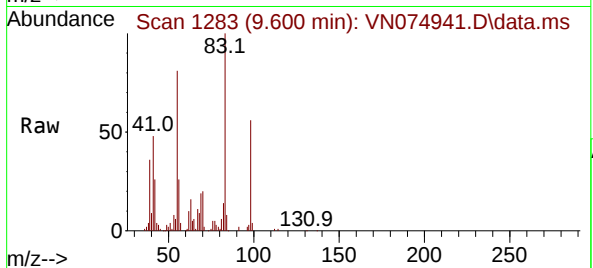
Tgt Ion: 83	Resp: 12049
Ion Ratio	Lower Upper
83 100	
55 80.5	50.8 76.2
98 55.9	38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 9.119 ug/l

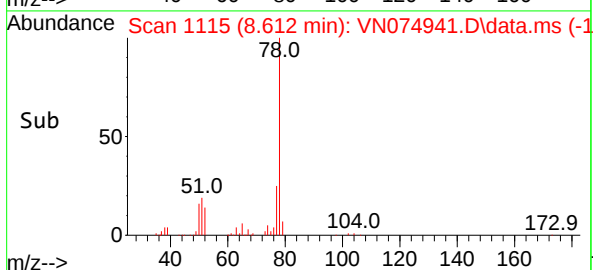
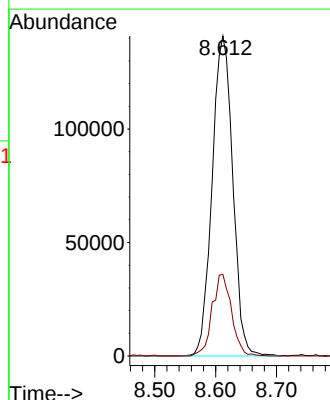
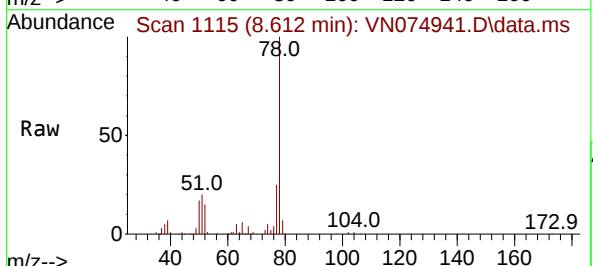
RT: 8.612 min Scan# 1115

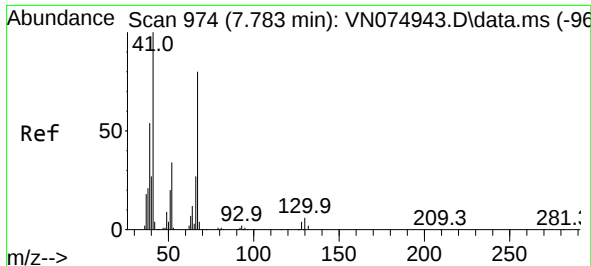
Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

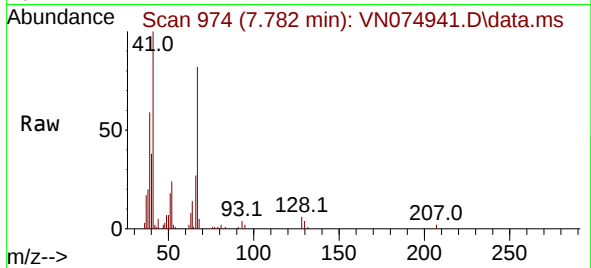
Tgt Ion: 78	Resp: 331945
Ion Ratio	Lower Upper
78 100	
77 25.4	19.6 29.4





#41
Methacrylonitrile
Concen: 7.792 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

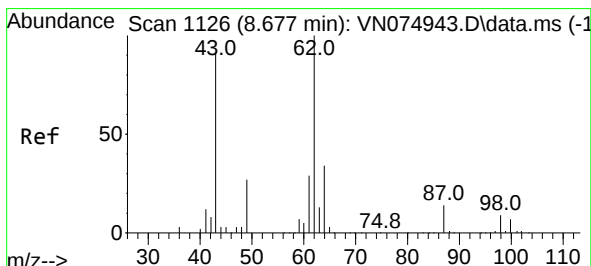
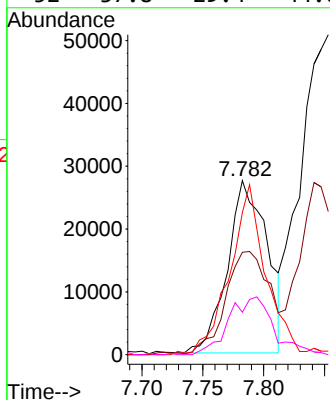
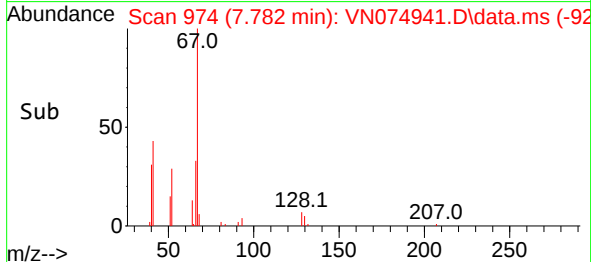
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



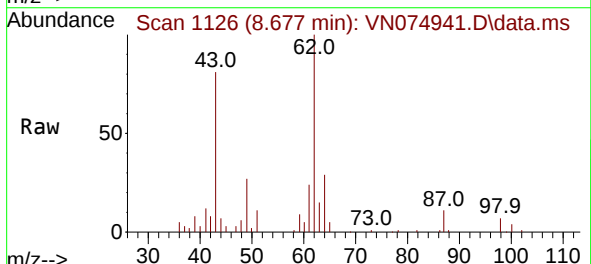
Tgt Ion: 41 Resp: 62424
Ion Ratio Lower Upper
41 100
39 64.6 47.9 71.9
67 88.9 70.8 106.2
52 37.8 29.4 44.0

Manual Integrations
APPROVED

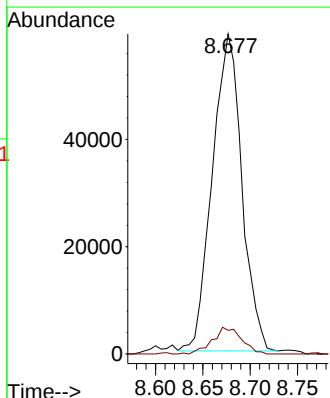
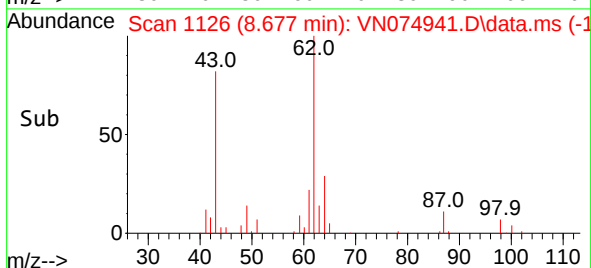
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

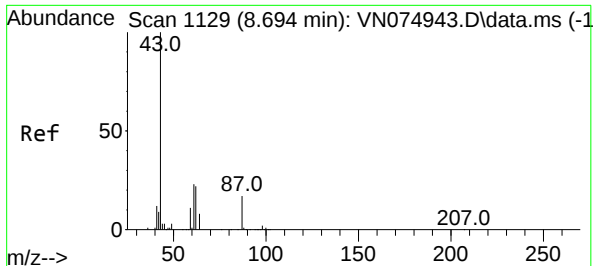


#42
1,2-Dichloroethane
Concen: 10.510 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion: 62 Resp: 128091
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 8.387 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

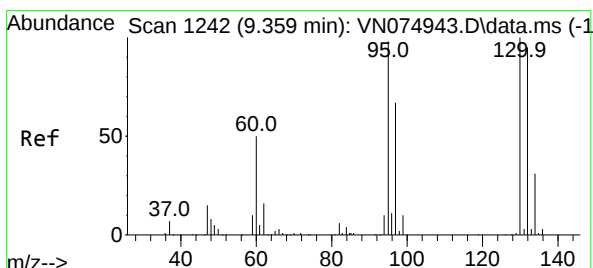
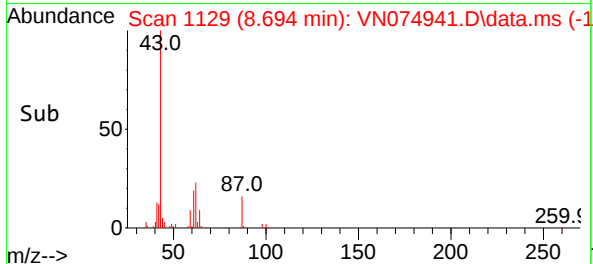
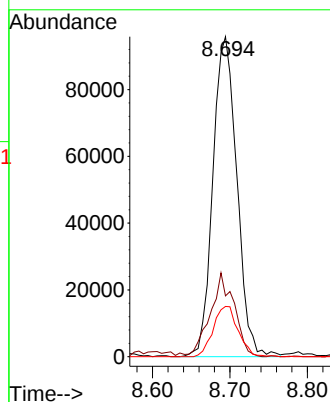
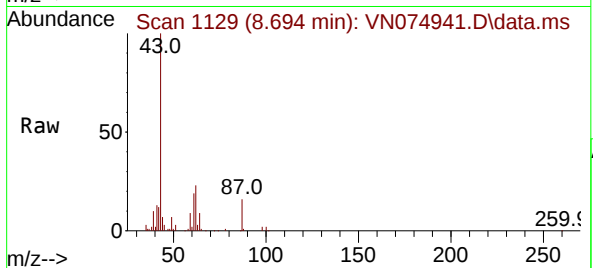
VSTDICC010

Tgt Ion: 43 Resp: 206720
 Ion Ratio Lower Upper
 43 100
 61 26.1 22.3 33.5
 87 16.3 12.8 19.2

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 9.766 ug/l

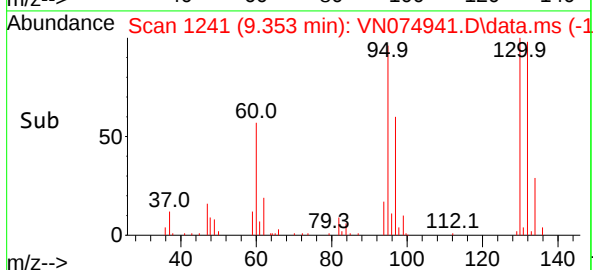
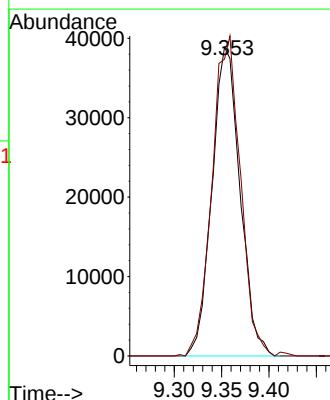
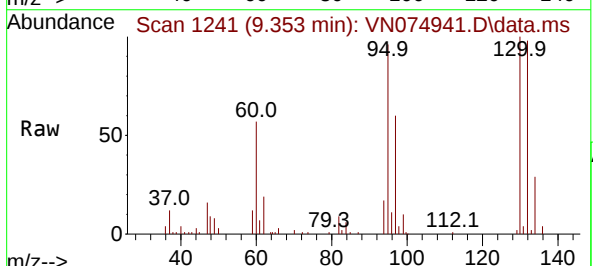
RT: 9.353 min Scan# 1241

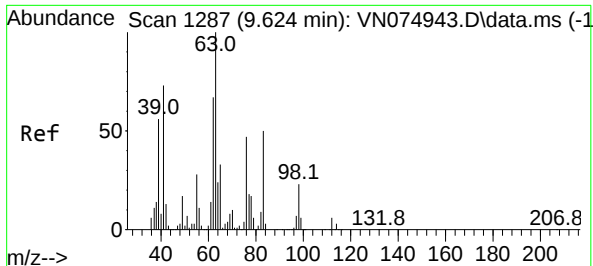
Delta R.T. -0.006 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Tgt Ion:130 Resp: 80303
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 195.8





#45

1,2-Dichloropropane

Concen: 8.990 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 88580

Ion Ratio Lower Upper

63 100

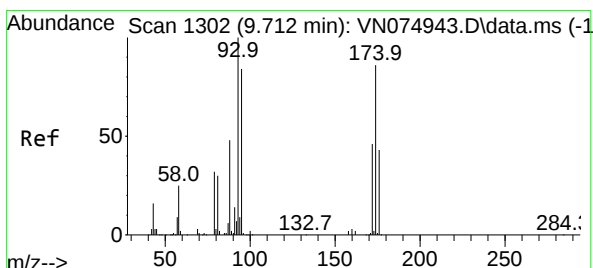
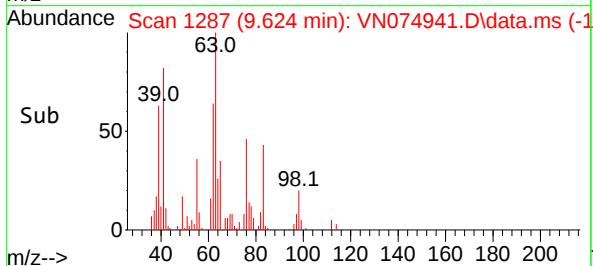
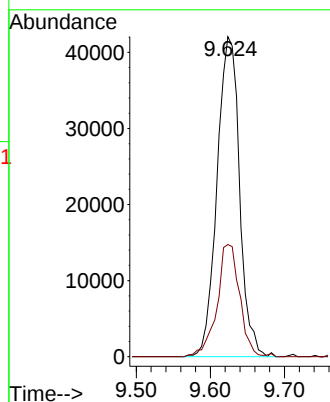
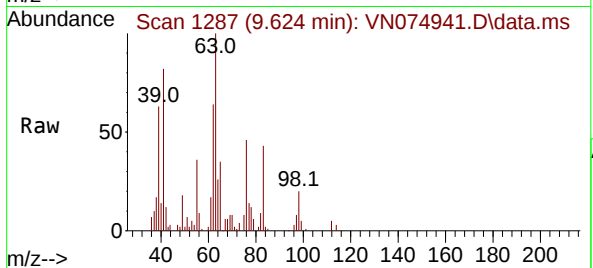
65 35.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 10.391 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

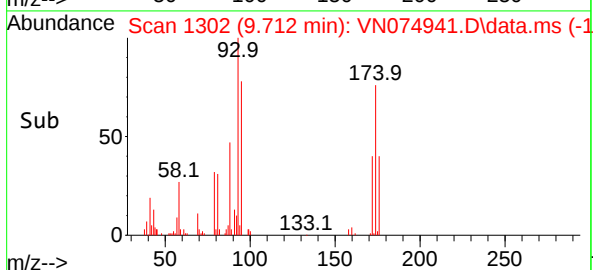
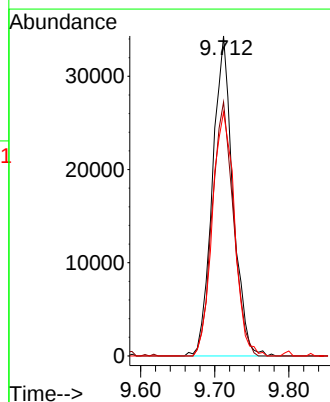
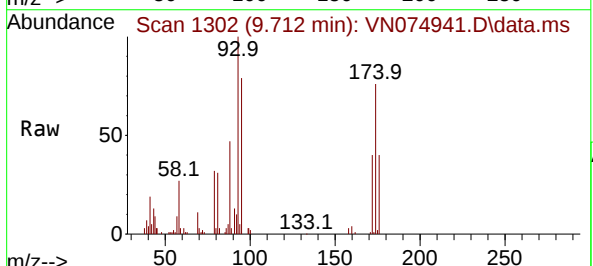
Tgt Ion: 93 Resp: 65737

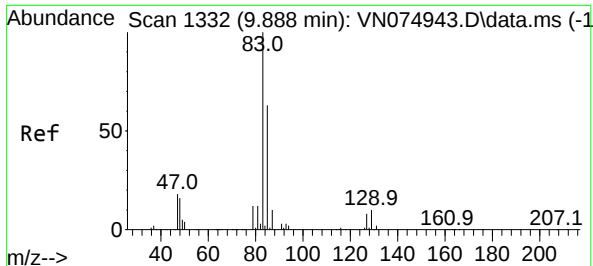
Ion Ratio Lower Upper

93 100

95 82.5 66.0 99.0

174 82.5 68.8 103.2





#47

Bromodichloromethane

Concen: 10.113 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 12835

Ion Ratio Lower Upper

83 100

85 70.4 50.1 75.1

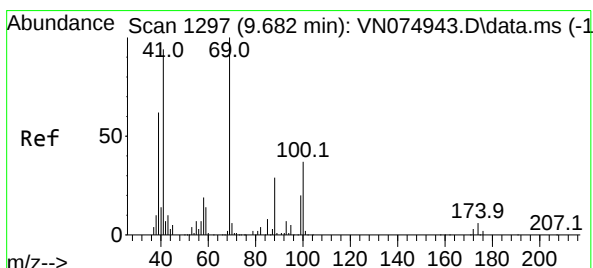
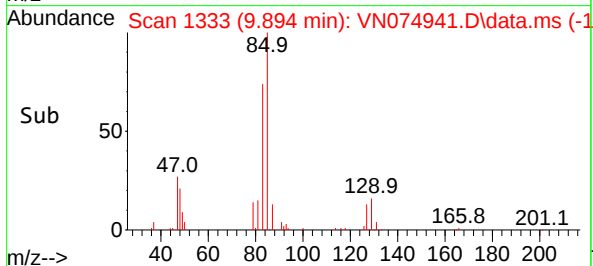
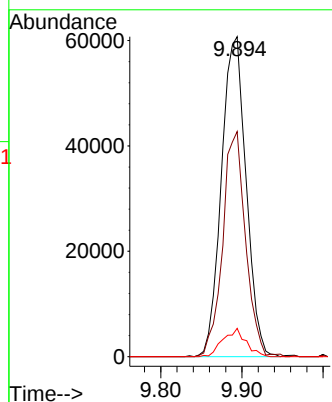
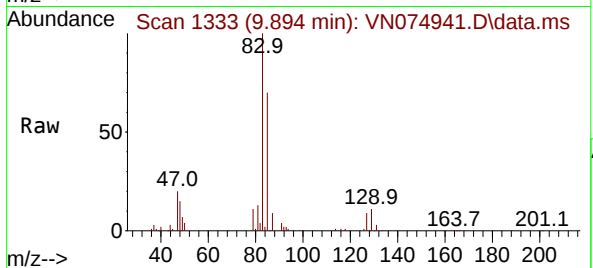
127 8.8 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Methyl methacrylate

Concen: 8.321 ug/l

RT: 9.676 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

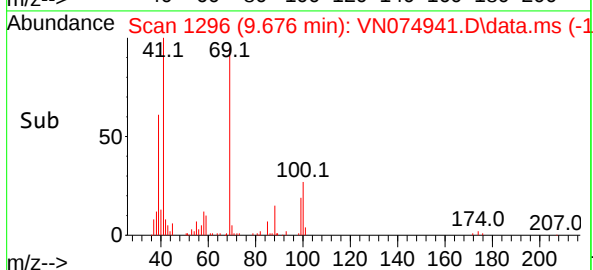
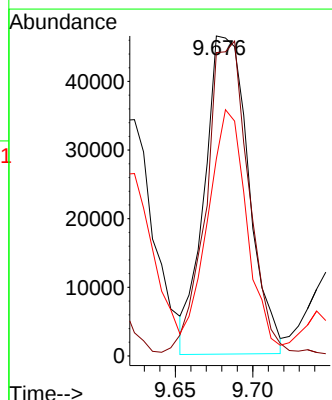
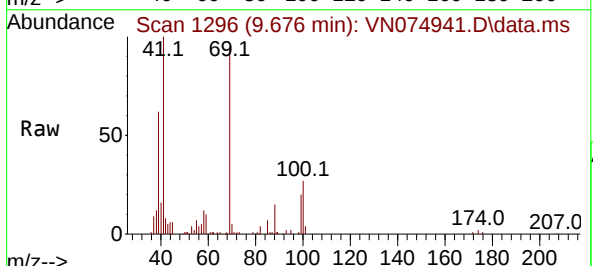
Tgt Ion: 41 Resp: 91767

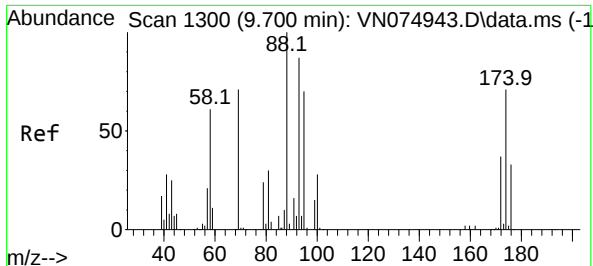
Ion Ratio Lower Upper

41 100

69 96.0 79.7 119.5

39 70.3 55.1 82.7





#49

1,4-Dioxane

Concen: 223.383 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 5527

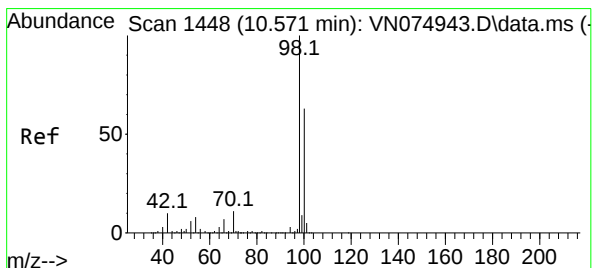
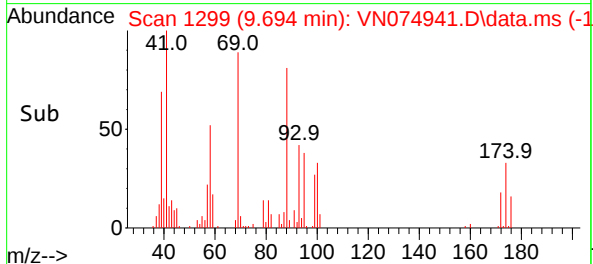
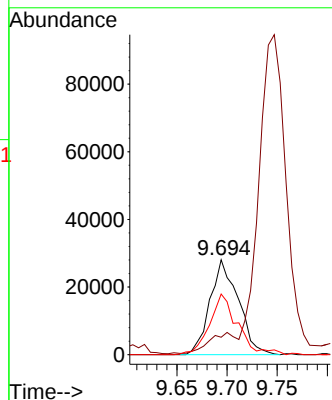
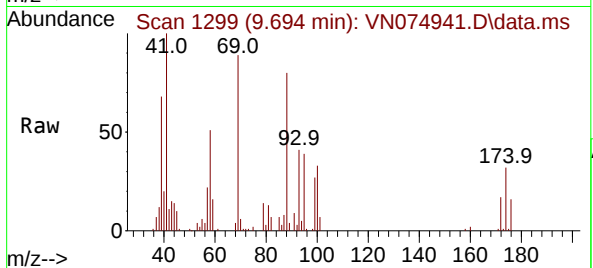
Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.1	31.7
58	63.4	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 9.594 ug/l

RT: 10.571 min Scan# 1448

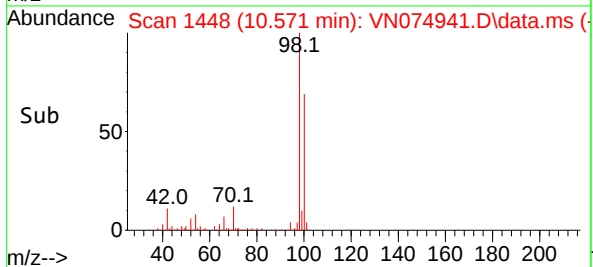
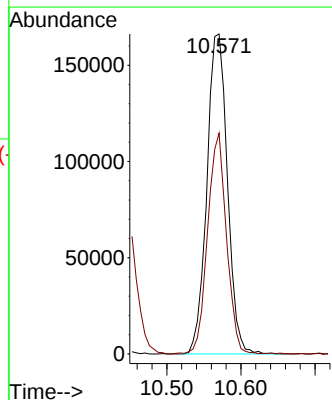
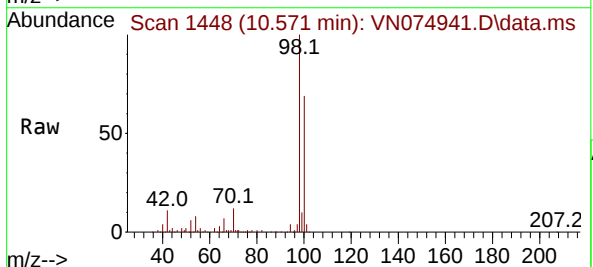
Delta R.T. -0.000 min

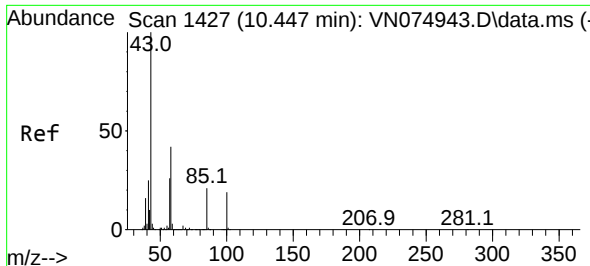
Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Tgt Ion: 98 Resp: 319866

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2





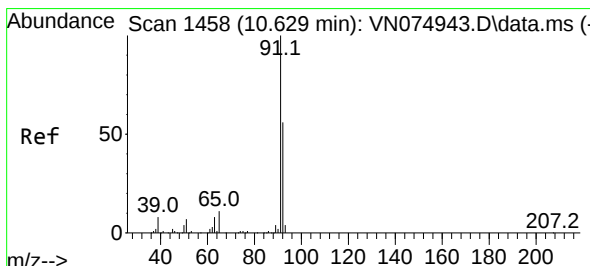
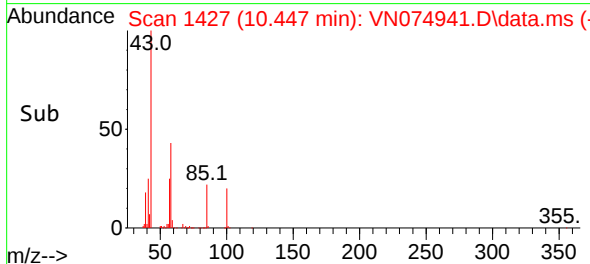
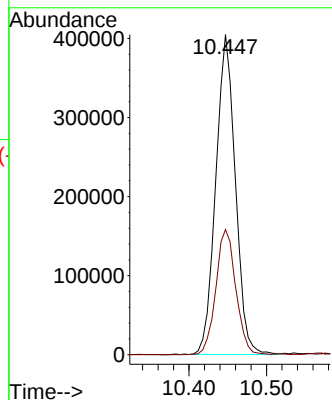
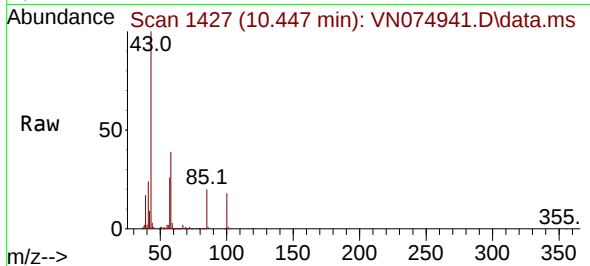
#51
4-Methyl-2-Pentanone
Concen: 44.497 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 709648
Ion Ratio Lower Upper
43 100
58 39.9 33.6 50.4

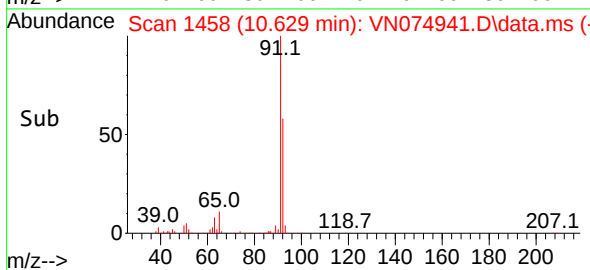
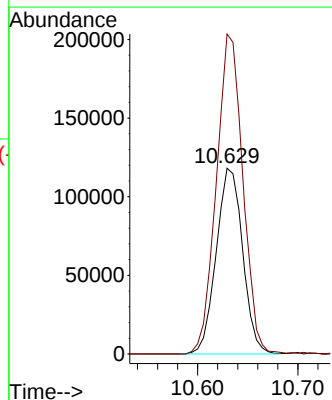
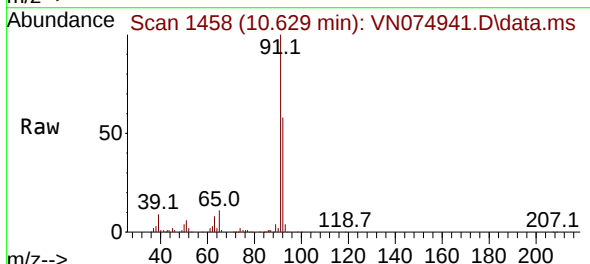
Manual Integrations
APPROVED

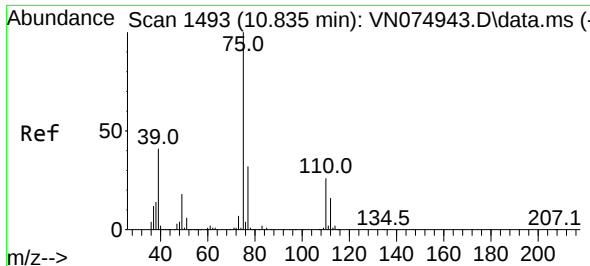
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 9.651 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

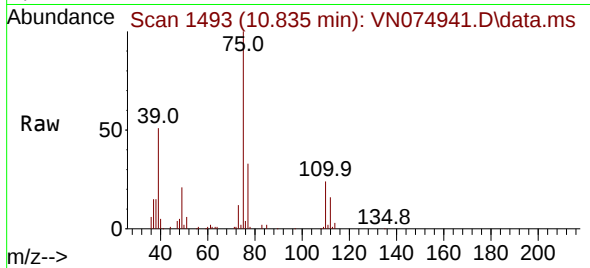
Tgt Ion: 92 Resp: 216233
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 9.334 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

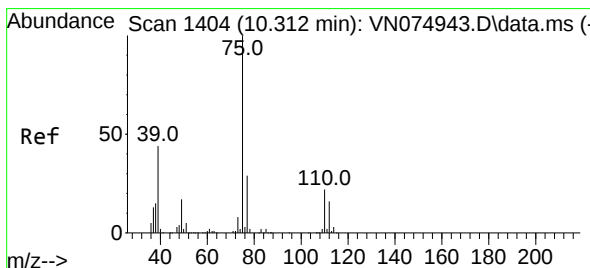
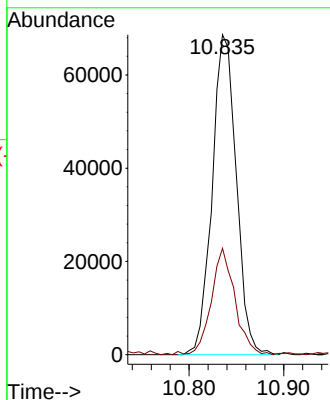
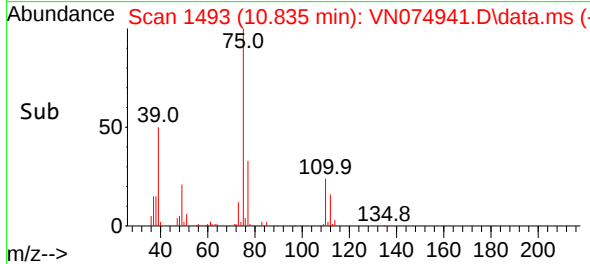
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



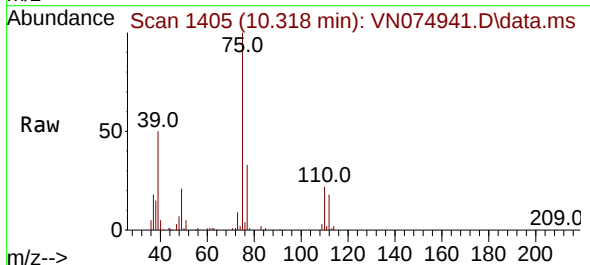
Tgt Ion: 75 Resp: 121560
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

Manual Integrations
APPROVED

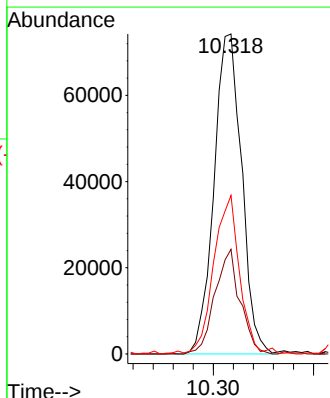
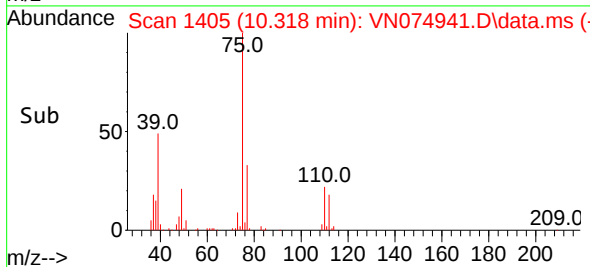
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

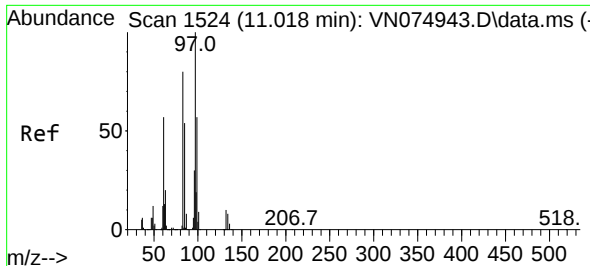


#54
cis-1,3-Dichloropropene
Concen: 10.109 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



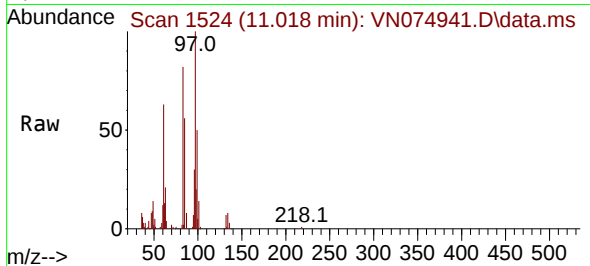
Tgt Ion: 75 Resp: 142065
Ion Ratio Lower Upper
75 100
77 32.7 23.5 35.3
39 49.4 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 10.335 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

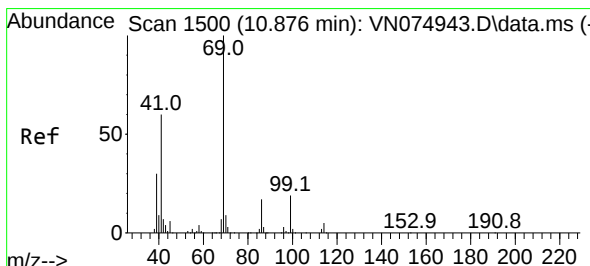
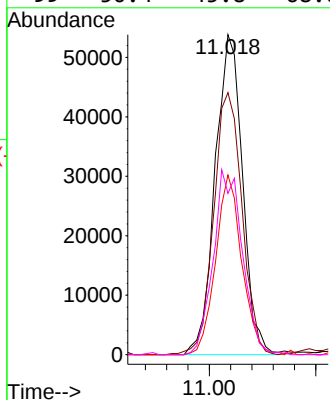
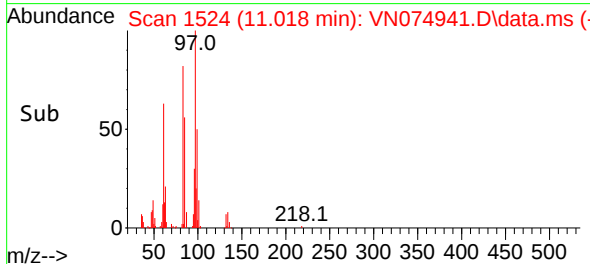
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	64.2	96.4
85	56.1	43.3	64.9
99	50.4	45.8	68.6

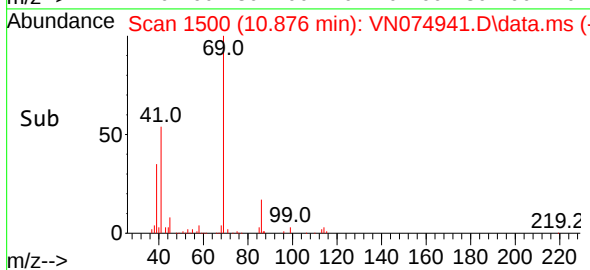
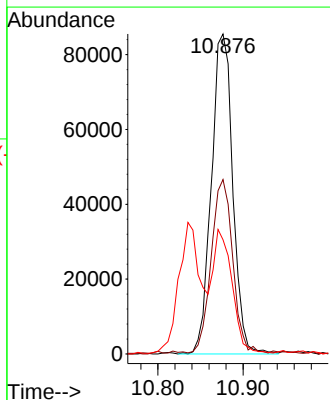
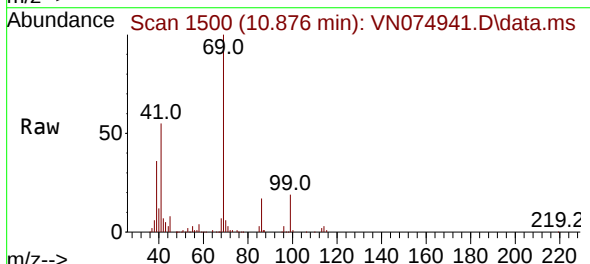
Manual Integrations
APPROVED

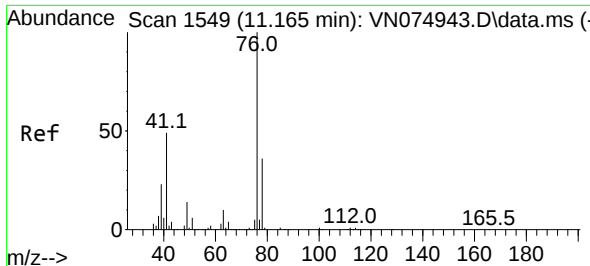
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#56
Ethyl methacrylate
Concen: 10.099 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.2	45.1	67.7
39	33.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 9.809 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 160602

Ion Ratio Lower Upper

76 100

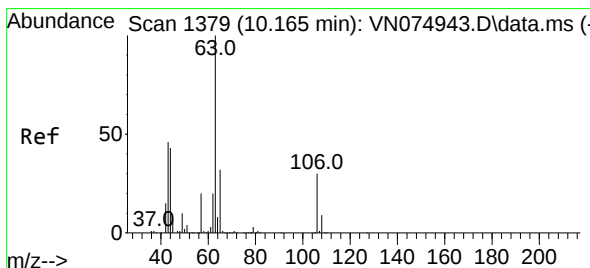
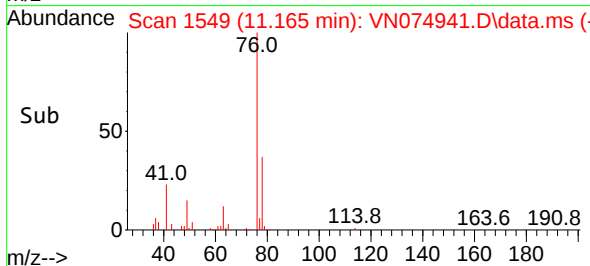
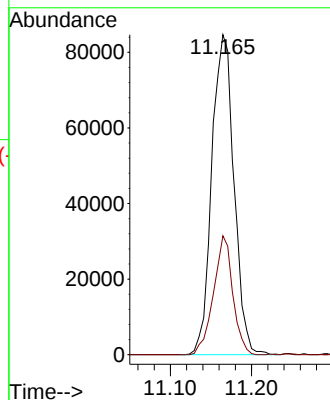
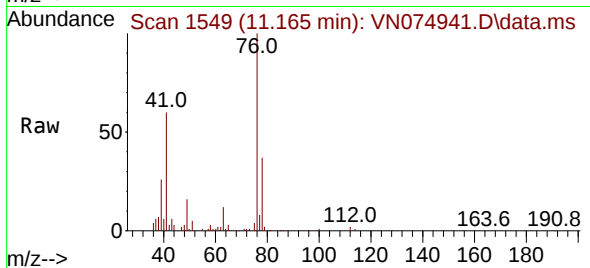
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 44.224 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074941.D

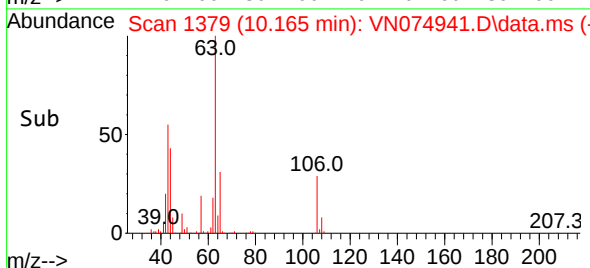
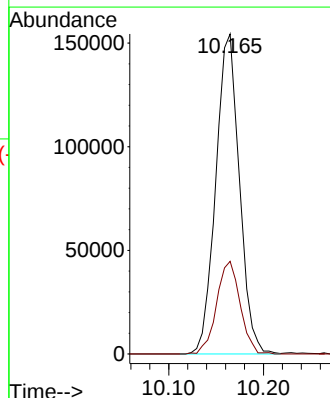
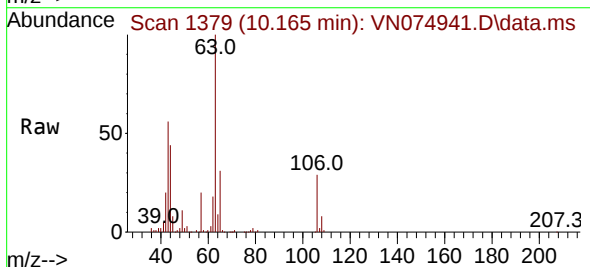
Acq: 20 Oct 2022 14:50

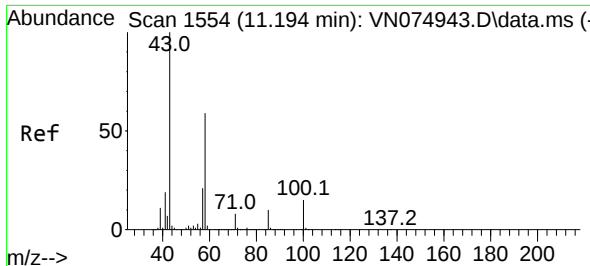
Tgt Ion: 63 Resp: 267958

Ion Ratio Lower Upper

63 100

106 28.8 24.1 36.1





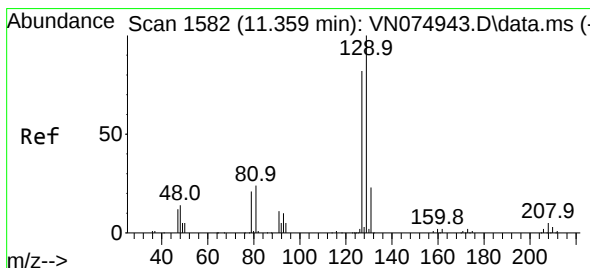
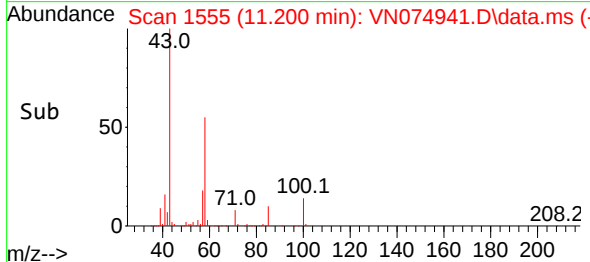
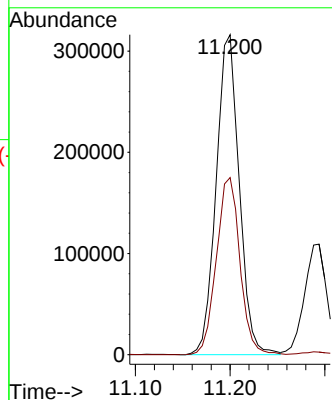
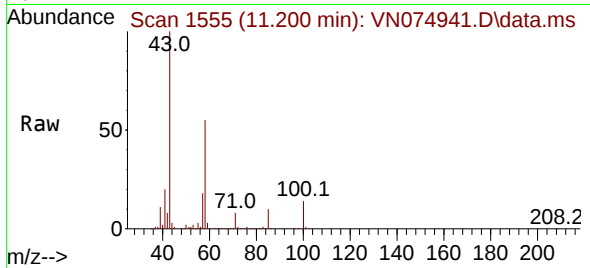
#59
2-Hexanone
Concen: 45.598 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 53482
Ion Ratio Lower Upper
43 100
58 56.6 29.5 88.5

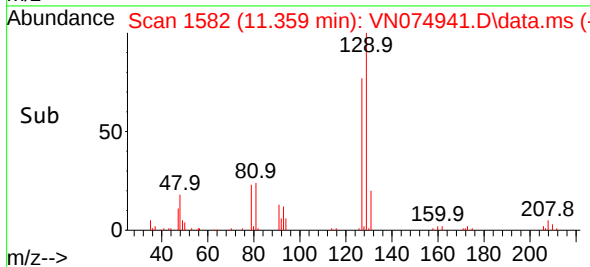
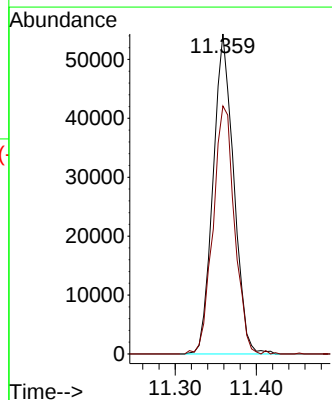
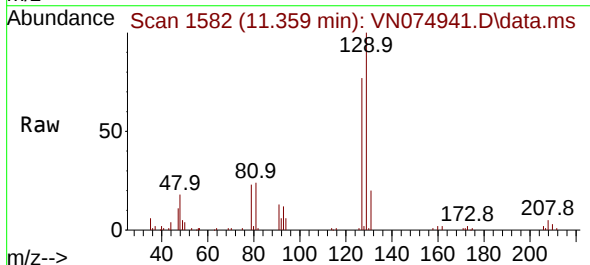
Manual Integrations
APPROVED

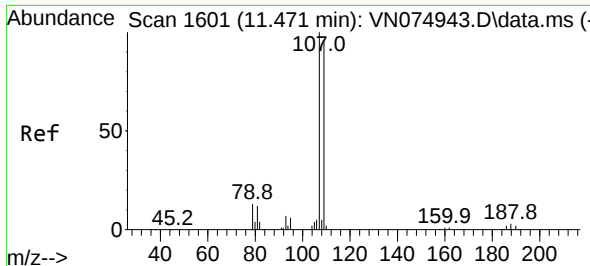
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 10.588 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

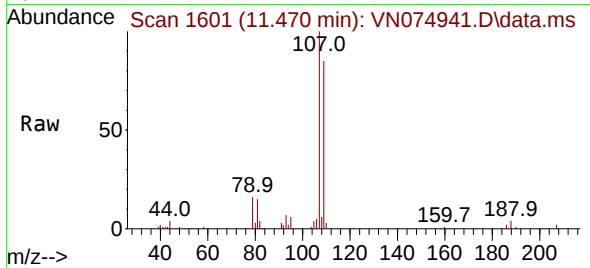
Tgt Ion:129 Resp: 96117
Ion Ratio Lower Upper
129 100
127 80.5 39.0 116.9





#61
1,2-Dibromoethane
Concen: 10.013 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

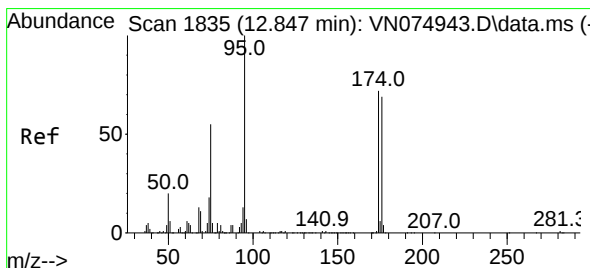
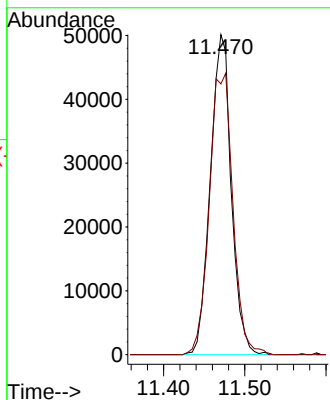
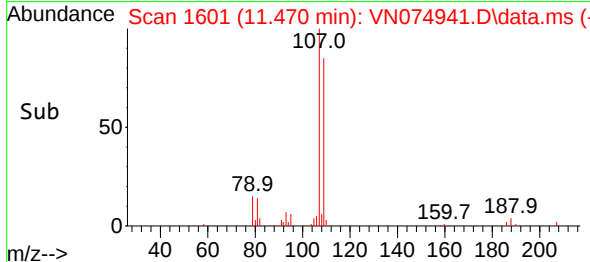
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



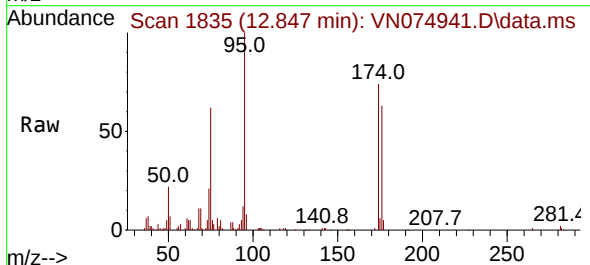
Tgt Ion: 107 Resp: 90054
Ion Ratio Lower Upper
107 100
109 98.6 75.5 113.3

Manual Integrations
APPROVED

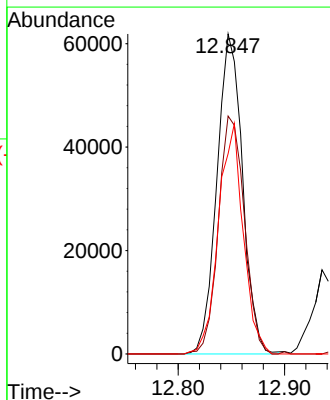
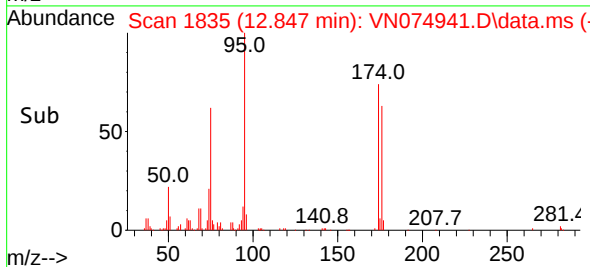
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

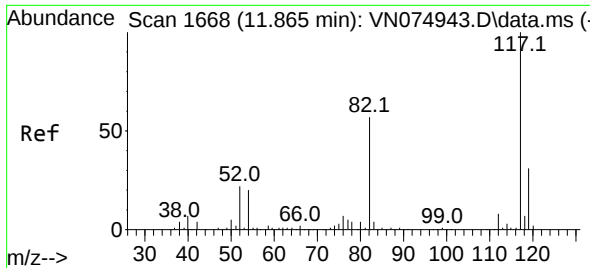


#62
4-Bromofluorobenzene
Concen: 10.750 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



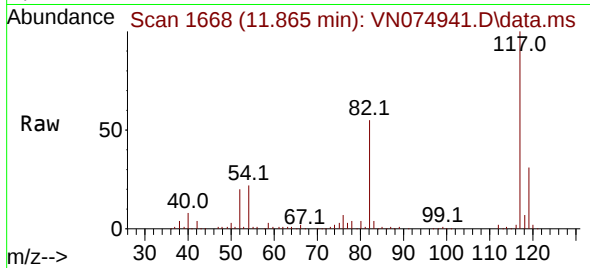
Tgt Ion: 95 Resp: 103038
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.0
176 69.8 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

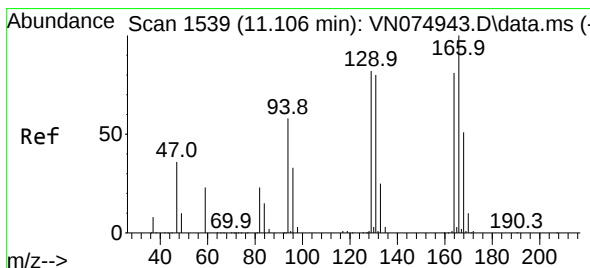
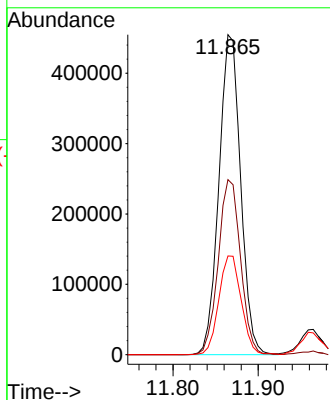
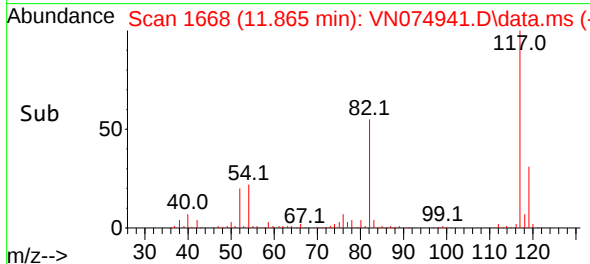
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 805974
Ion Ratio Lower Upper
117 100
82 54.7 45.6 68.4
119 30.9 25.1 37.7

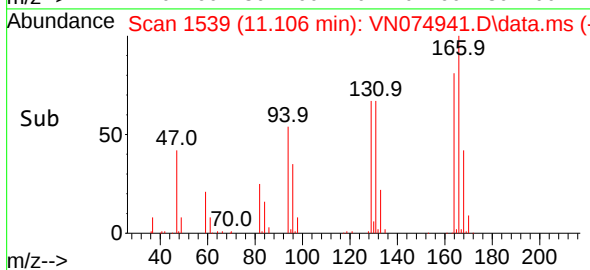
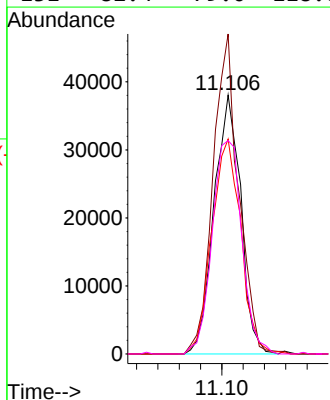
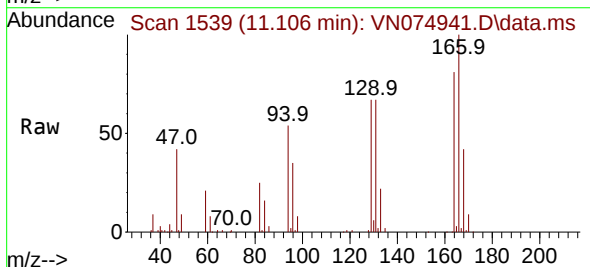
Manual Integrations
APPROVED

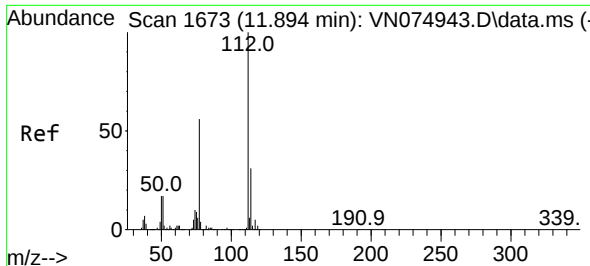
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#64
Tetrachloroethene
Concen: 9.852 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

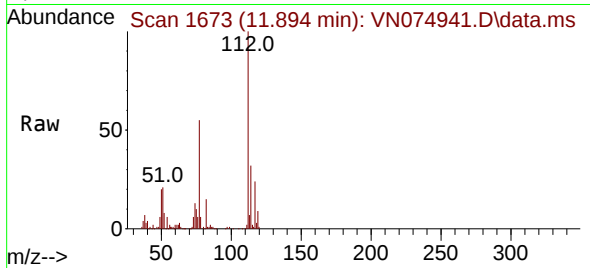
Tgt Ion:164 Resp: 66026
Ion Ratio Lower Upper
164 100
166 123.6 98.6 148.0
129 83.0 81.2 121.8
131 82.4 79.0 118.6





#65
Chlorobenzene
Concen: 10.020 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

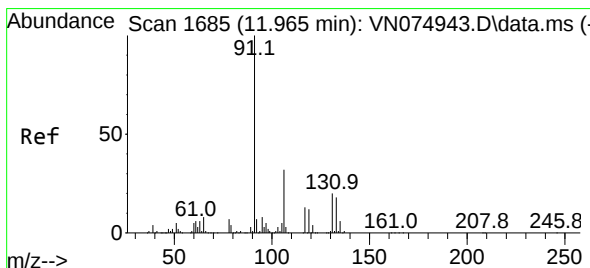
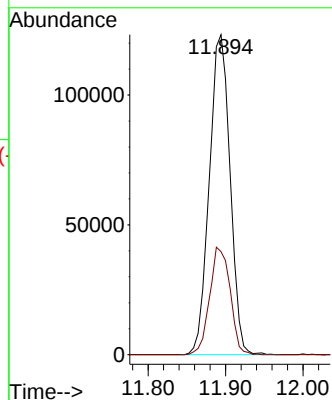
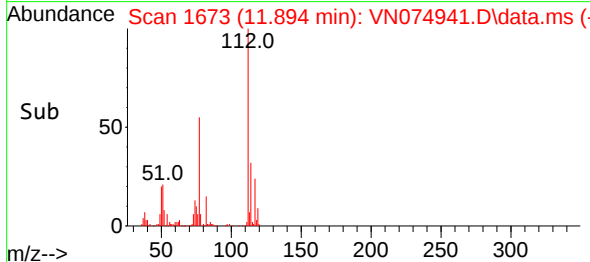
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



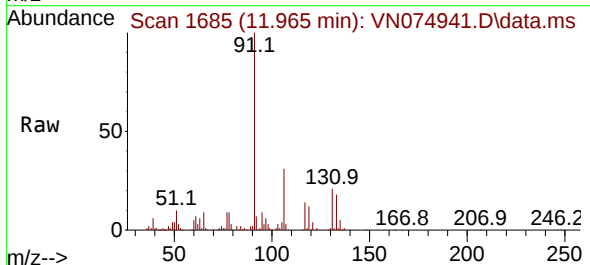
Tgt Ion:112 Resp: 229268
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

Manual Integrations
APPROVED

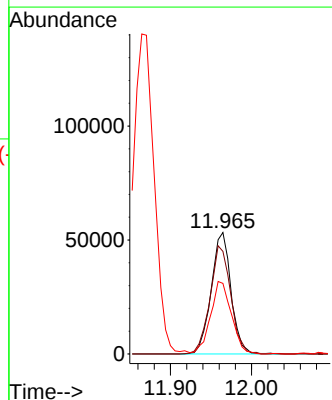
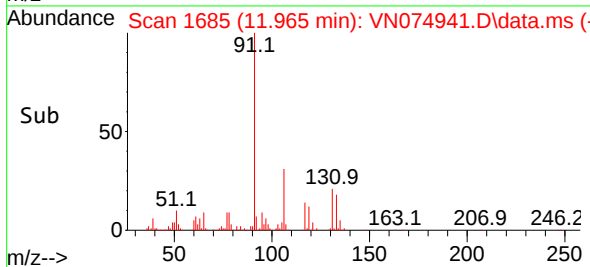
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

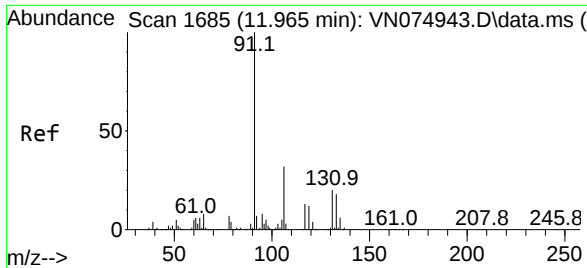


#66
1,1,1,2-Tetrachloroethane
Concen: 10.612 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



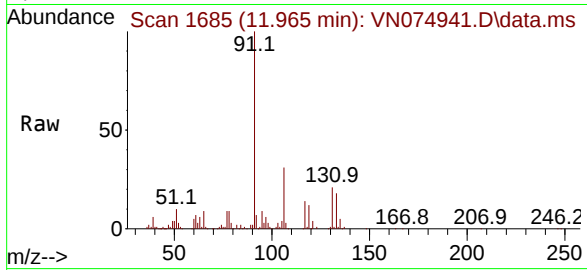
Tgt Ion:131 Resp: 89964
Ion Ratio Lower Upper
131 100
133 93.0 46.6 139.7
119 63.0 32.4 97.0





#67
Ethyl Benzene
Concen: 10.286 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

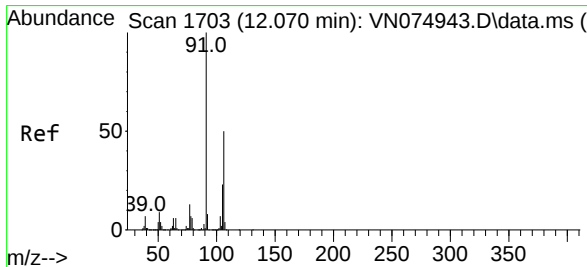
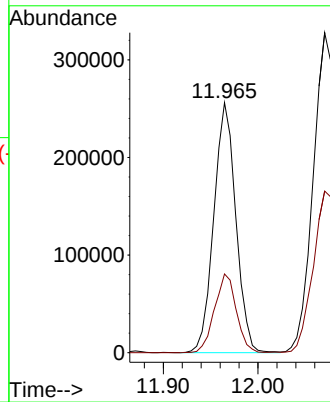
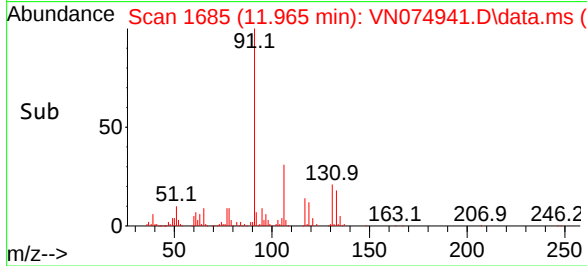
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



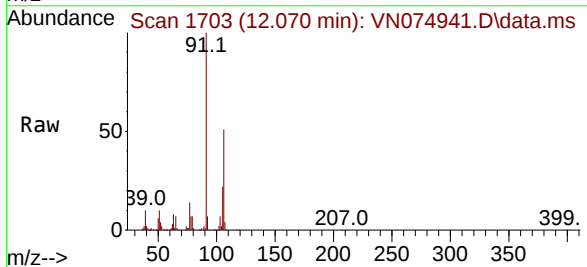
Tgt Ion: 91 Resp: 41375
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

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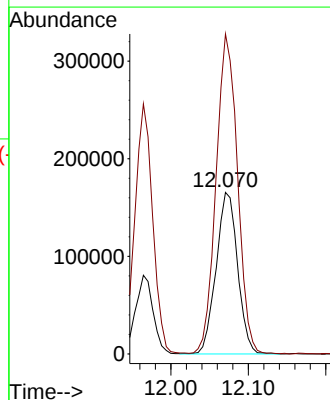
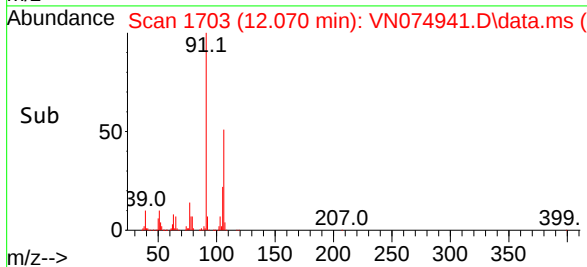
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

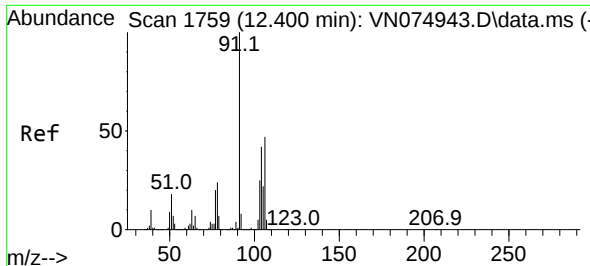


#68
m/p-Xylenes
Concen: 20.993 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion:106 Resp: 319599
Ion Ratio Lower Upper
106 100
91 197.6 159.7 239.5





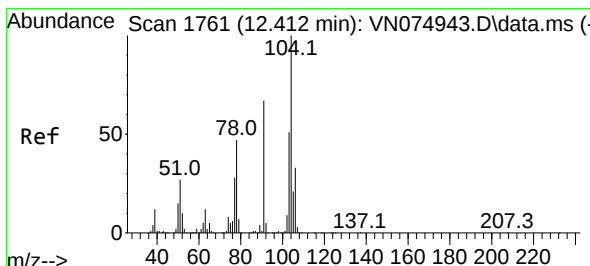
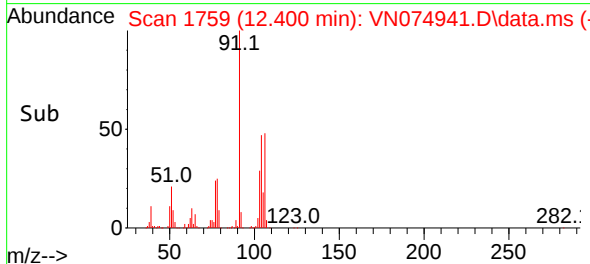
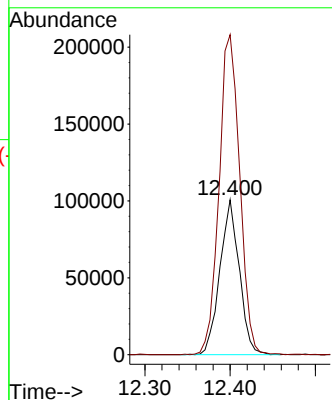
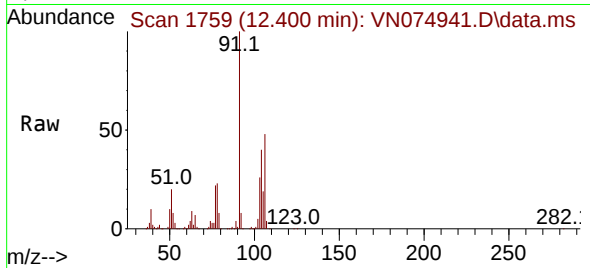
#69
o-Xylene
Concen: 10.081 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 159500
Ion Ratio Lower Upper
106 100
91 220.2 103.6 310.7

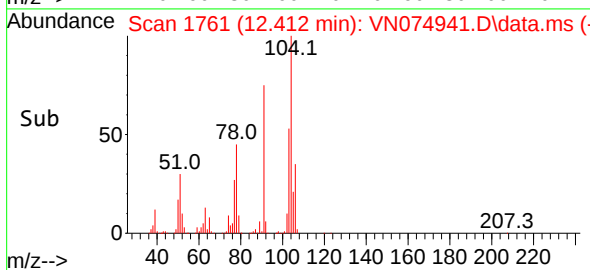
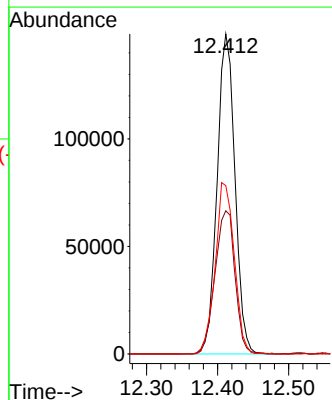
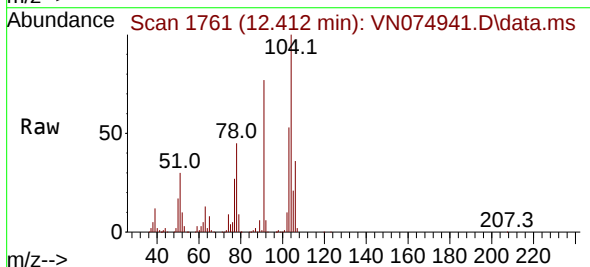
Manual Integrations
APPROVED

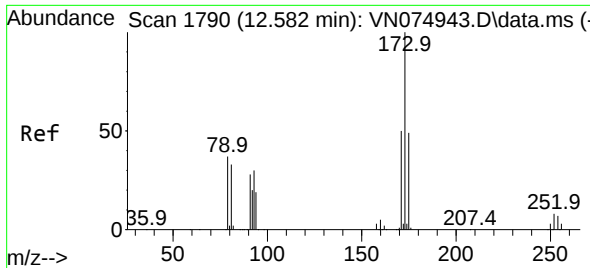
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 10.519 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

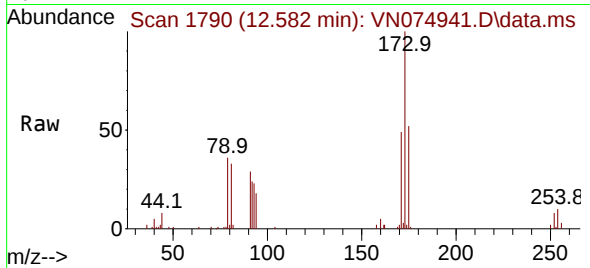
Tgt Ion:104 Resp: 258972
Ion Ratio Lower Upper
104 100
78 50.3 39.4 59.2
103 57.1 43.0 64.4





#71
Bromoform
Concen: 11.140 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

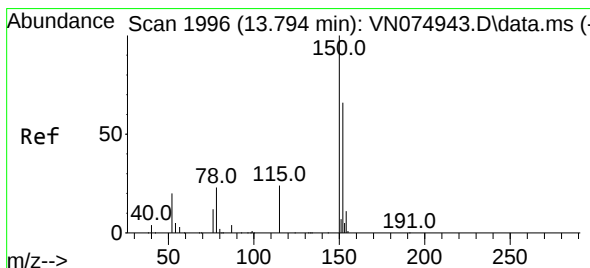
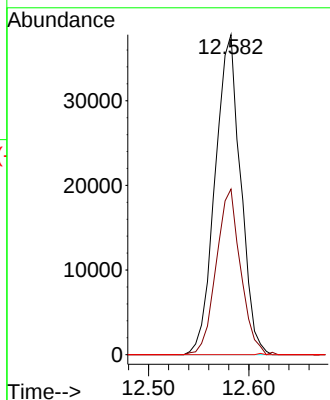
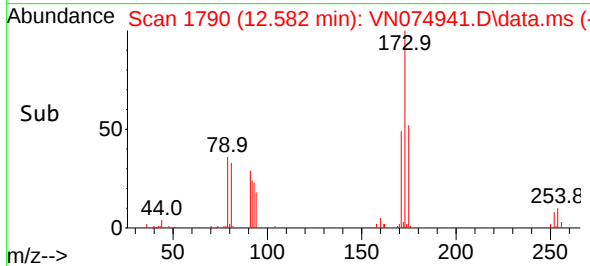
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



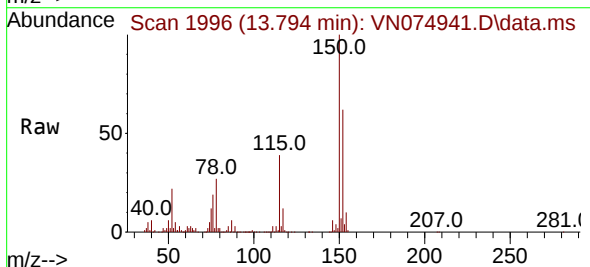
Tgt Ion:173 Resp: 66877
Ion Ratio Lower Upper
173 100
175 49.4 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

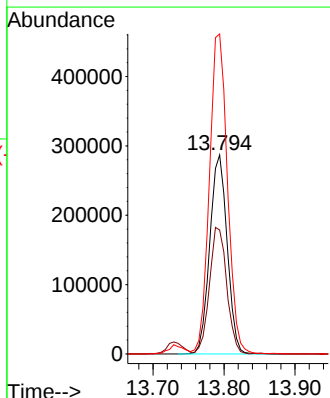
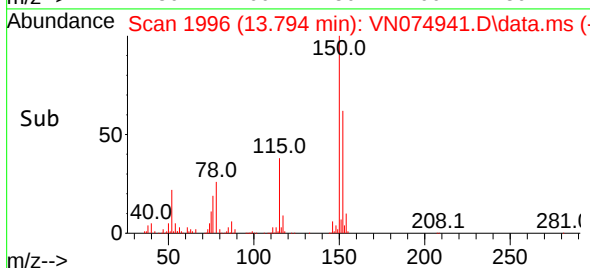
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

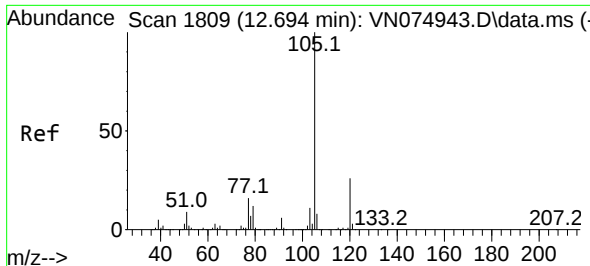


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion:152 Resp: 487744
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 166.3 0.0 349.6





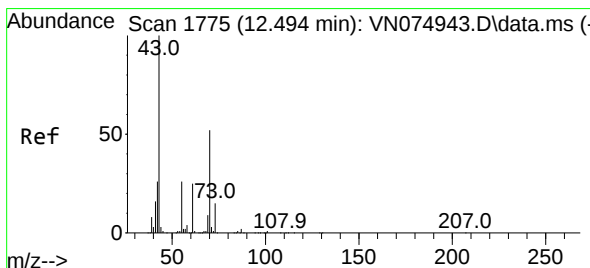
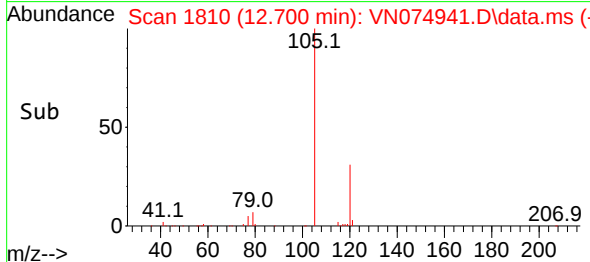
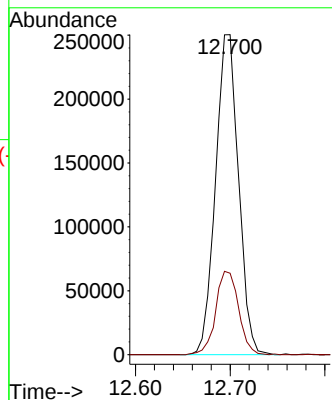
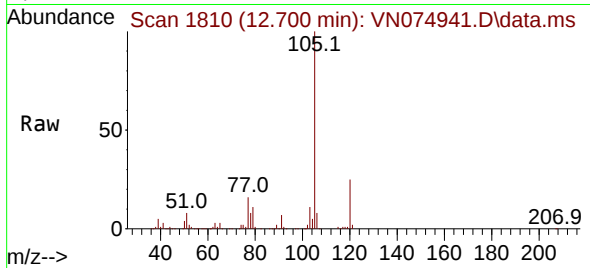
#73
Isopropylbenzene
Concen: 9.742 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 422285
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

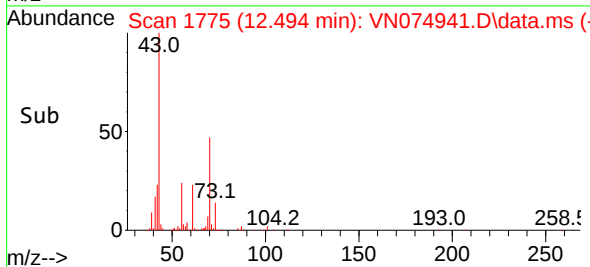
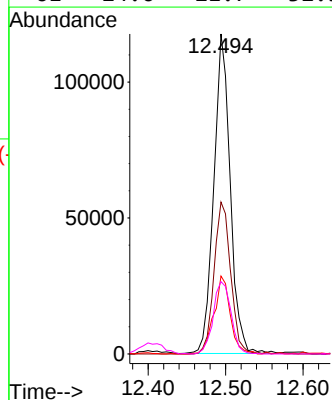
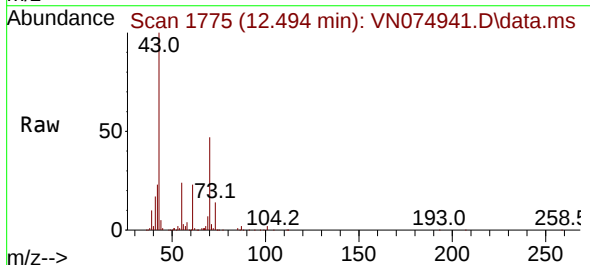
Manual Integrations
APPROVED

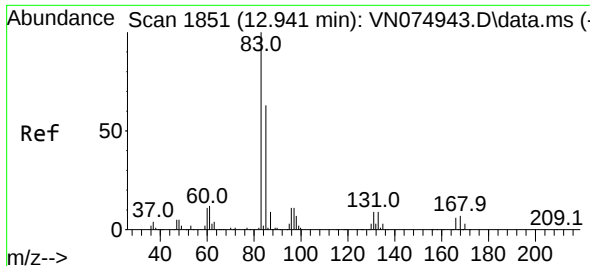
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#74
N-ethyl acetate
Concen: 8.098 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

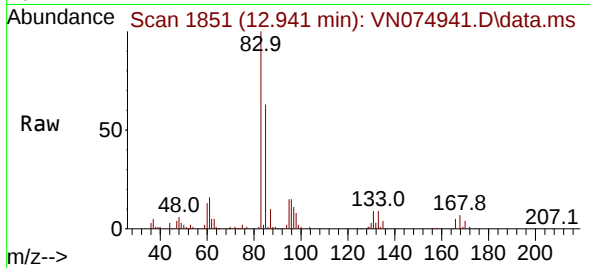
Tgt Ion: 43 Resp: 173416
Ion Ratio Lower Upper
43 100
70 48.2 40.2 60.2
55 24.3 20.6 31.0
61 24.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 9.871 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

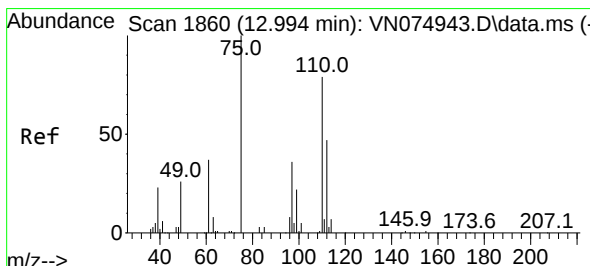
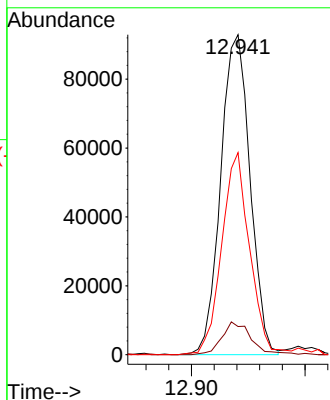
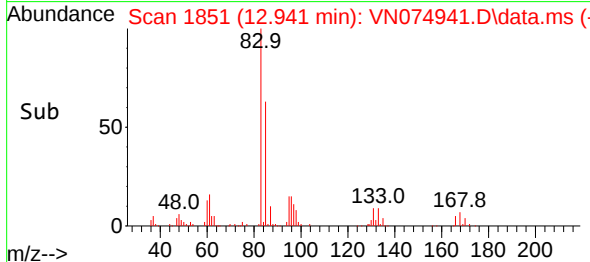
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 166940
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 60.1 32.6 97.7

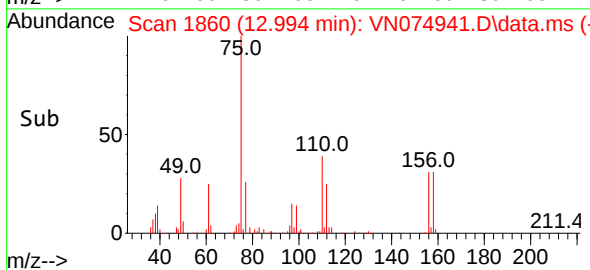
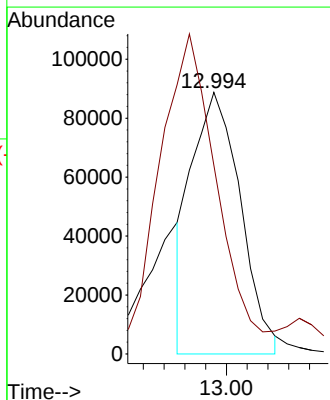
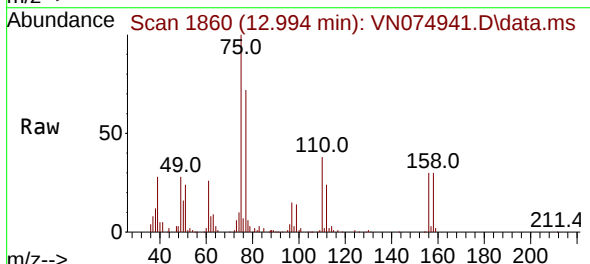
Manual Integrations
APPROVED

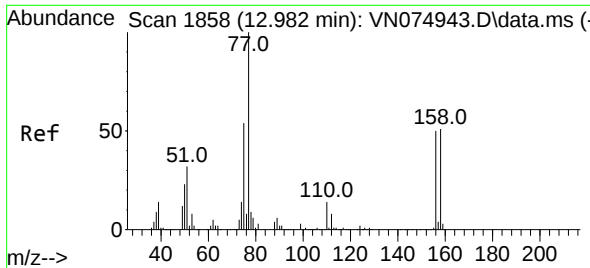
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
1,2,3-Trichloropropane
Concen: 11.763 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 75 Resp: 144197
Ion Ratio Lower Upper
75 100
77 145.2 81.0 243.0





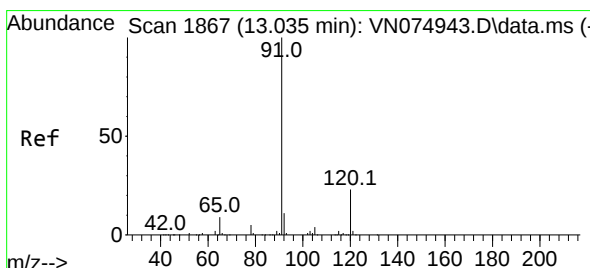
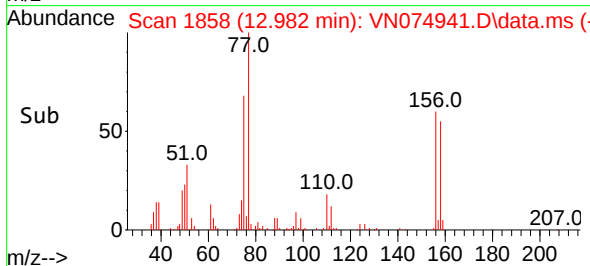
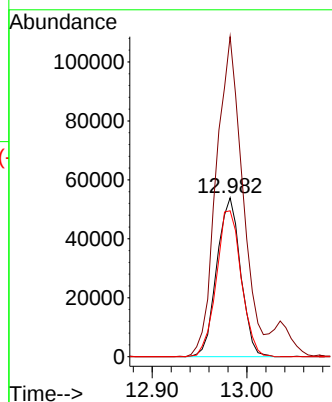
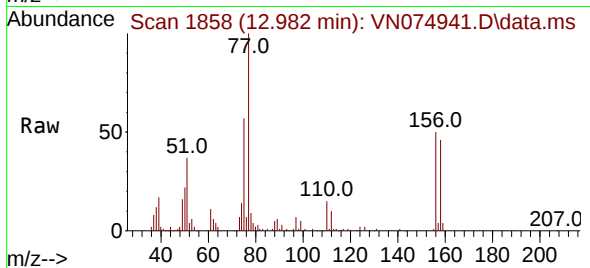
#77
Bromobenzene
Concen: 9.733 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 93969
Ion Ratio Lower Upper
156 100
77 222.9 117.1 351.3
158 96.5 48.3 144.9

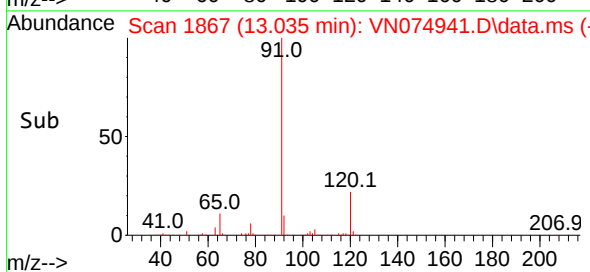
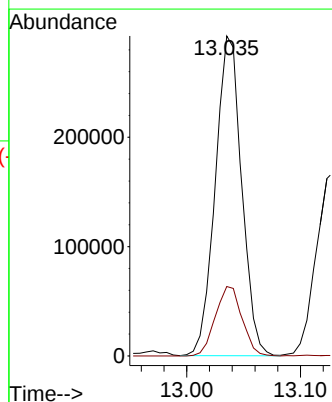
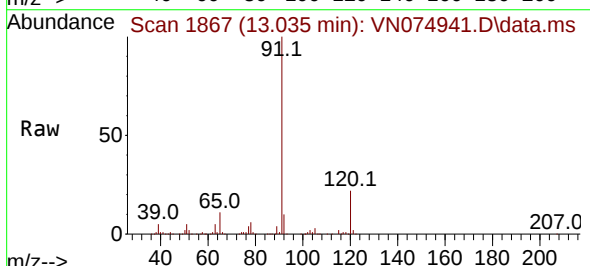
Manual Integrations
APPROVED

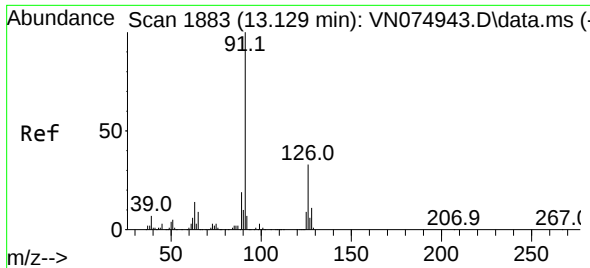
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
n-propylbenzene
Concen: 9.694 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 91 Resp: 471504
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





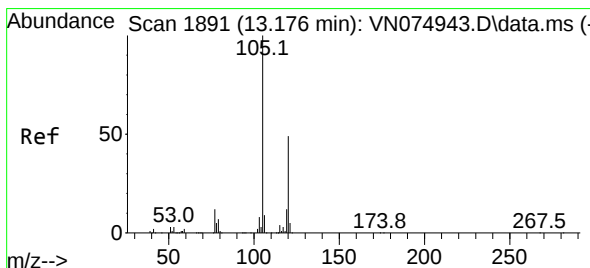
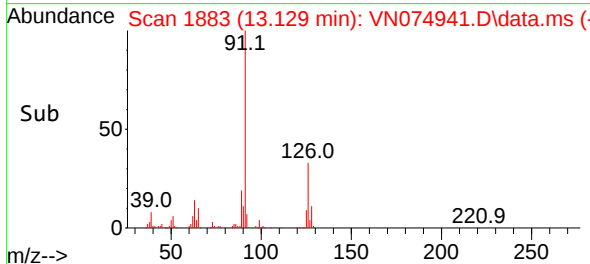
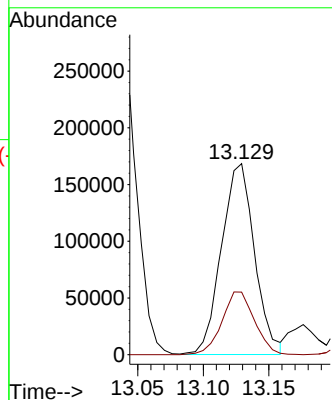
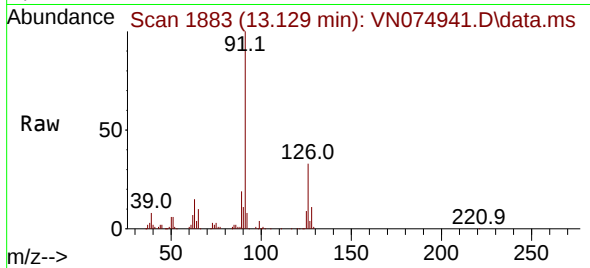
#79
2-Chlorotoluene
Concen: 10.673 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 295500
Ion Ratio Lower Upper
91 100
126 32.4 17.0 51.0

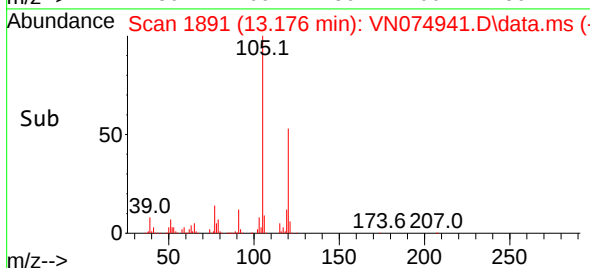
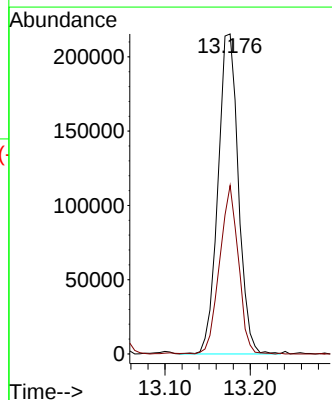
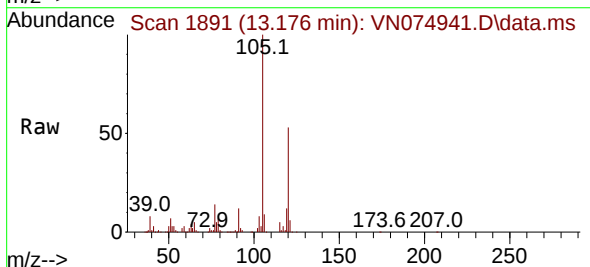
Manual Integrations
APPROVED

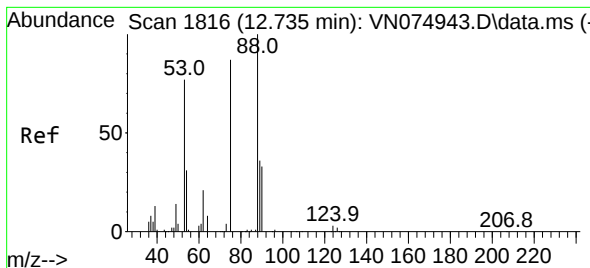
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.561 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

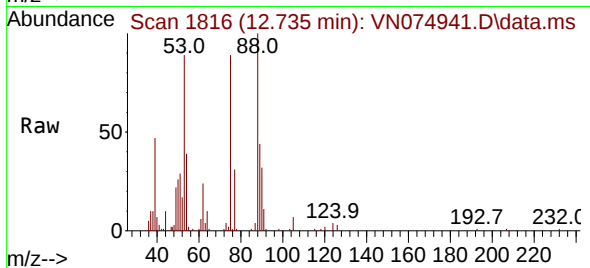
Tgt Ion:105 Resp: 357971
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 9.414 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

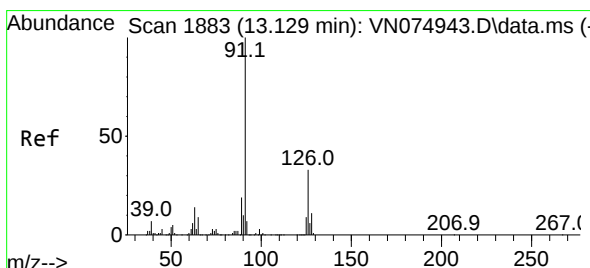
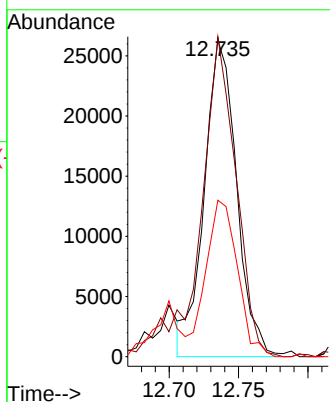
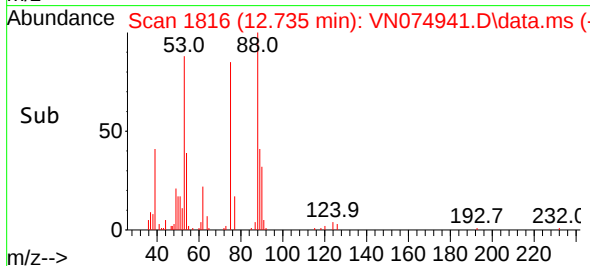
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



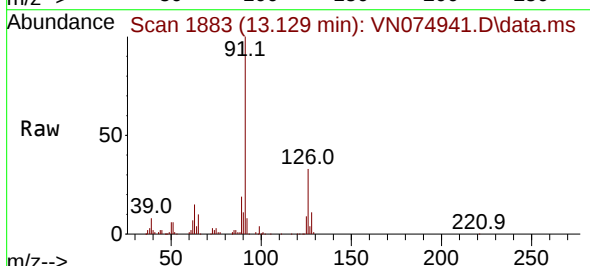
Tgt Ion: 75 Resp: 4264
Ion Ratio Lower Upper
75 100
53 111.6 79.2 118.8
89 48.4 37.9 56.9

Manual Integrations
APPROVED

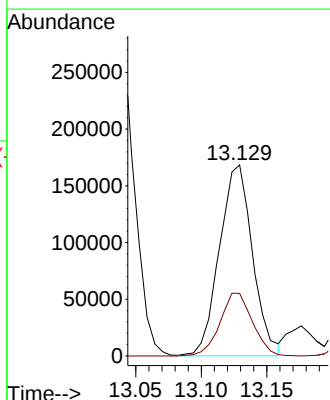
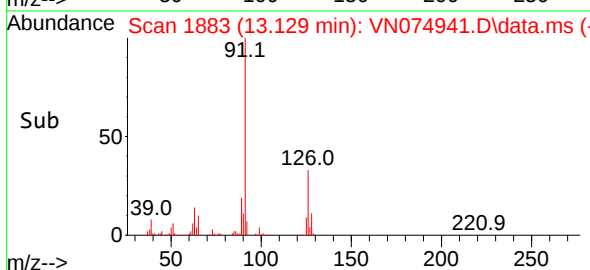
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

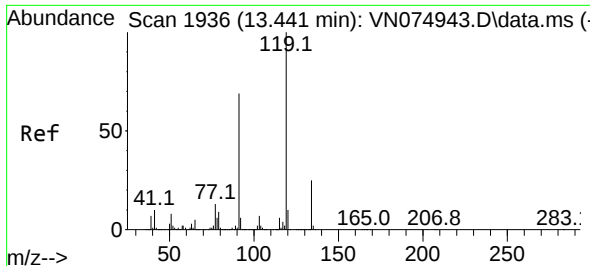


#82
4-Chlorotoluene
Concen: 10.673 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion: 91 Resp: 295503
Ion Ratio Lower Upper
91 100
126 32.4 17.0 51.0





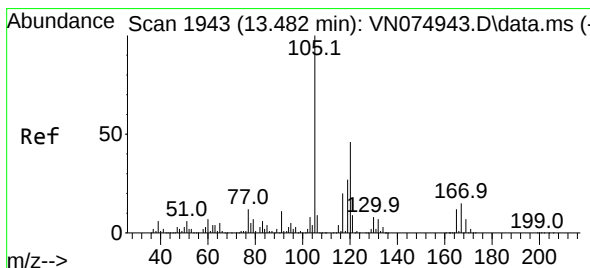
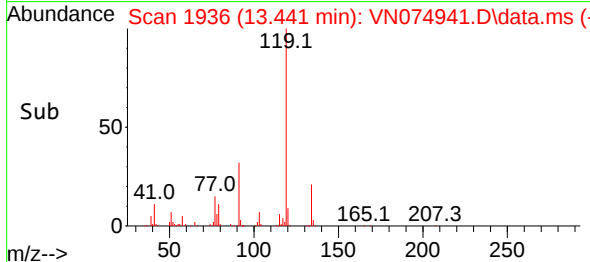
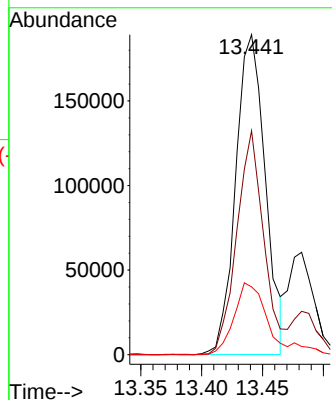
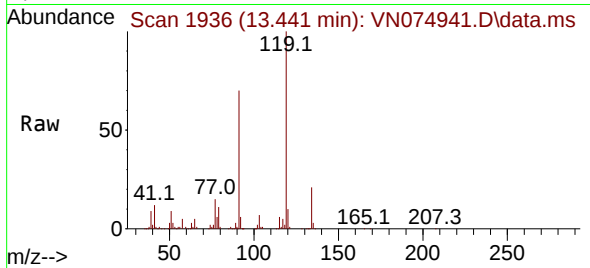
#83
tert-Butylbenzene
Concen: 10.142 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 31989
Ion Ratio Lower Upper
119 100
91 65.1 33.1 99.3
134 26.3 12.4 37.0

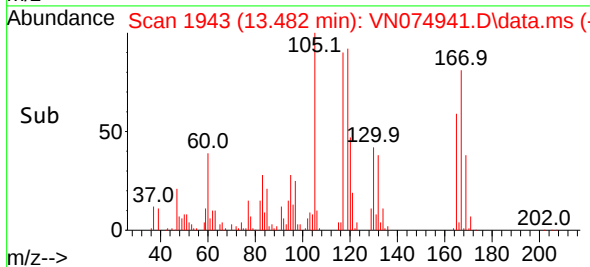
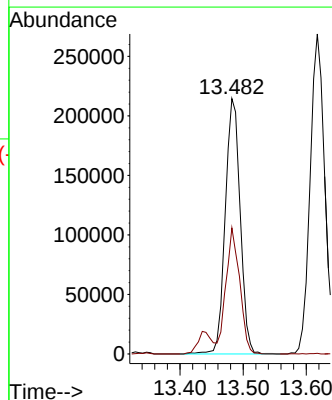
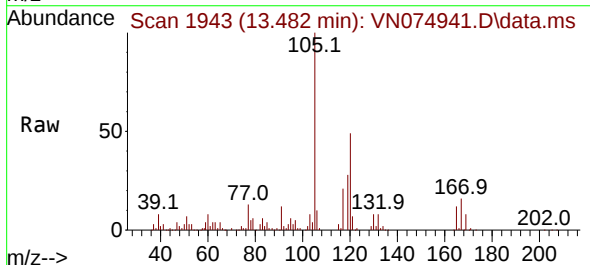
Manual Integrations
APPROVED

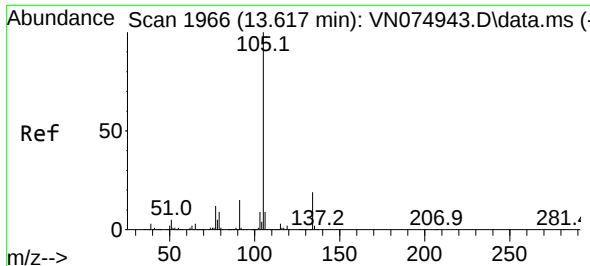
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 10.880 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

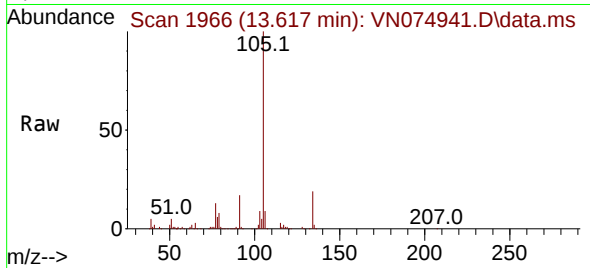
Tgt Ion:105 Resp: 352840
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 10.041 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074941.D
 Acq: 20 Oct 2022 14:50

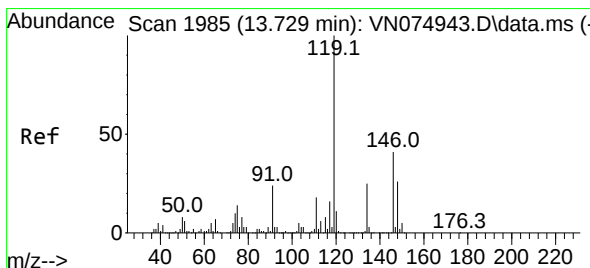
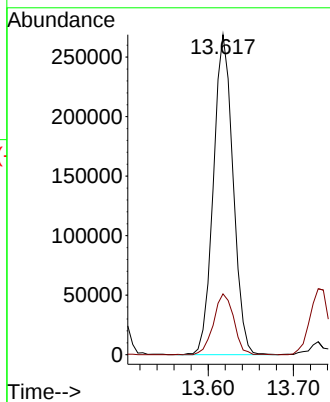
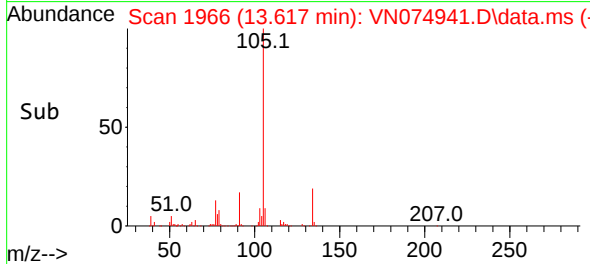
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 430349
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

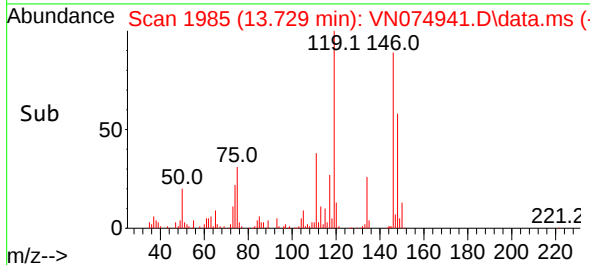
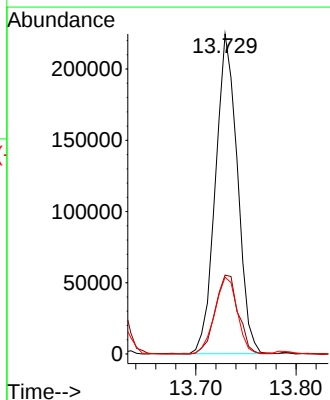
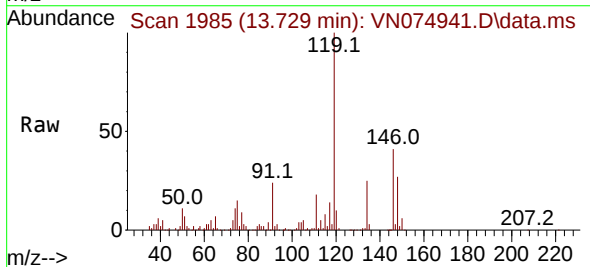
Manual Integrations
 APPROVED

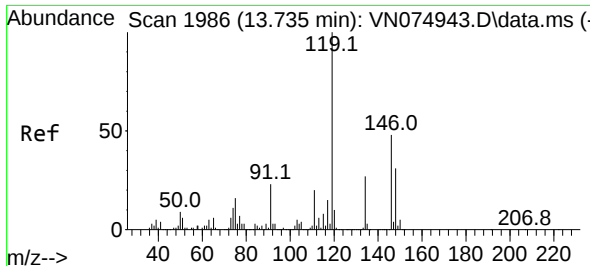
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#86
 p-Isopropyltoluene
 Concen: 10.509 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074941.D
 Acq: 20 Oct 2022 14:50

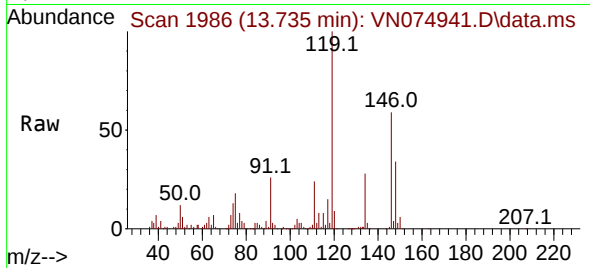
Tgt Ion:119 Resp: 340756
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.8 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 10.717 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

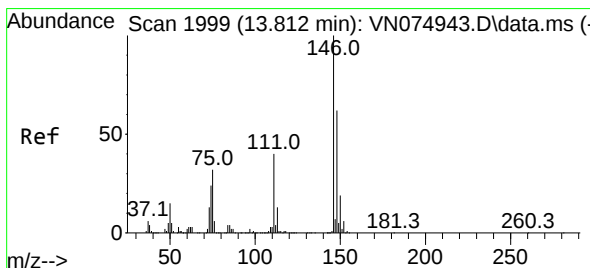
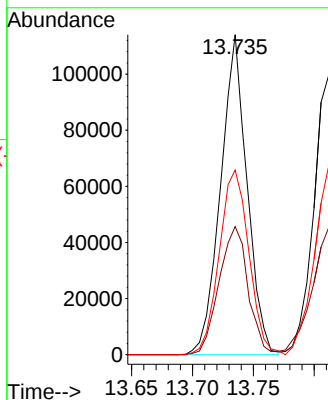
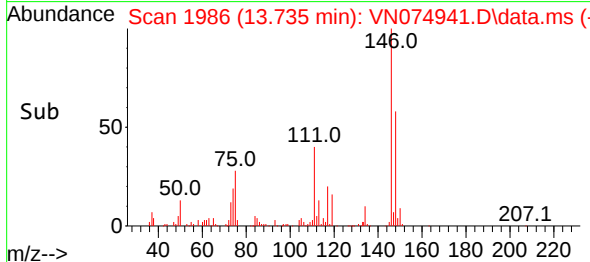
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



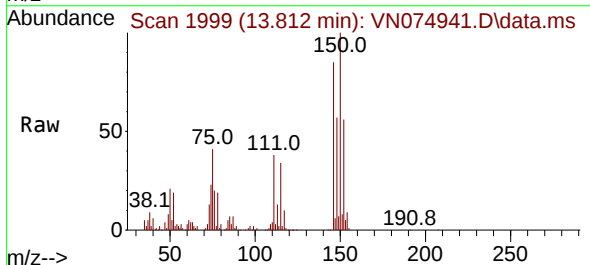
Tgt Ion:146 Resp: 172532
Ion Ratio Lower Upper
146 100
111 43.8 21.5 64.5
148 64.5 31.7 95.1

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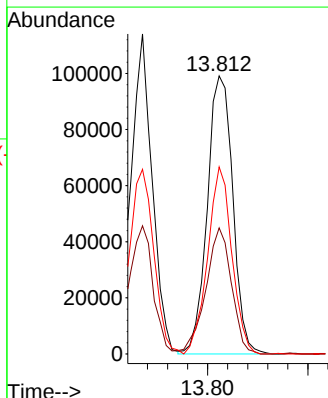
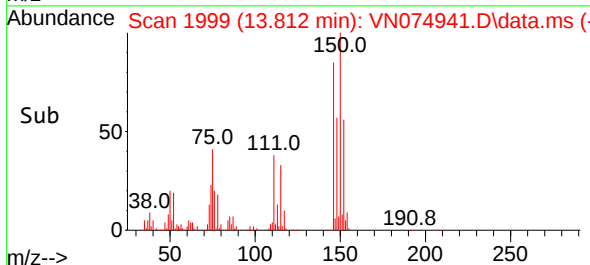
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

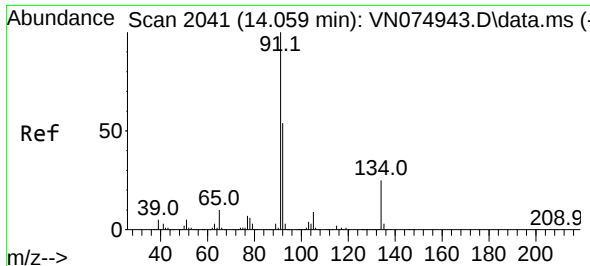


#88
1,4-Dichlorobenzene
Concen: 10.852 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50



Tgt Ion:146 Resp: 175389
Ion Ratio Lower Upper
146 100
111 45.9 20.3 61.0
148 63.8 32.3 96.9





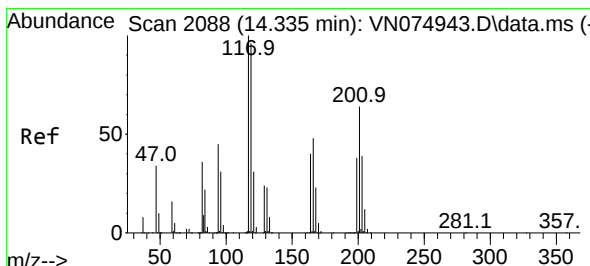
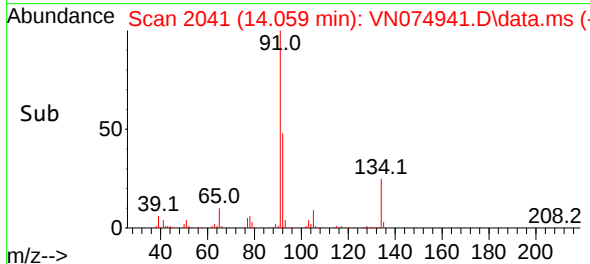
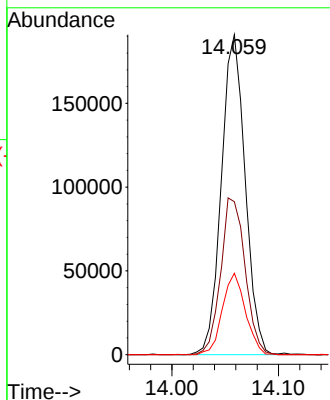
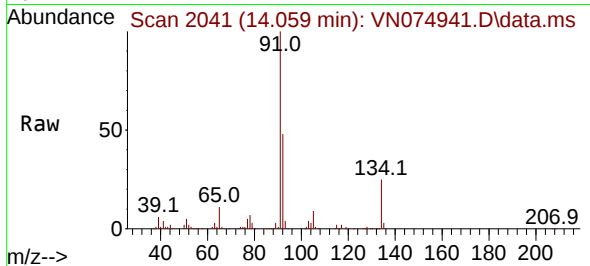
#89
n-Butylbenzene
Concen: 11.021 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 29584
Ion Ratio Lower Upper
91 100
92 50.3 26.3 78.9
134 24.7 12.6 37.6

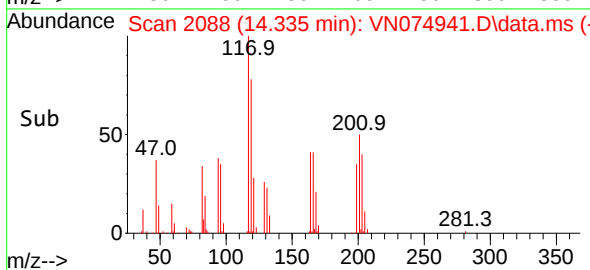
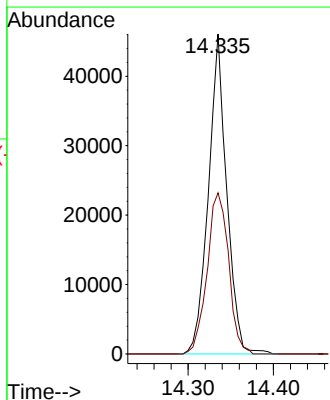
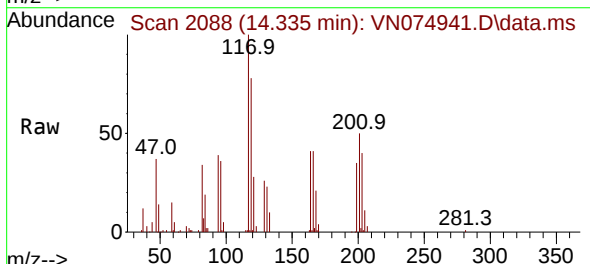
Manual Integrations
APPROVED

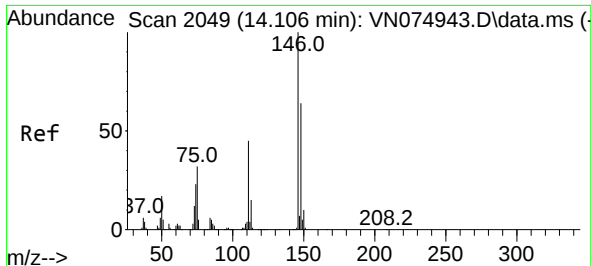
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 10.102 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion:117 Resp: 68875
Ion Ratio Lower Upper
117 100
201 59.1 30.6 91.6





#91

1,2-Dichlorobenzene

Concen: 10.858 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 176240

Ion Ratio Lower Upper

146 100

111 43.7 22.2 66.6

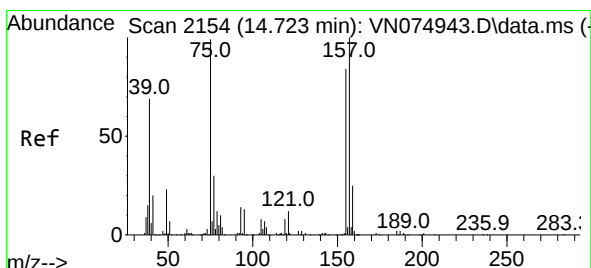
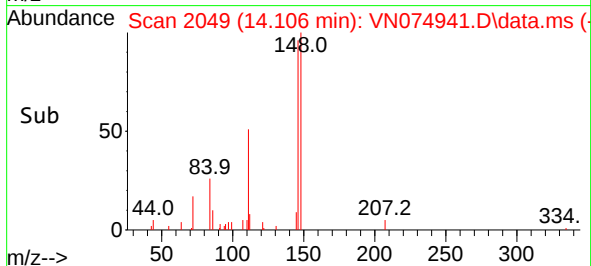
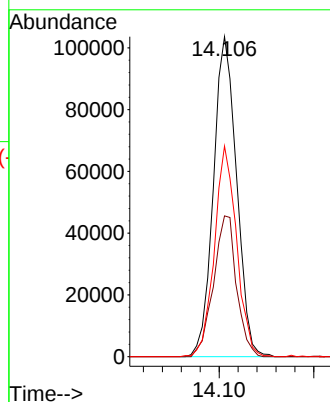
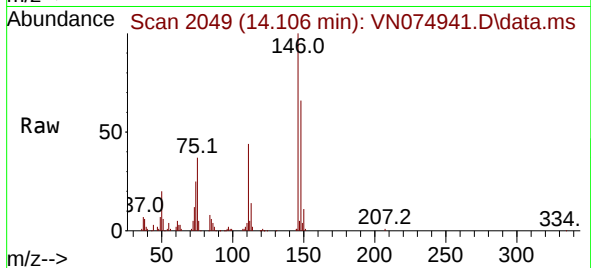
148 63.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.102 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. -0.006 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

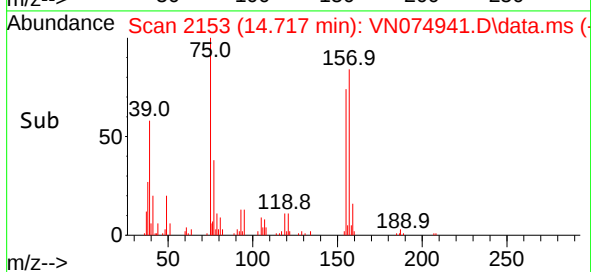
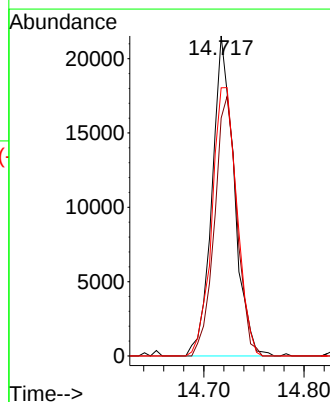
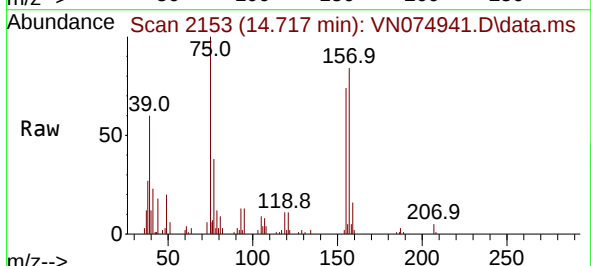
Tgt Ion: 75 Resp: 32949

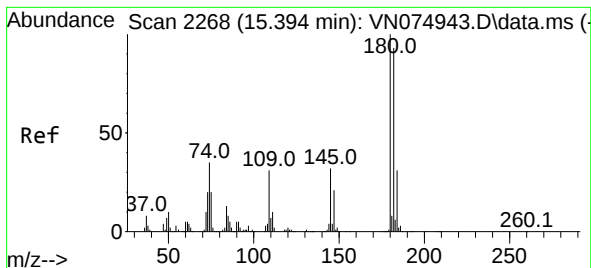
Ion Ratio Lower Upper

75 100

155 82.4 39.6 118.8

157 94.6 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 9.629 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:180 Resp: 7719

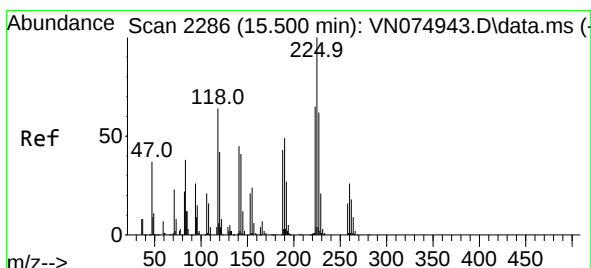
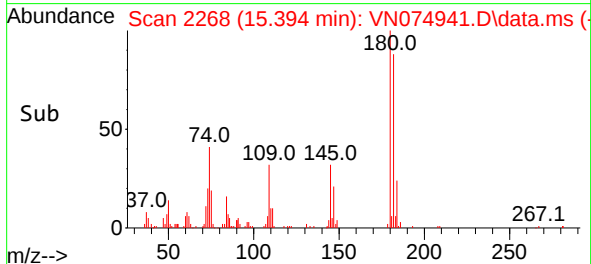
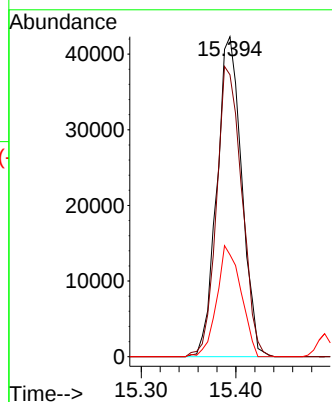
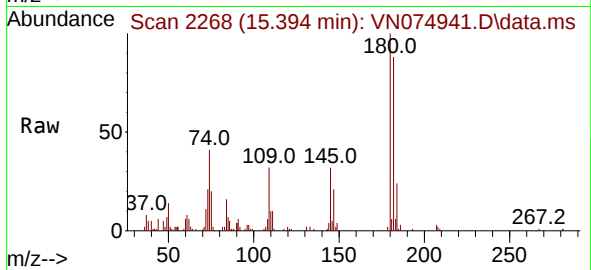
Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.6	139.7
145	33.7	16.7	50.0

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 9.864 ug/l

RT: 15.500 min Scan# 2286

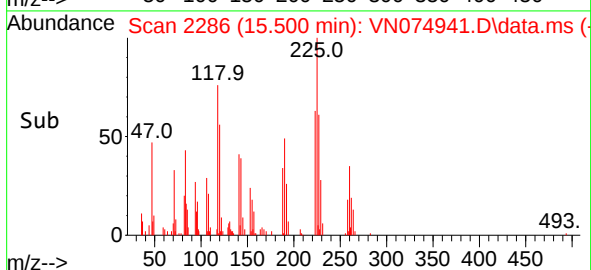
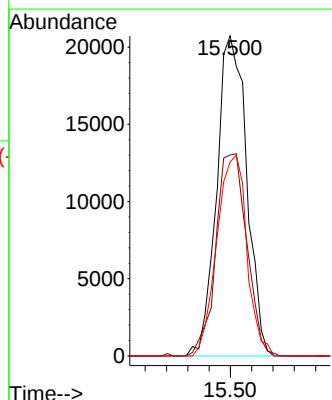
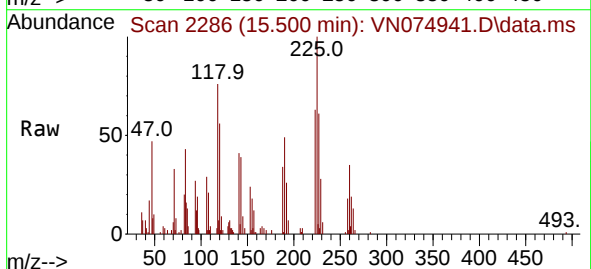
Delta R.T. -0.000 min

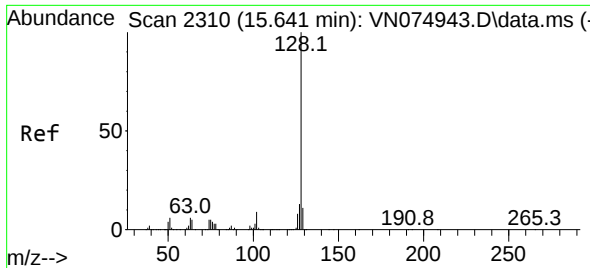
Lab File: VN074941.D

Acq: 20 Oct 2022 14:50

Tgt Ion:225 Resp: 40445

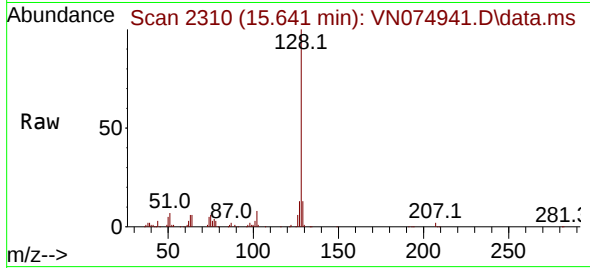
Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.9	95.5
227	62.7	31.4	94.0





#95
Naphthalene
Concen: 9.545 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

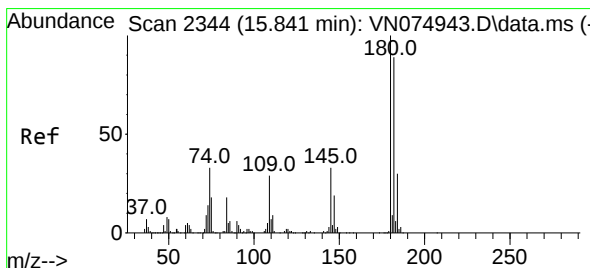
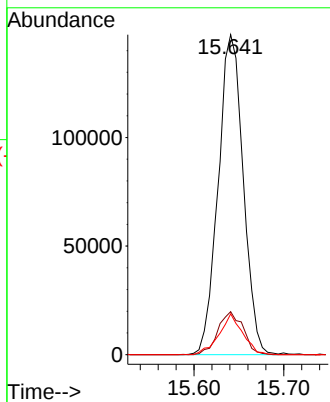
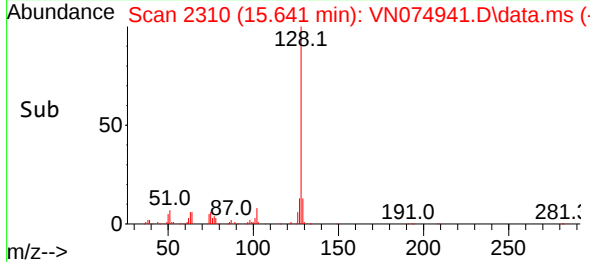
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:128 Resp: 285649
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 12.0 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: 9.477 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074941.D
Acq: 20 Oct 2022 14:50

Tgt Ion:180 Resp: 77487
Ion Ratio Lower Upper
180 100
182 92.6 46.7 140.1
145 33.9 17.2 51.5

