

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075266.D
 Acq On : 14 Nov 2022 15:39
 Operator : JC\MD
 Sample : VN1114WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	110139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65948	44.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.880%		
35) Dibromofluoromethane	8.171	113	55676	48.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	10.565	98	200565	45.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.400%		
62) 4-Bromofluorobenzene	12.847	95	74769	47.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	24000	16.751	ug/l	92
3) Chloromethane	2.377	50	25876	17.003	ug/l	99
4) Vinyl Chloride	2.524	62	34273	15.786	ug/l	94
5) Bromomethane	2.942	94	27501	14.217	ug/l	98
6) Chloroethane	3.124	64	25628	16.462	ug/l	99
7) Trichlorofluoromethane	3.500	101	42439	19.135	ug/l	97
8) Diethyl Ether	3.971	74	16692	20.634	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	23569	19.243	ug/l	94
10) Methyl Iodide	4.606	142	36314	19.915	ug/l	96
11) Tert butyl alcohol	5.536	59	28552	82.503	ug/l	96
12) 1,1-Dichloroethene	4.353	96	22626	19.380	ug/l	88
13) Acrolein	4.189	56	17153	60.597	ug/l	99
14) Allyl chloride	5.030	41	33822	19.835	ug/l	95
15) Acrylonitrile	5.730	53	71562	97.889	ug/l	99
16) Acetone	4.441	43	63507	101.068	ug/l	96
17) Carbon Disulfide	4.724	76	56229	19.152	ug/l	95
18) Methyl Acetate	5.041	43	41835	20.382	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	85259	19.648	ug/l	100
20) Methylene Chloride	5.283	84	28237	20.155	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	25727	20.126	ug/l	97
22) Diisopropyl ether	6.683	45	75140	19.968	ug/l	95
23) Vinyl Acetate	6.612	43	291998m	92.926	ug/l	
24) 1,1-Dichloroethane	6.577	63	45175	18.982	ug/l	98
25) 2-Butanone	7.494	43	97113	98.258	ug/l	99
26) 2,2-Dichloropropane	7.500	77	39756	18.158	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	30216	19.794	ug/l	94
28) Bromochloromethane	7.818	49	18434	18.375	ug/l	100
29) Tetrahydrofuran	7.841	42	58883	92.198	ug/l	99
30) Chloroform	7.971	83	49509	19.160	ug/l	96
31) Cyclohexane	8.259	56	40471	18.337	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	44746	19.069	ug/l	93
36) 1,1-Dichloropropene	8.377	75	34622	19.554	ug/l	99
37) Ethyl Acetate	7.571	43	37100	19.106	ug/l	98
38) Carbon Tetrachloride	8.365	117	38958	20.003	ug/l	98
39) Methylcyclohexane	9.600	83	46039	19.696	ug/l	94
40) Benzene	8.612	78	111653	20.595	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	18490	19.876	ug/l	95
42) 1,2-Dichloroethane	8.677	62	38790	19.667	ug/l	99
43) Isopropyl Acetate	8.694	43	58830	19.532	ug/l	98
44) Trichloroethene	9.353	130	28376	20.863	ug/l	97
45) 1,2-Dichloropropane	9.624	63	27550	21.354	ug/l	97
46) Dibromomethane	9.706	93	20713	20.607	ug/l	97
47) Bromodichloromethane	9.888	83	40033	20.567	ug/l	95
48) Methyl methacrylate	9.682	41	27093	19.610	ug/l	96
49) 1,4-Dioxane	9.694	88	14955	413.361	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	190095	97.806	ug/l	98
52) Toluene	10.629	92	72832	20.098	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	40335	19.632	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	45103	20.698	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	29658	20.640	ug/l	98
56) Ethyl methacrylate	10.876	69	43180	19.700	ug/l	99
57) 1,3-Dichloropropane	11.165	76	48646	20.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	77034	90.911	ug/l	98
59) 2-Hexanone	11.194	43	140297	95.108	ug/l	99
60) Dibromochloromethane	11.359	129	31054	20.484	ug/l	98
61) 1,2-Dibromoethane	11.470	107	30337	20.601	ug/l	99
64) Tetrachloroethene	11.106	164	25964	23.611	ug/l	89
65) Chlorobenzene	11.894	112	76822	20.065	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	28091	19.779	ug/l	99
67) Ethyl Benzene	11.965	91	137880	20.017	ug/l	99
68) m/p-Xylenes	12.070	106	110730	40.063	ug/l	99
69) o-Xylene	12.400	106	53426	19.546	ug/l	98
70) Styrene	12.412	104	86615	19.874	ug/l	99
71) Bromoform	12.576	173	22774	21.417	ug/l #	97
73) Isopropylbenzene	12.694	105	137799	19.771	ug/l	98
74) N-amyl acetate	12.494	43	48197	18.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	44982	20.091	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38840m	21.070	ug/l	
77) Bromobenzene	12.976	156	31458	20.498	ug/l	94
78) n-propylbenzene	13.035	91	158233	20.221	ug/l	99
79) 2-Chlorotoluene	13.123	91	97226	20.333	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	118557	20.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14259	19.857	ug/l	95
82) 4-Chlorotoluene	13.123	91	97226	20.333	ug/l	100
83) tert-Butylbenzene	13.435	119	104471	20.084	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	122633	20.704	ug/l	100
85) sec-Butylbenzene	13.617	105	149917	20.602	ug/l	99
86) p-Isopropyltoluene	13.729	119	124139	20.657	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	62527	20.809	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	61839	20.795	ug/l	98
89) n-Butylbenzene	14.053	91	101790	21.033	ug/l	99
90) Hexachloroethane	14.335	117	20278	18.403	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	62550	20.939	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9586	20.390	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	29908	23.267	ug/l	99
94) Hexachlorobutadiene	15.500	225	14444	23.049	ug/l	99
95) Naphthalene	15.641	128	107545	21.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	28448	22.273	ug/l	98

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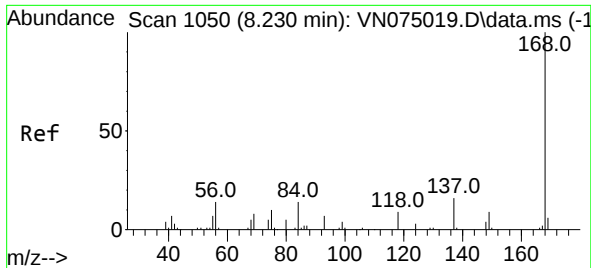
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

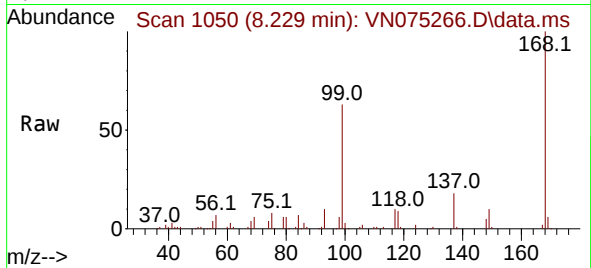
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

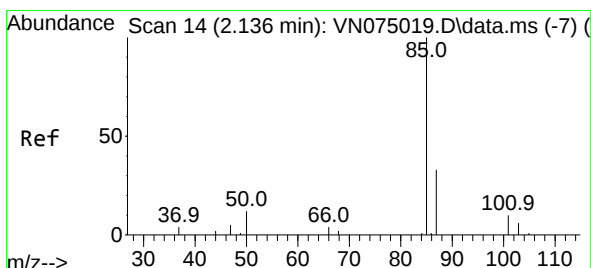
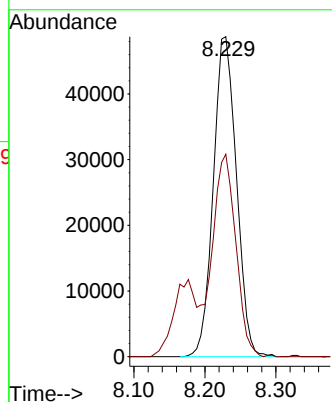
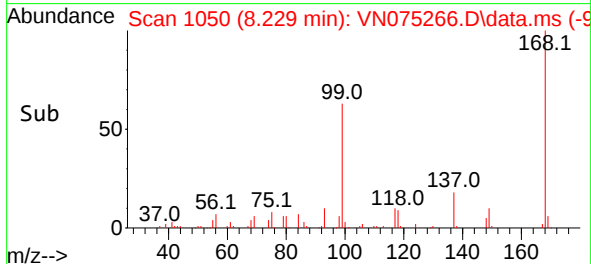
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 110139
Ion Ratio Lower Upper
168 100
99 63.2 51.6 77.4

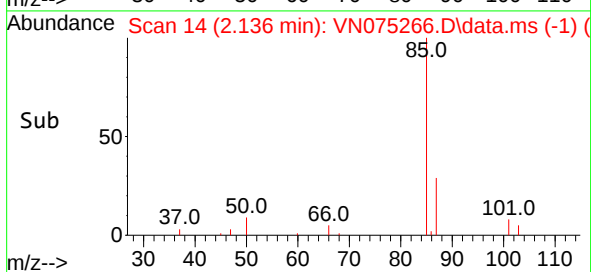
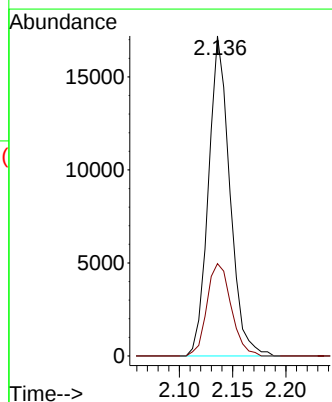
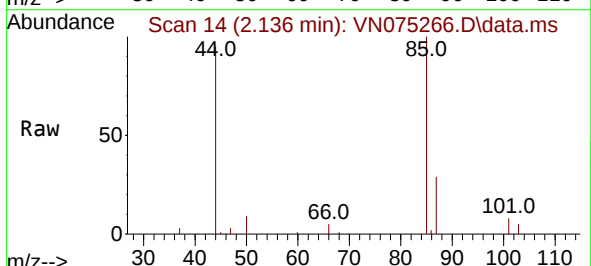
Manual Integrations
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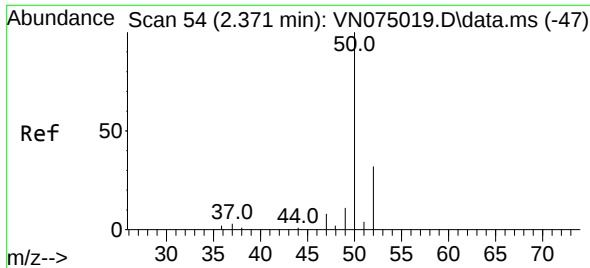
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#2
Dichlorodifluoromethane
Concen: 16.751 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 85 Resp: 24000
Ion Ratio Lower Upper
85 100
87 28.8 16.7 50.0





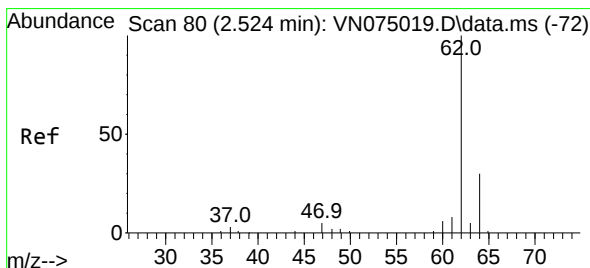
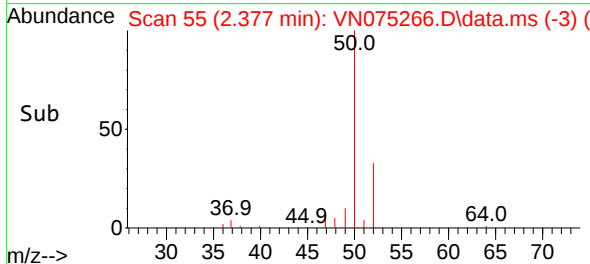
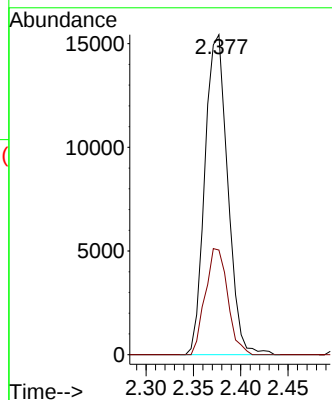
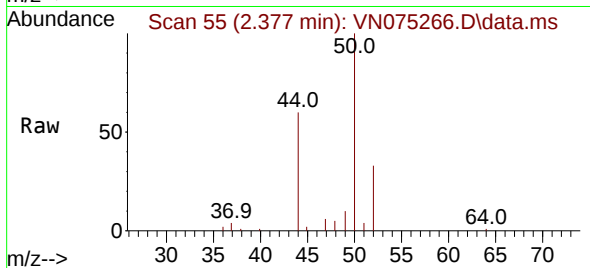
#3
Chloromethane
Concen: 17.003 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

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Tgt Ion: 50 Resp: 25870
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6

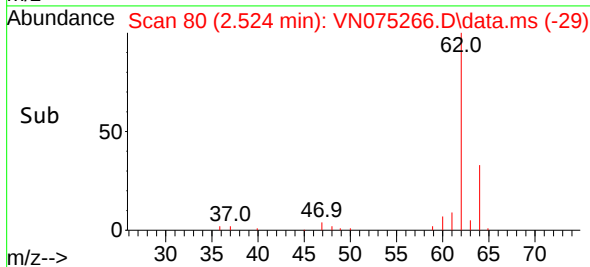
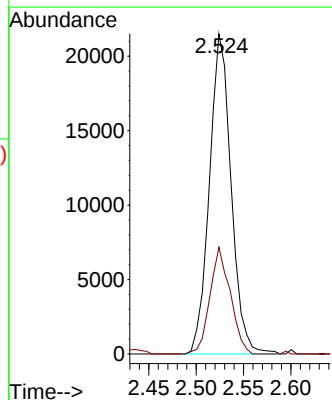
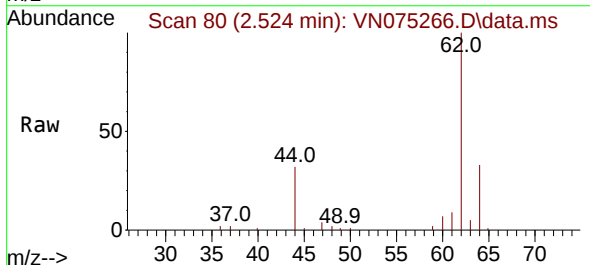
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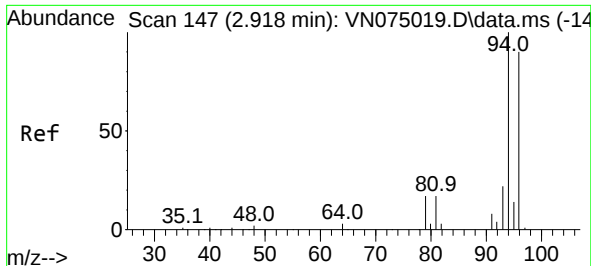
Reviewed By :John Carlone 11/15/2022
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#4
Vinyl Chloride
Concen: 15.786 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

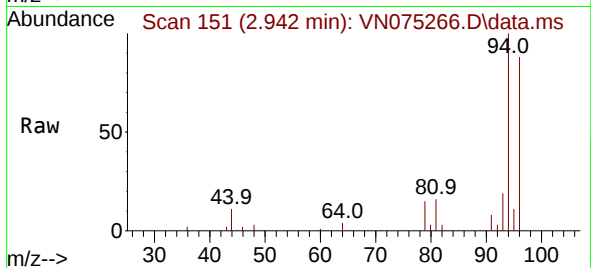
Tgt Ion: 62 Resp: 34273
Ion Ratio Lower Upper
62 100
64 33.3 24.0 36.0





#5
Bromomethane
Concen: 14.217 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

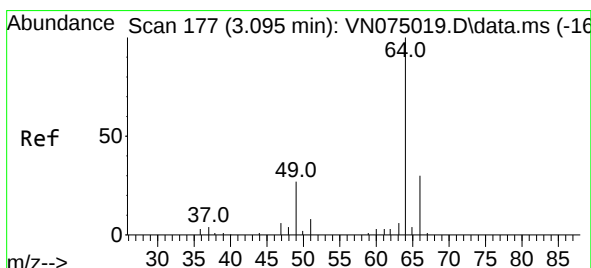
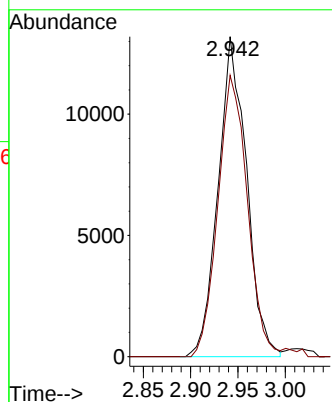
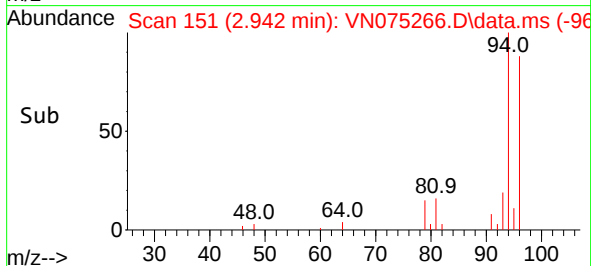
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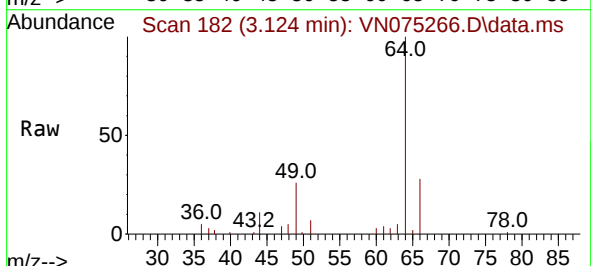
Tgt Ion: 94 Resp: 2750
Ion Ratio Lower Upper
94 100
96 87.9 71.8 107.6

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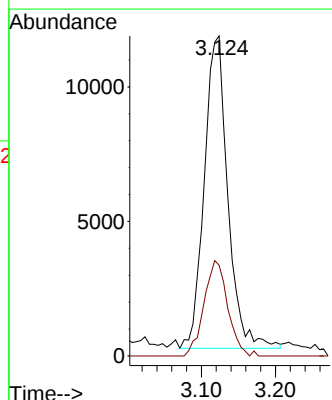
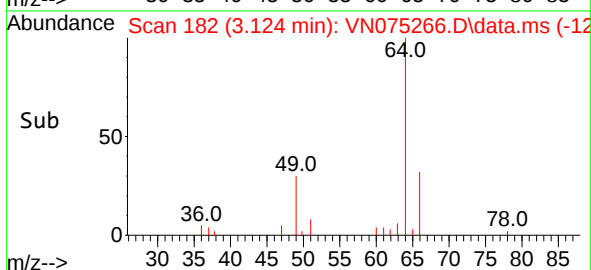
Reviewed By :John Carlone 11/15/2022
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#6
Chloroethane
Concen: 16.462 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.029 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 64 Resp: 25628
Ion Ratio Lower Upper
64 100
66 29.0 23.8 35.8





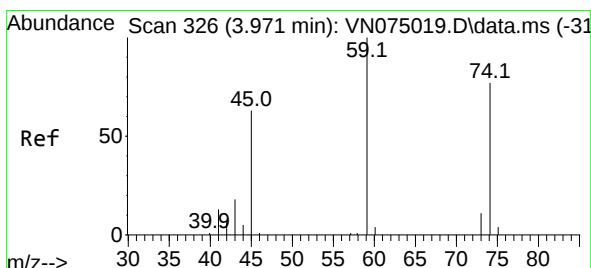
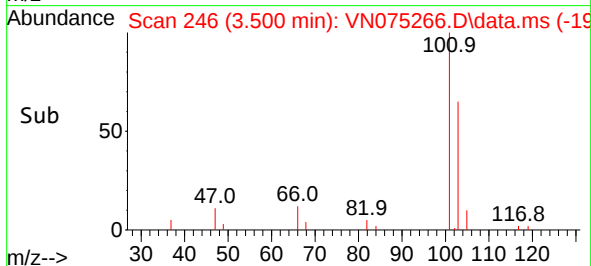
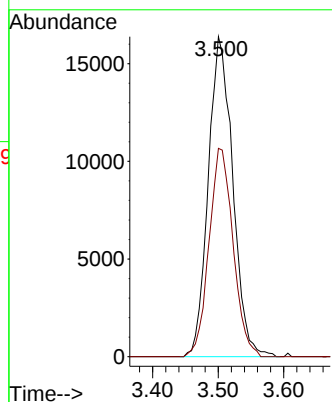
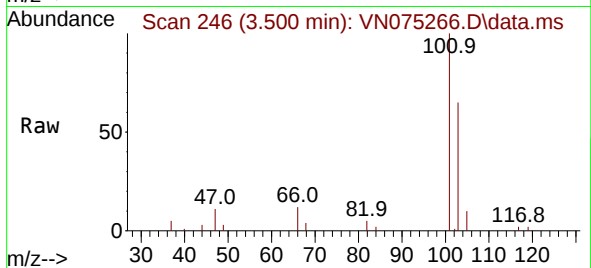
#7
Trichlorofluoromethane
Concen: 19.135 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:101 Resp: 42439
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

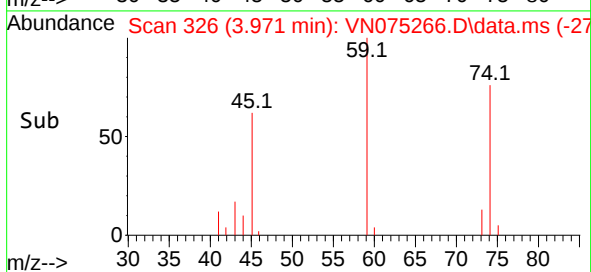
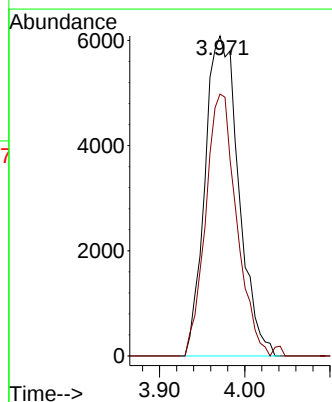
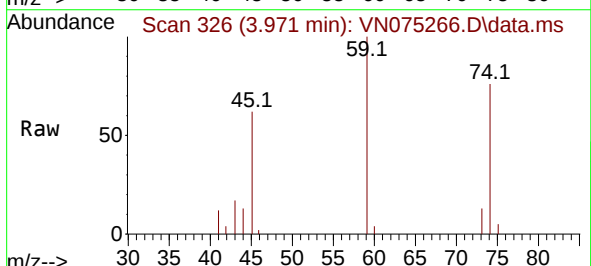
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#8
Diethyl Ether
Concen: 20.634 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 74 Resp: 16692
Ion Ratio Lower Upper
74 100
45 75.2 39.3 117.9





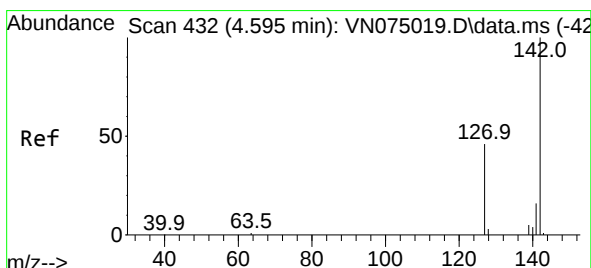
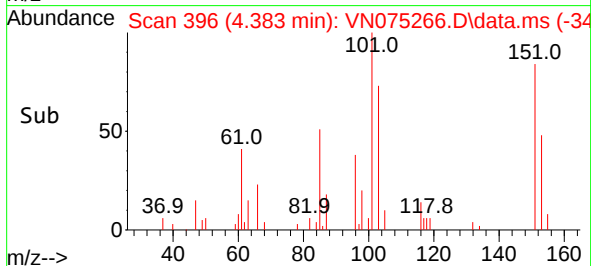
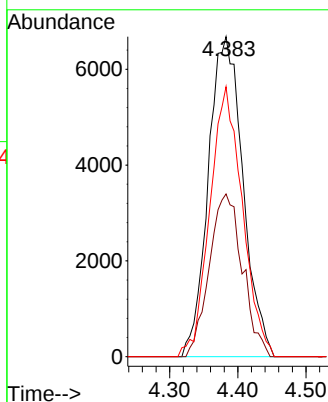
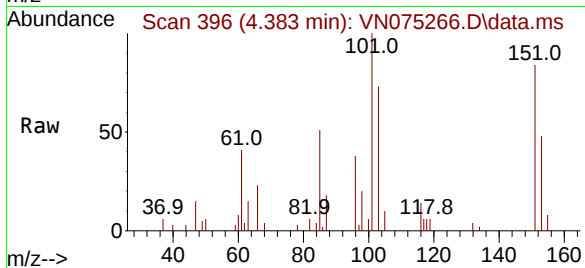
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.243 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075266.D
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ClientSampleId :
VN1114WBSD01

Tgt Ion:101 Resp: 2356
Ion Ratio Lower Upper
101 100
85 48.7 37.6 56.4
151 79.4 58.3 87.5

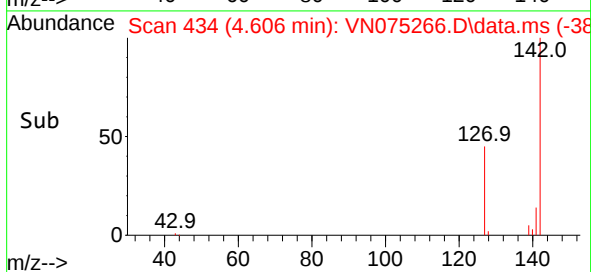
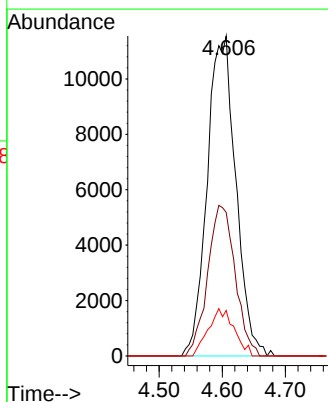
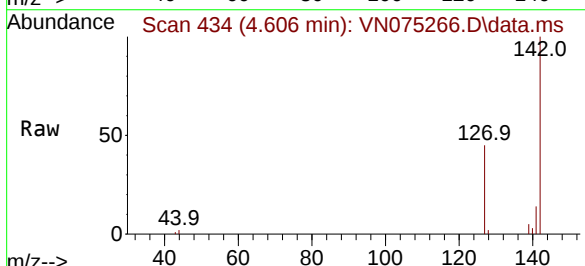
Manual Integrations
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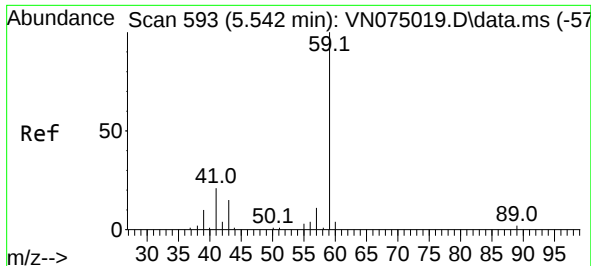
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#10
Methyl Iodide
Concen: 19.915 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.011 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion:142 Resp: 36314
Ion Ratio Lower Upper
142 100
127 45.3 38.0 57.0
141 13.3 12.2 18.4





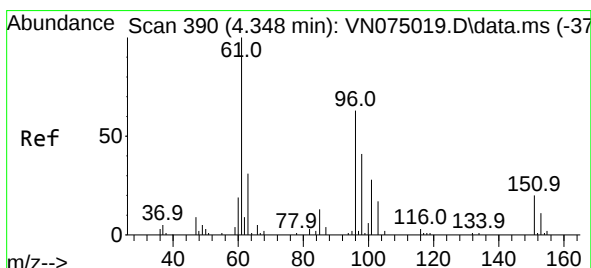
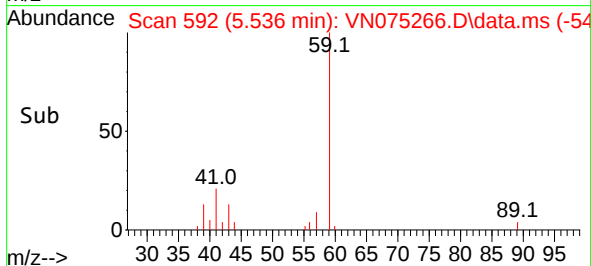
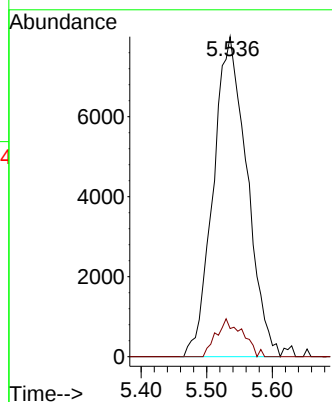
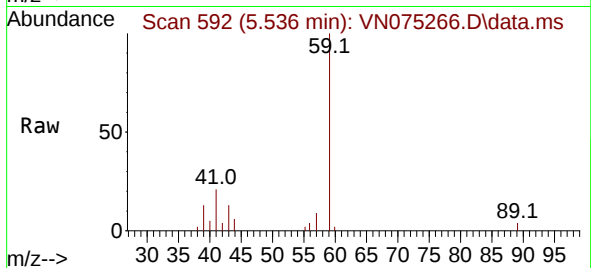
#11
Tert butyl alcohol
Concen: 82.503 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 59 Resp: 2855
Ion Ratio Lower Upper
59 100
57 9.2 8.5 12.7

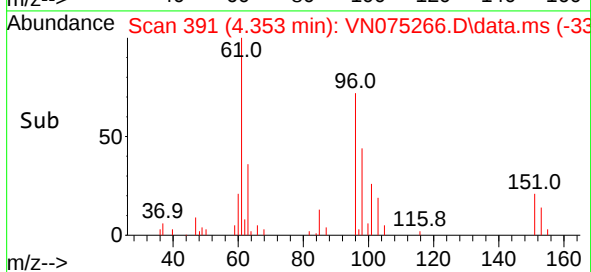
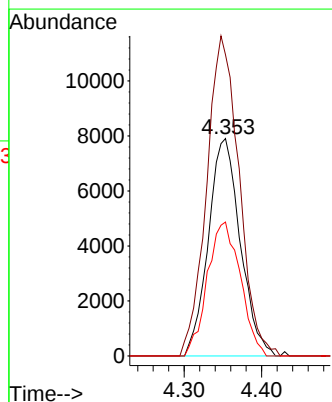
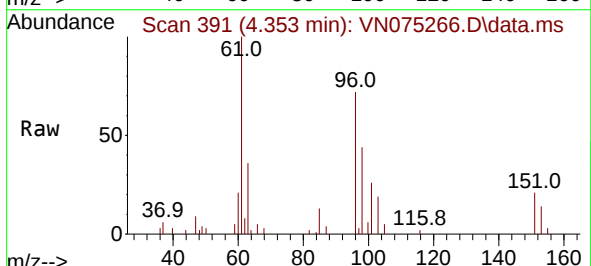
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#12
1,1-Dichloroethene
Concen: 19.380 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

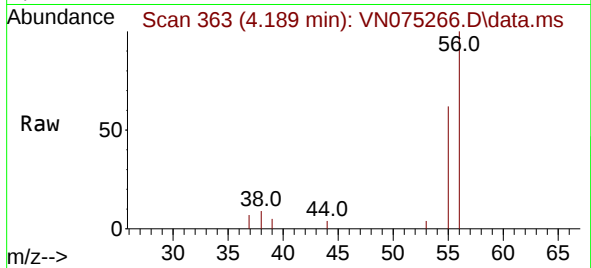
Tgt Ion: 96 Resp: 22626
Ion Ratio Lower Upper
96 100
61 138.5 126.2 189.4
98 61.6 51.5 77.3





#13
Acrolein
Concen: 60.597 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

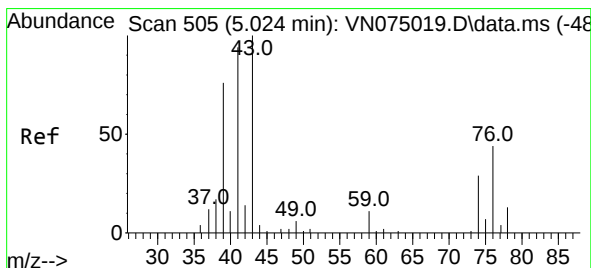
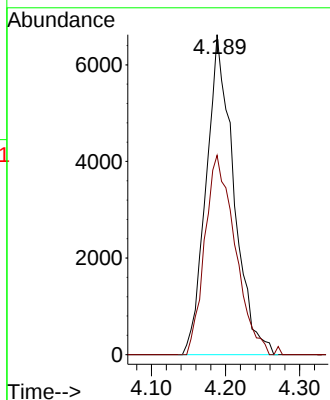
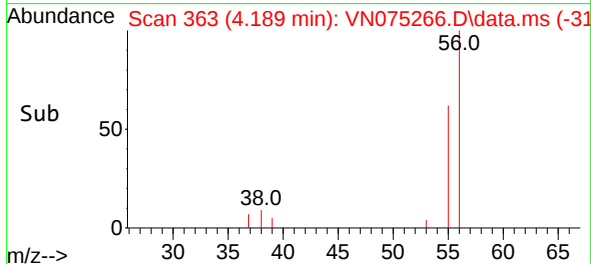
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



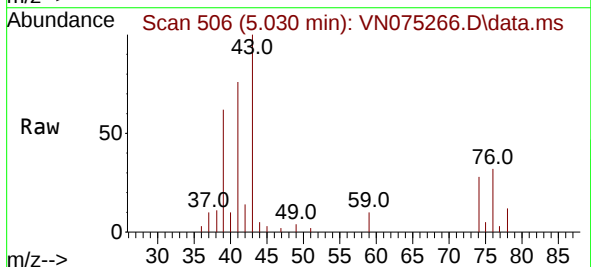
Tgt Ion: 56 Resp: 1715
Ion Ratio Lower Upper
56 100
55 68.3 55.2 82.8

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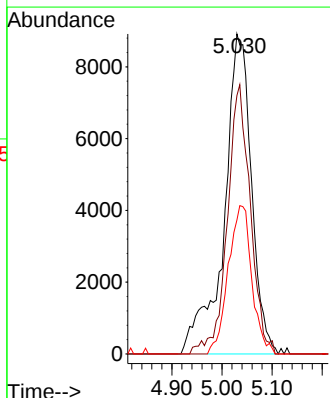
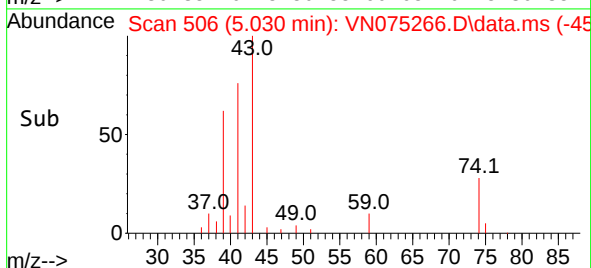
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#14
Allyl chloride
Concen: 19.835 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



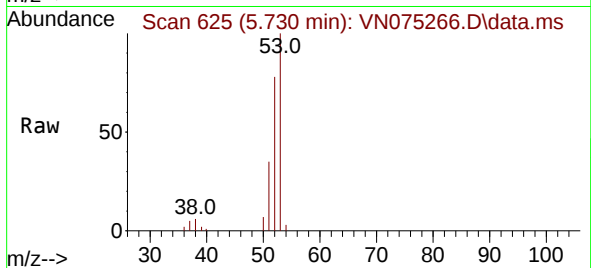
Tgt Ion: 41 Resp: 33822
Ion Ratio Lower Upper
41 100
39 70.6 61.0 91.4
76 39.9 33.4 50.0





#15
Acrylonitrile
Concen: 97.889 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

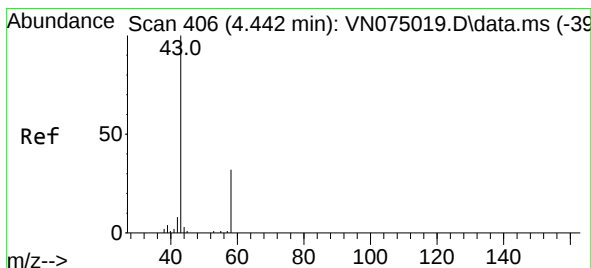
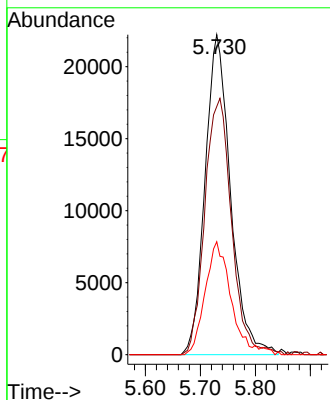
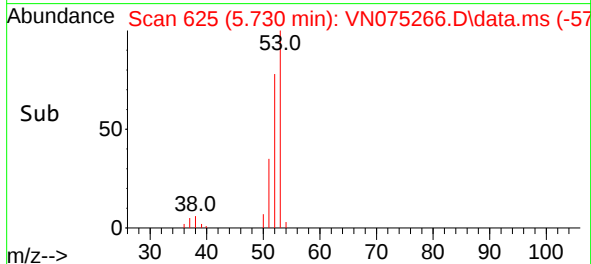
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 53 Resp: 71562
Ion Ratio Lower Upper
53 100
52 84.2 66.4 99.6
51 36.2 29.6 44.4

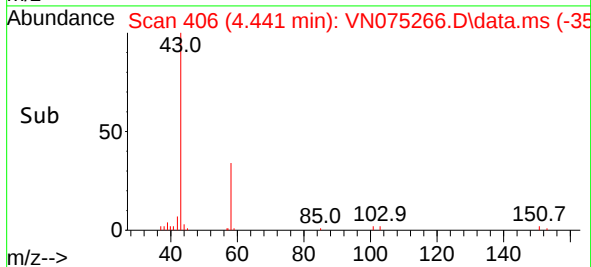
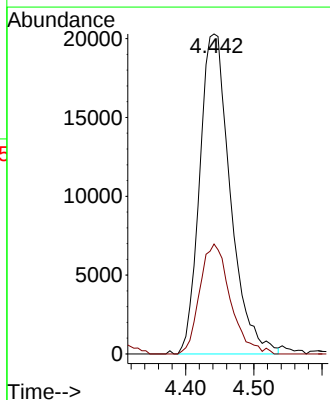
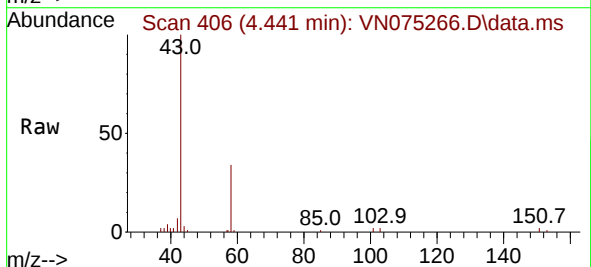
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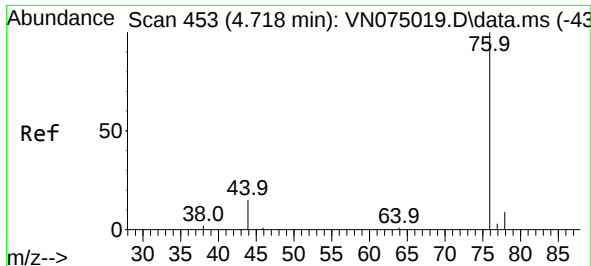
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Acetone
Concen: 101.068 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 43 Resp: 63507
Ion Ratio Lower Upper
43 100
58 34.4 25.5 38.3





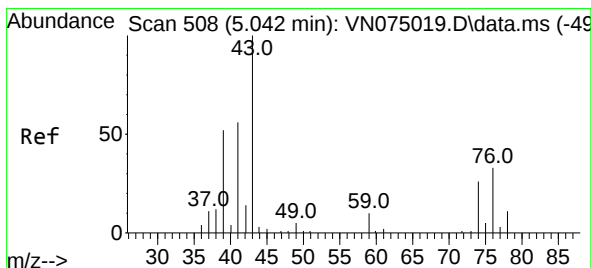
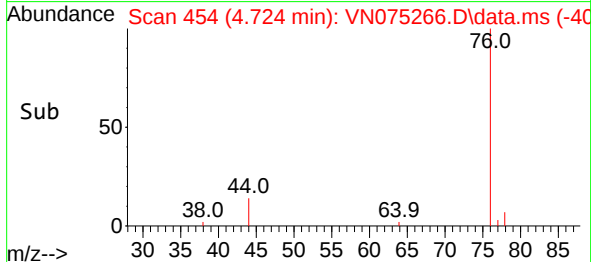
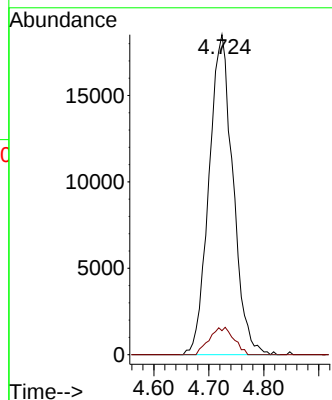
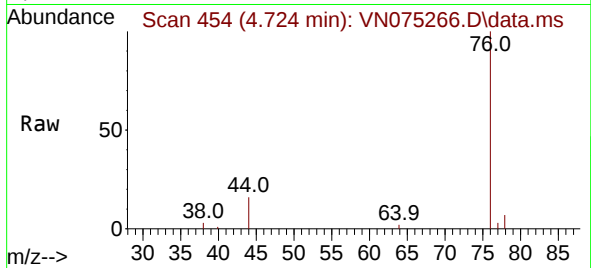
#17
Carbon Disulfide
Concen: 19.152 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 76 Resp: 56229
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.2

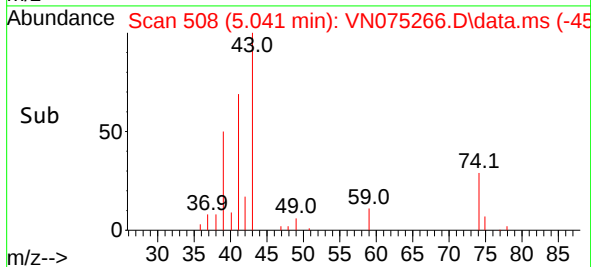
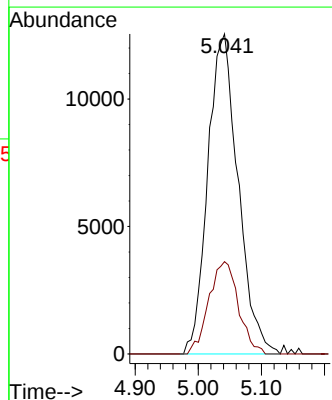
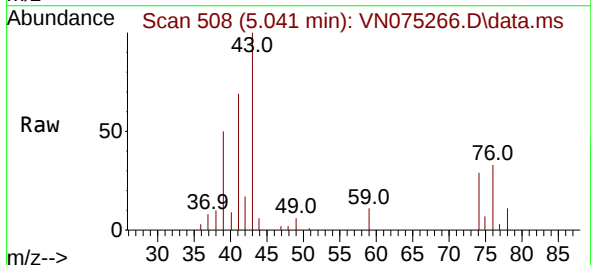
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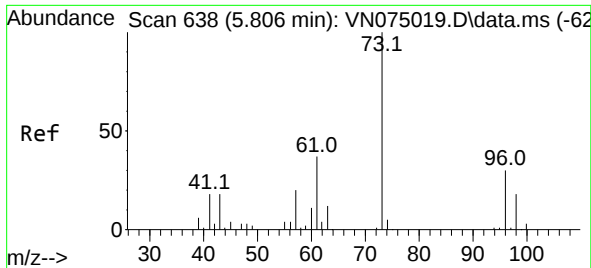
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#18
Methyl Acetate
Concen: 20.382 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.001 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 43 Resp: 41835
Ion Ratio Lower Upper
43 100
74 28.1 22.0 33.0





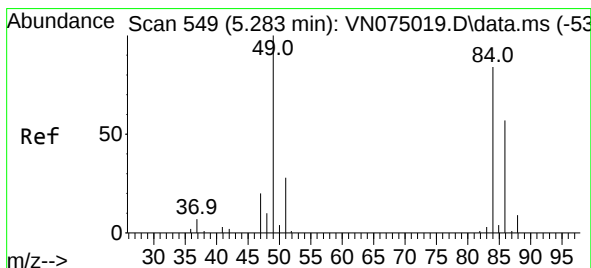
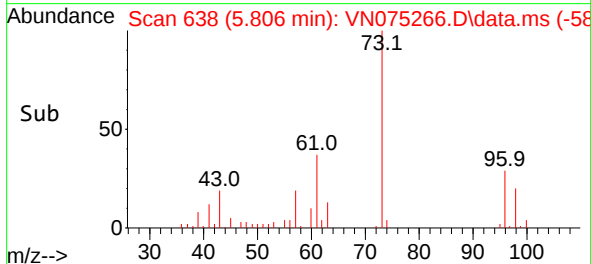
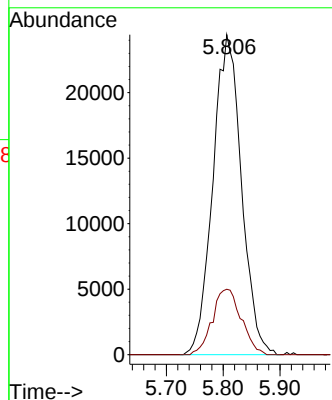
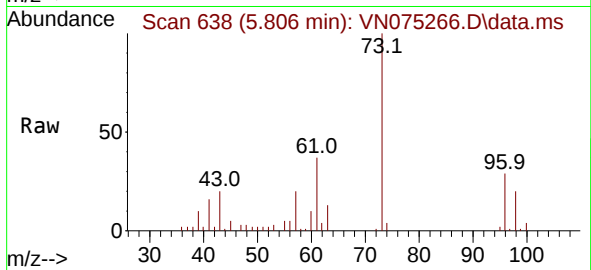
#19
Methyl tert-butyl Ether
Concen: 19.648 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 73 Resp: 8525
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5

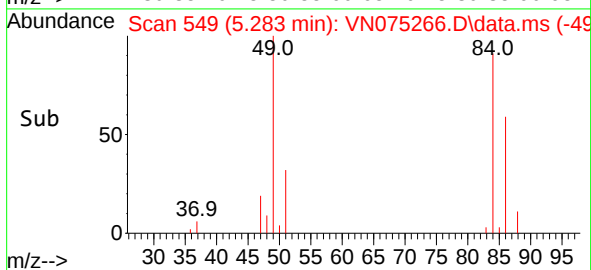
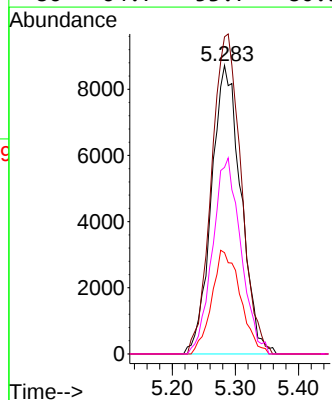
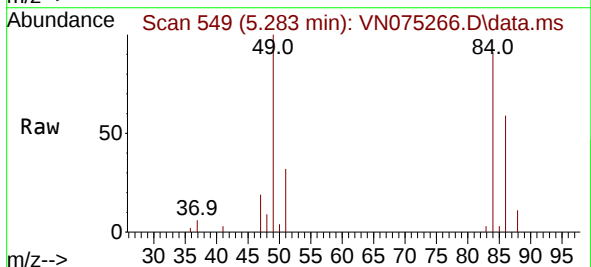
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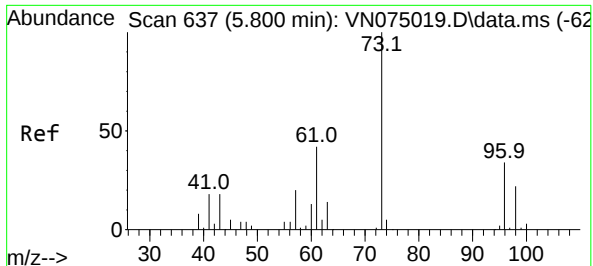
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#20
Methylene Chloride
Concen: 20.155 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 84 Resp: 28237
Ion Ratio Lower Upper
84 100
49 109.9 94.9 142.3
51 35.1 26.8 40.2
86 64.7 53.7 80.5





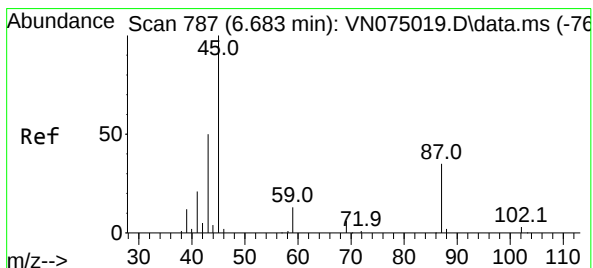
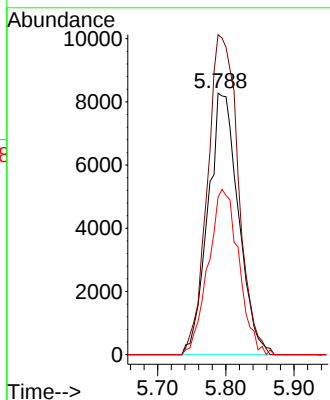
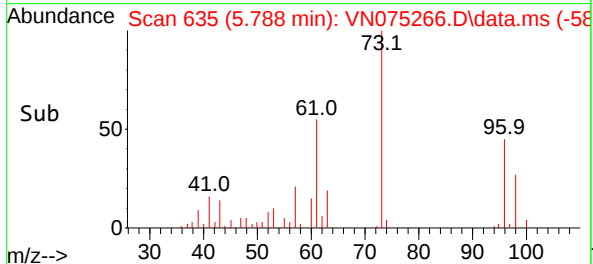
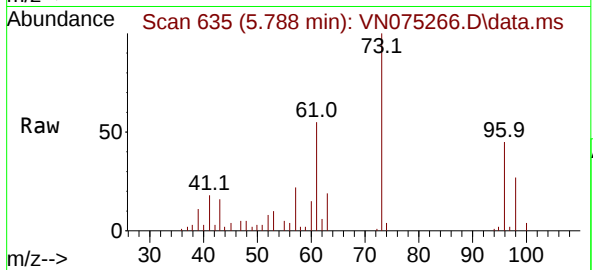
#21
trans-1,2-Dichloroethene
Concen: 20.126 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 96 Resp: 2572
Ion Ratio Lower Upper
96 100
61 122.3 99.9 149.9
98 60.2 51.5 77.3

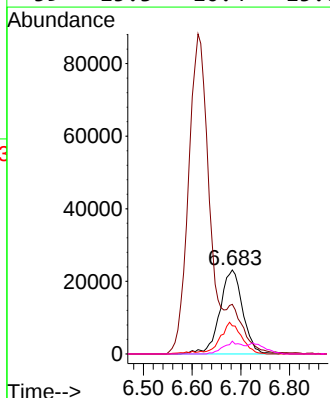
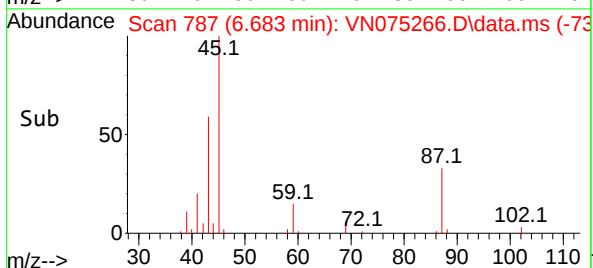
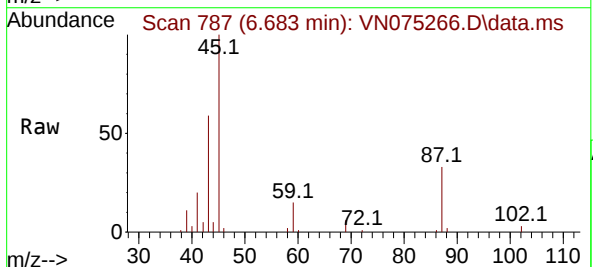
Manual Integrations
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Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
Diisopropyl ether
Concen: 19.968 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 45 Resp: 75140
Ion Ratio Lower Upper
45 100
43 57.3 42.8 64.2
87 33.4 28.4 42.6
59 15.3 10.4 15.6





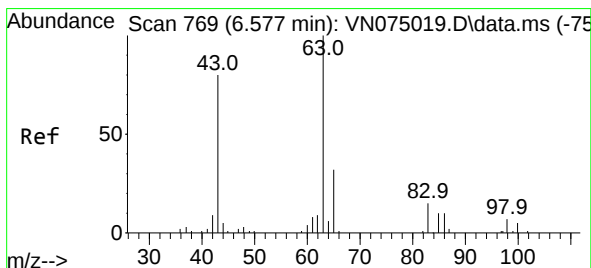
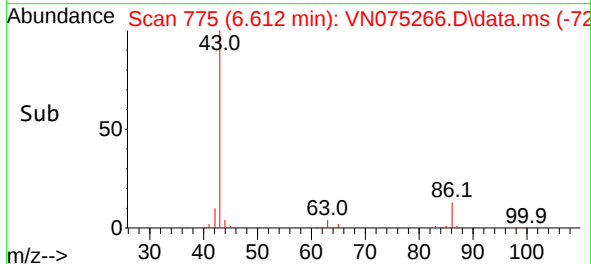
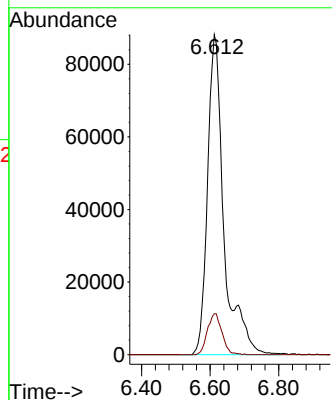
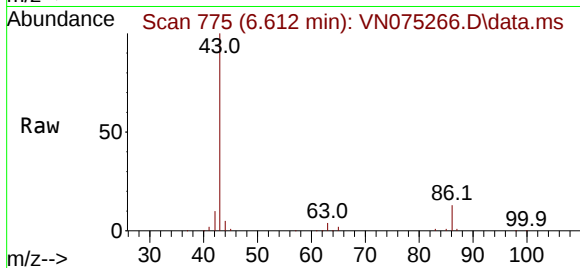
#23
 Vinyl Acetate
 Concen: 92.926 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075266.D
 Acq: 14 Nov 2022 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Tgt Ion: 43 Resp: 291998
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.7 16.1

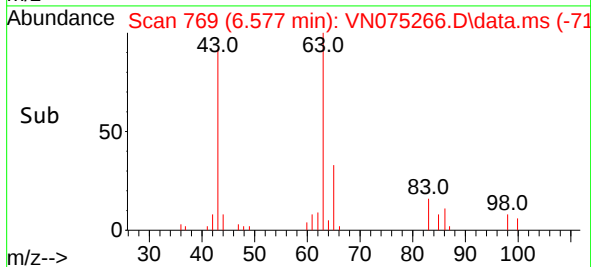
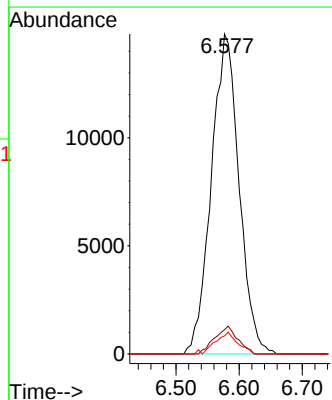
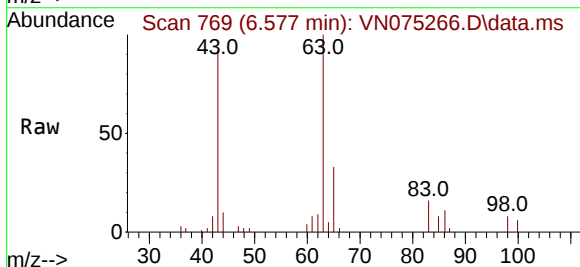
Manual Integrations
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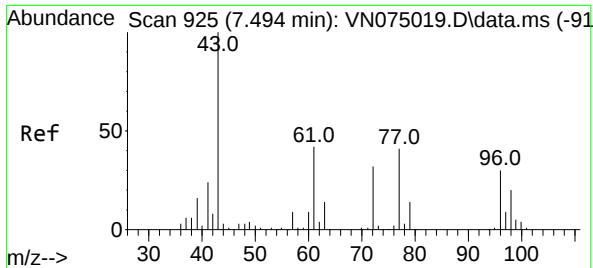
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#24
 1,1-Dichloroethane
 Concen: 18.982 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075266.D
 Acq: 14 Nov 2022 15:39

Tgt Ion: 63 Resp: 45175
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.6 2.4 7.2





#25

2-Butanone

Concen: 98.258 ug/l

RT: 7.494 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 43 Resp: 9711

Ion Ratio Lower Upper

43 100

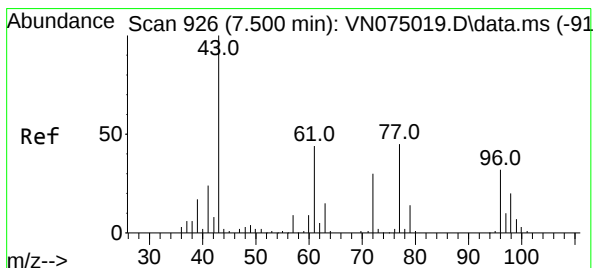
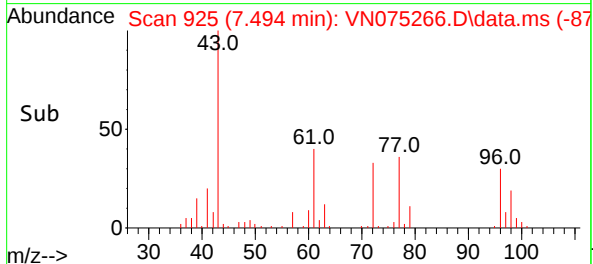
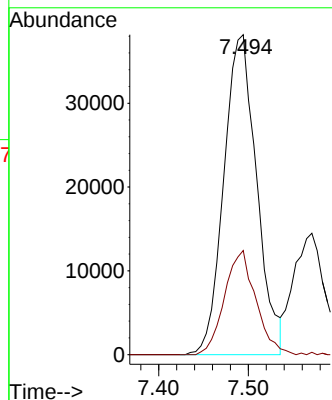
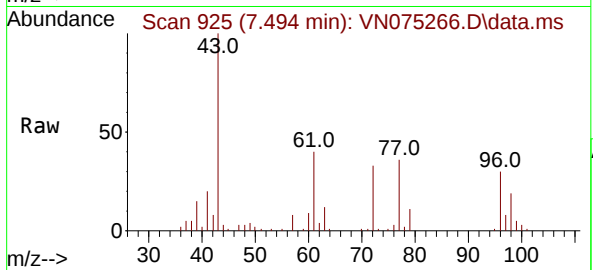
72 32.6 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#26

2,2-Dichloropropane

Concen: 18.158 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075266.D

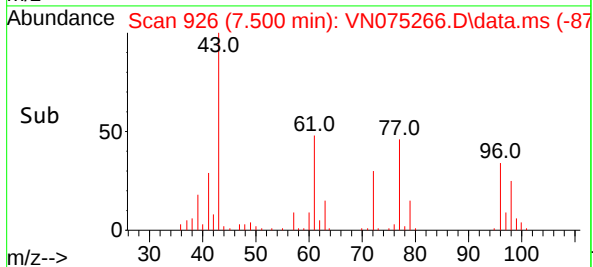
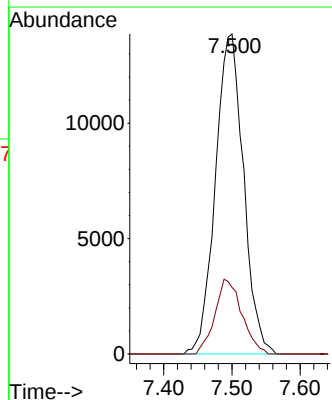
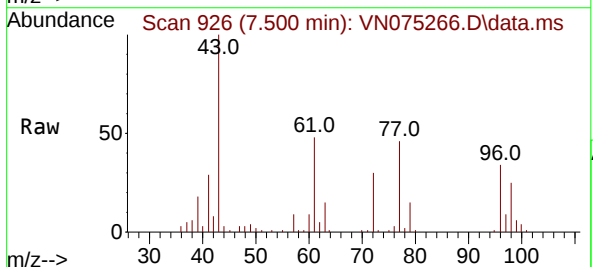
Acq: 14 Nov 2022 15:39

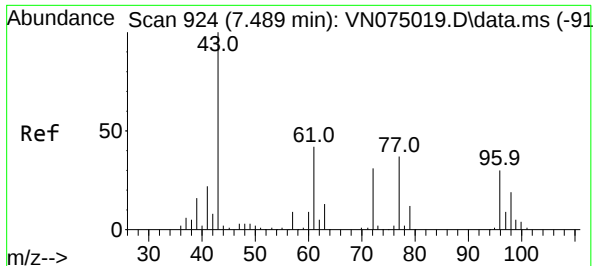
Tgt Ion: 77 Resp: 39756

Ion Ratio Lower Upper

77 100

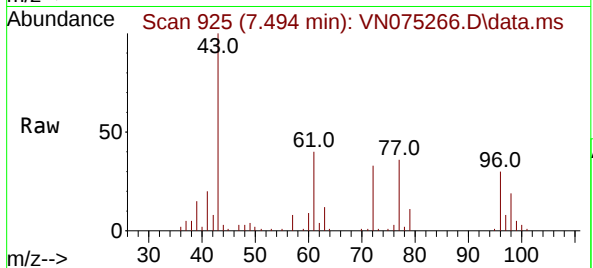
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.794 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075266.D
 Acq: 14 Nov 2022 15:39

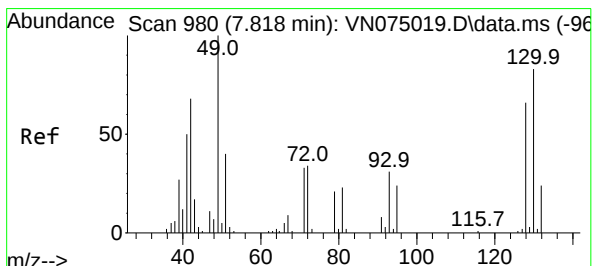
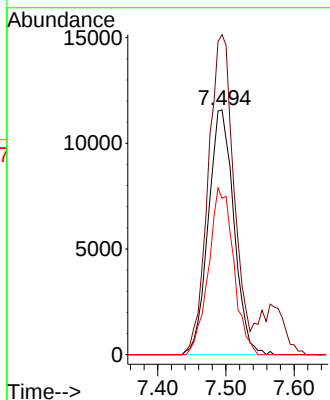
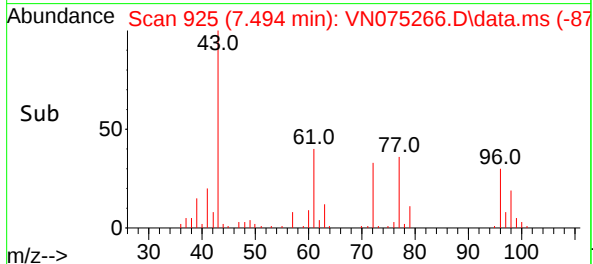
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



Tgt Ion: 96 Resp: 30210
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 278.8
 98 66.7 0.0 128.4

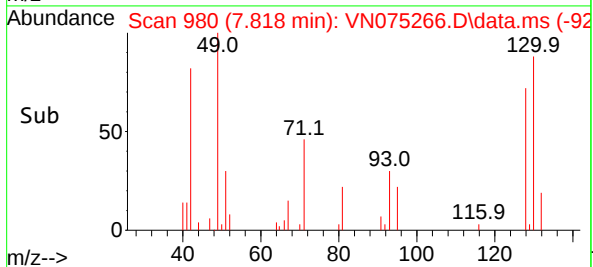
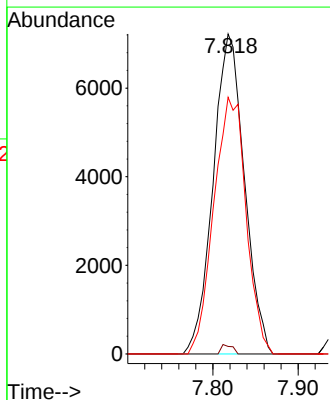
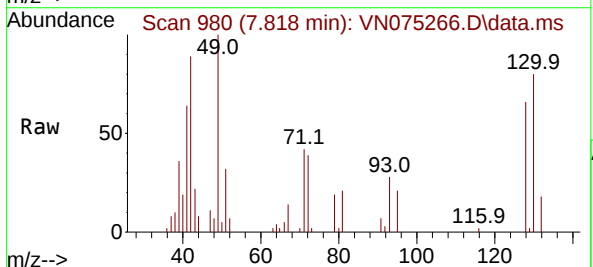
Manual Integrations
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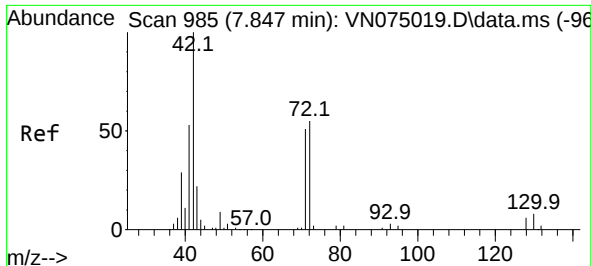
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#28
 Bromochloromethane
 Concen: 18.375 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075266.D
 Acq: 14 Nov 2022 15:39

Tgt Ion: 49 Resp: 18434
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 82.6 66.2 99.4





#29

Tetrahydrofuran

Concen: 92.198 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

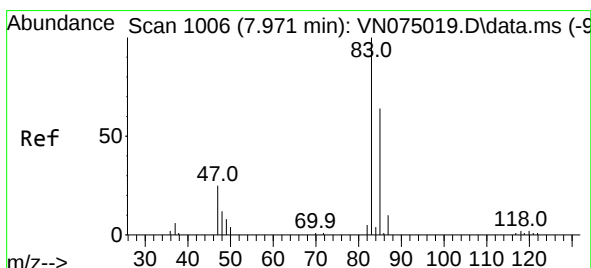
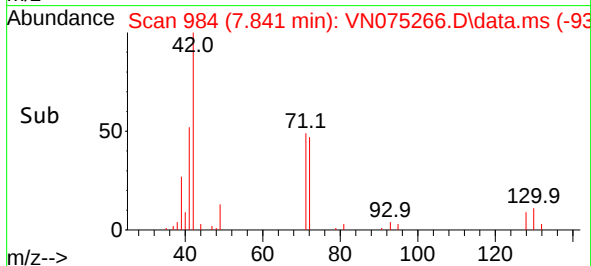
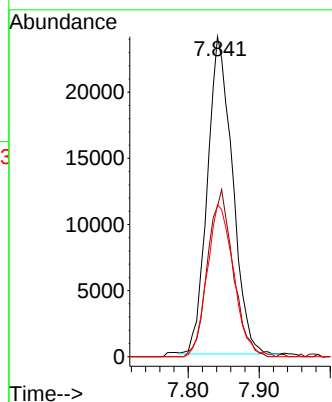
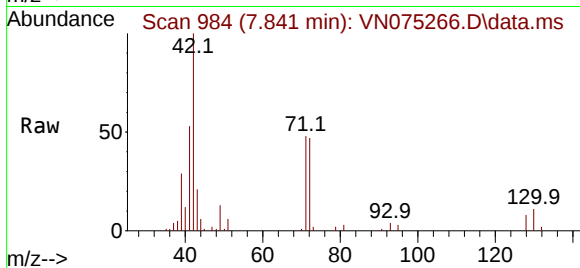
Tgt Ion:	42	Resp:	5888
Ion Ratio	Lower	Upper	
42	100		
72	53.3	43.0	64.6
71	50.9	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#30

Chloroform

Concen: 19.160 ug/l

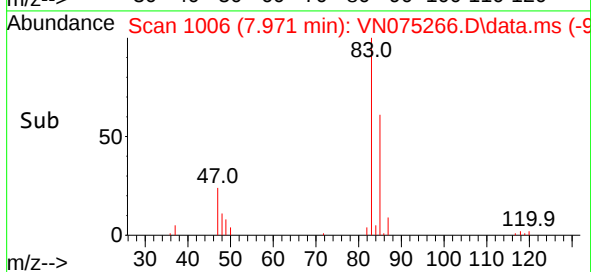
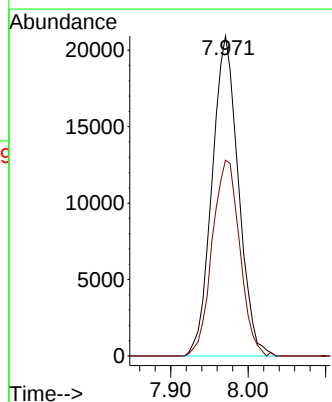
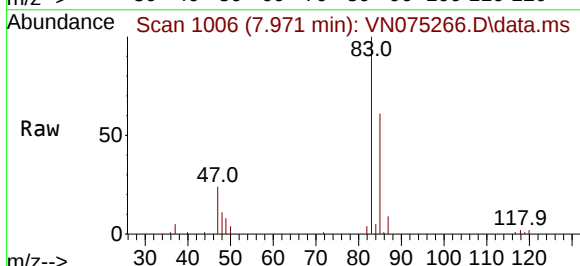
RT: 7.971 min Scan# 1006

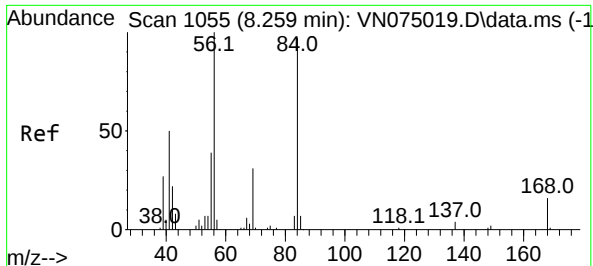
Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

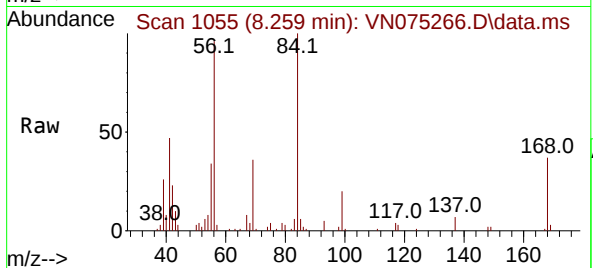
Tgt Ion:	83	Resp:	49509
Ion Ratio	Lower	Upper	
83	100		
85	61.2	51.4	77.0





#31
Cyclohexane
Concen: 18.337 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

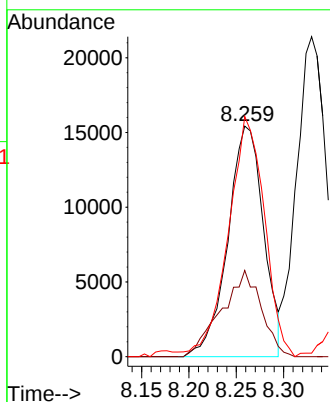
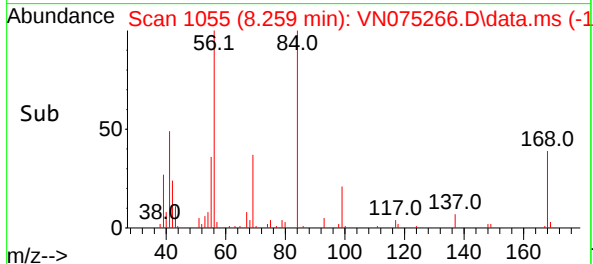
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



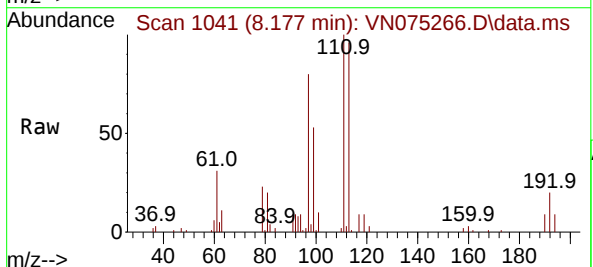
Tgt Ion: 56 Resp: 4047
Ion Ratio Lower Upper
56 100
69 37.4 25.2 37.8
84 102.2 77.8 116.8

Manual Integrations
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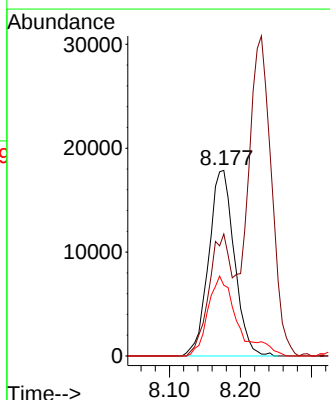
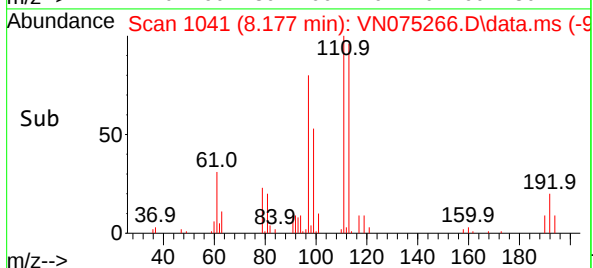
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#32
1,1,1-Trichloroethane
Concen: 19.069 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 97 Resp: 44746
Ion Ratio Lower Upper
97 100
99 55.3 50.2 75.2
61 49.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 44.440 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 65 Resp: 6594

Ion Ratio Lower Upper

65 100

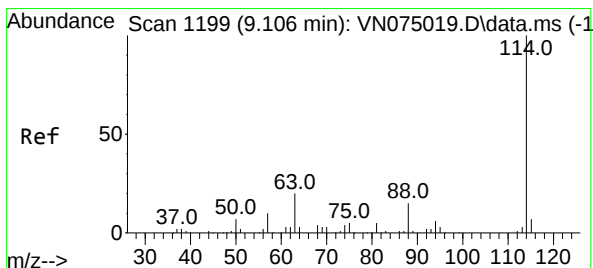
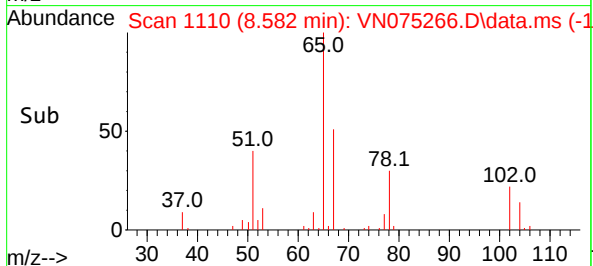
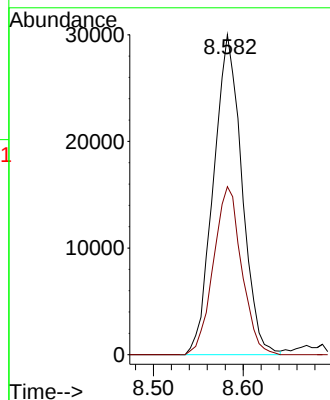
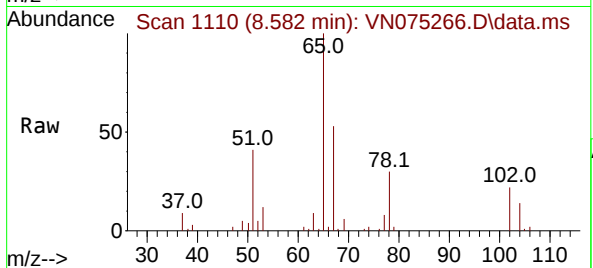
67 52.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

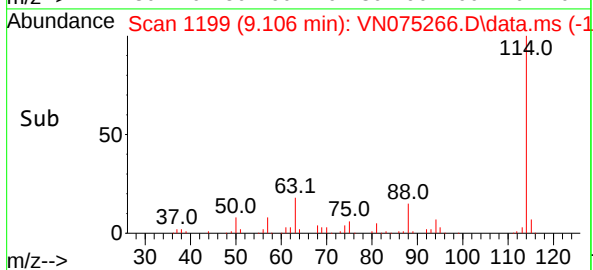
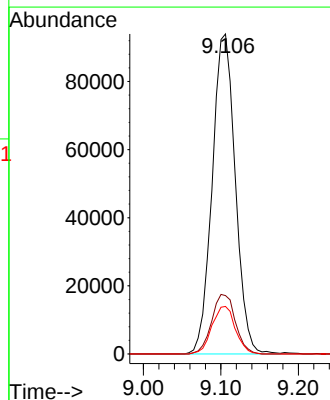
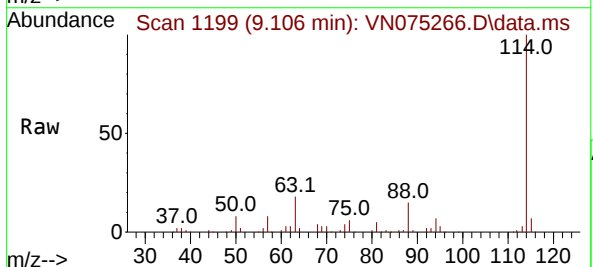
Tgt Ion:114 Resp: 194813

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

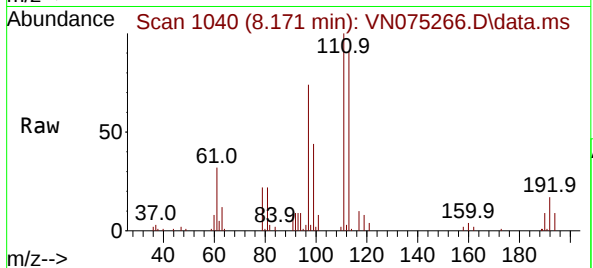
88 14.9 0.0 29.0





#35
Dibromofluoromethane
Concen: 48.683 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

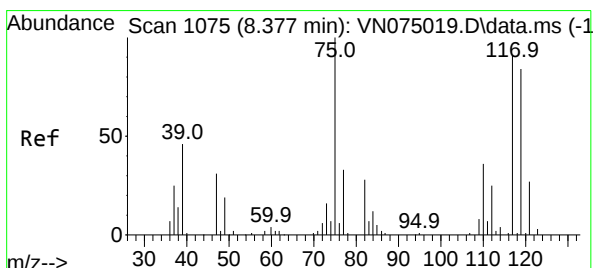
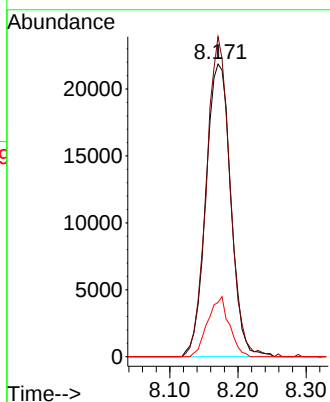
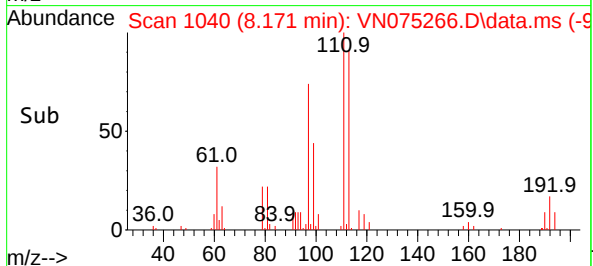
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



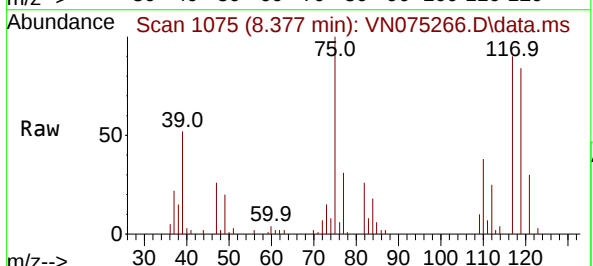
Tgt Ion:113 Resp: 55670
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 17.7 13.2 19.8

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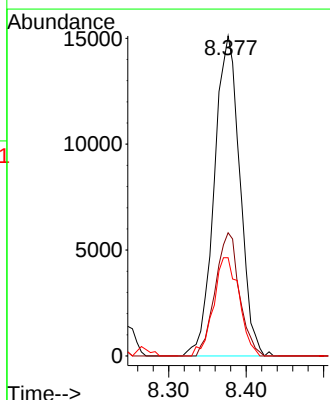
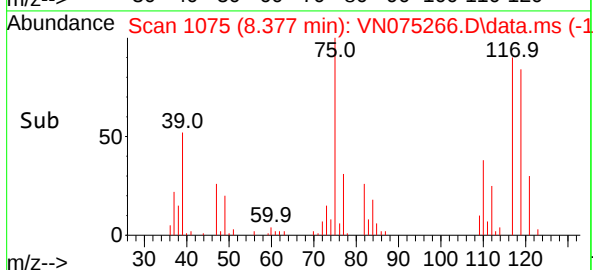
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#36
1,1-Dichloropropene
Concen: 19.554 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 75 Resp: 34622
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.3
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 19.106 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 43 Resp: 37100

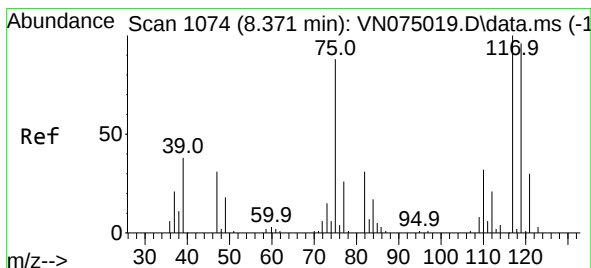
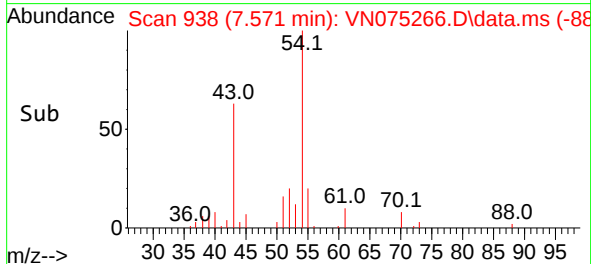
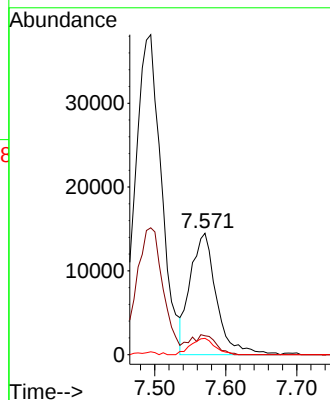
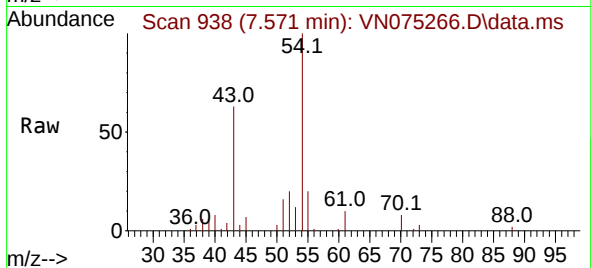
Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.2	18.4
70	12.3	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#38

Carbon Tetrachloride

Concen: 20.003 ug/l

RT: 8.365 min Scan# 1073

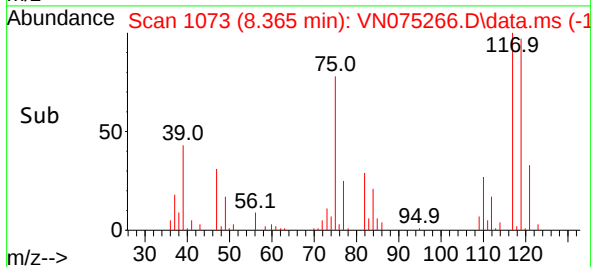
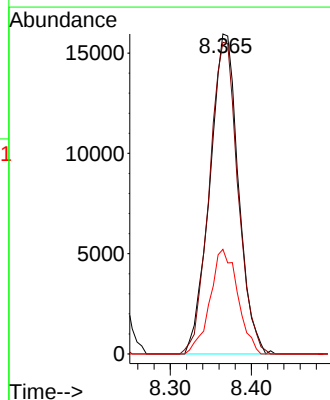
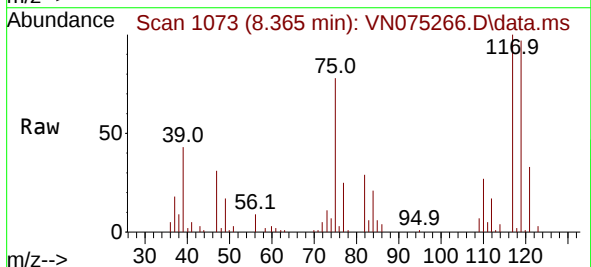
Delta R.T. -0.006 min

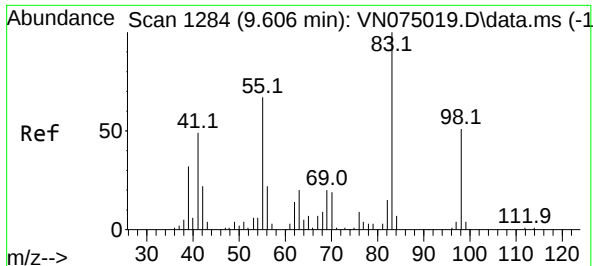
Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Tgt Ion: 117 Resp: 38958

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.7	115.1
121	32.7	23.9	35.9





#39

Methylcyclohexane

Concen: 19.696 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. -0.006 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

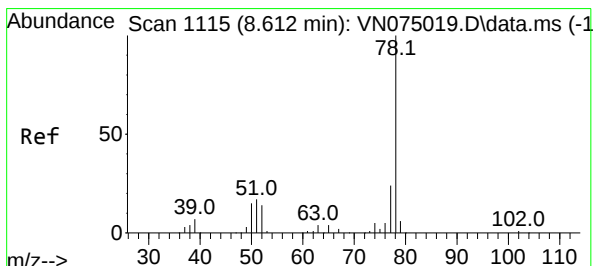
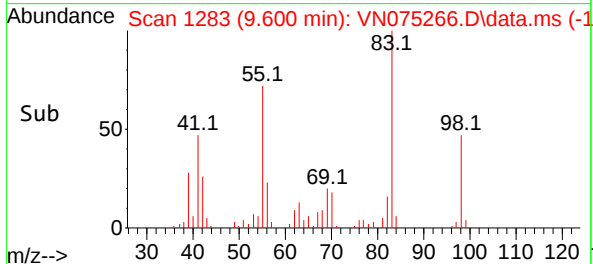
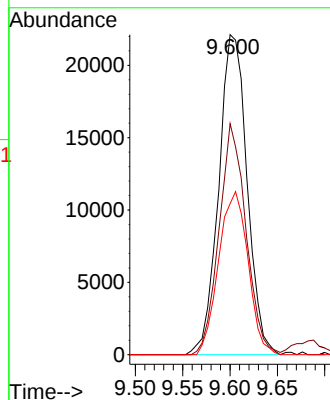
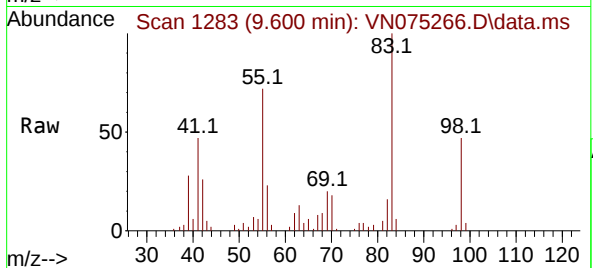
Tgt Ion: 83	Resp: 46039
Ion Ratio	Lower Upper
83	100
55	72.2 53.6 80.4
98	47.2 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#40

Benzene

Concen: 20.595 ug/l

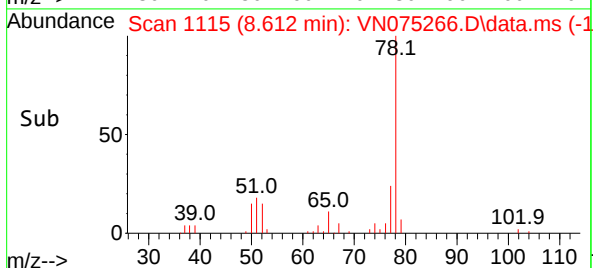
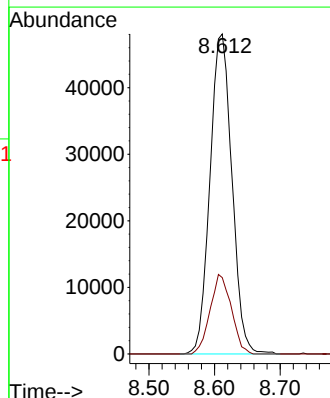
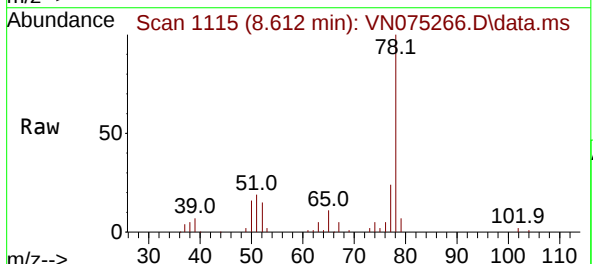
RT: 8.612 min Scan# 1115

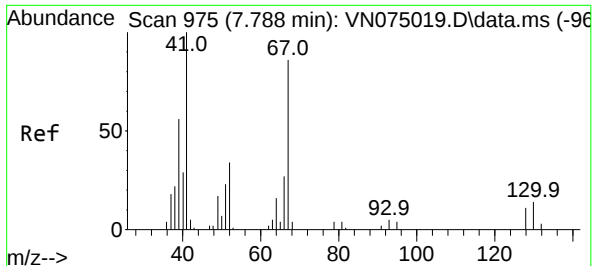
Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

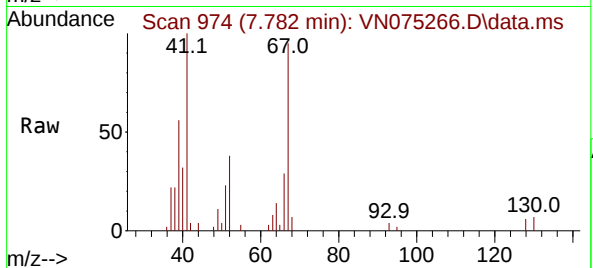
Tgt Ion: 78	Resp: 111653
Ion Ratio	Lower Upper
78	100
77	23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 19.876 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

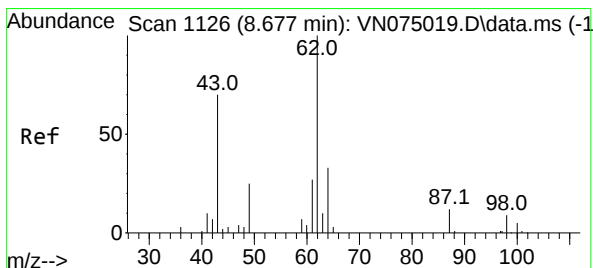
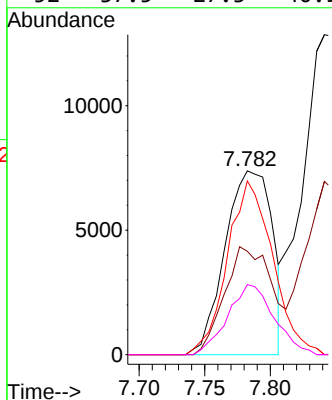
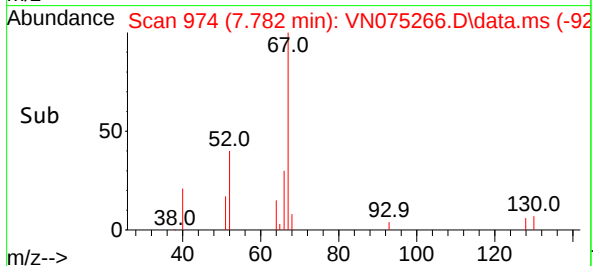
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 41 Resp: 18490
Ion Ratio Lower Upper
41 100
39 59.9 44.4 66.6
67 91.0 69.8 104.6
52 37.5 27.3 40.9

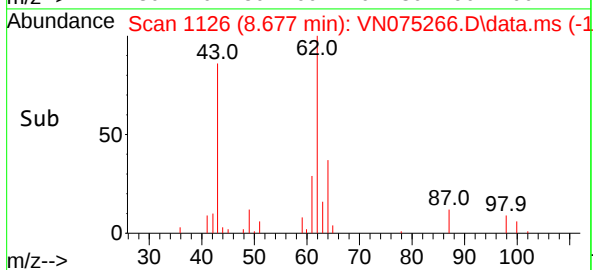
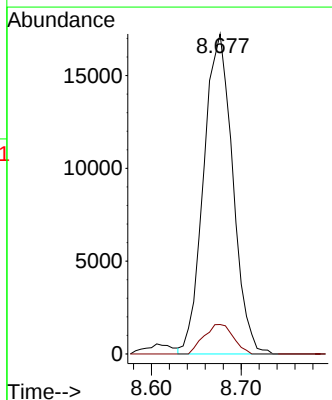
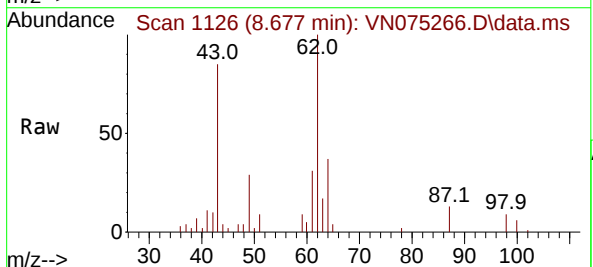
Manual Integrations
APPROVED

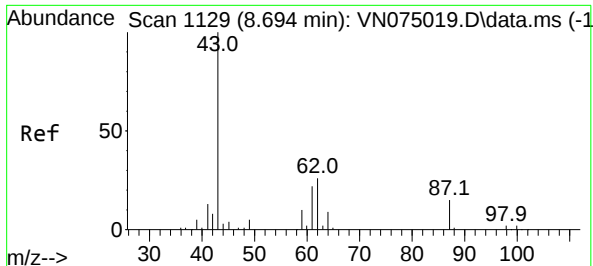
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#42
1,2-Dichloroethane
Concen: 19.667 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 62 Resp: 38790
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43

Isopropyl Acetate

Concen: 19.532 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

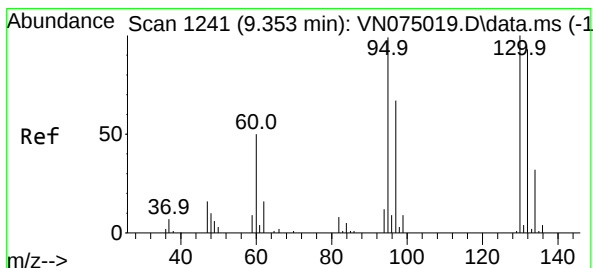
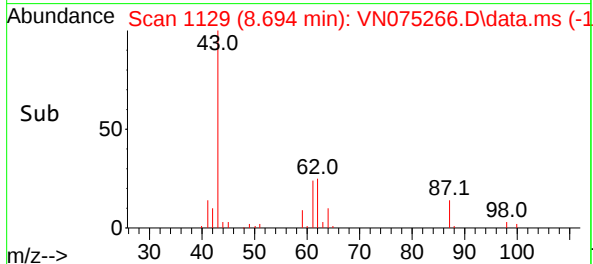
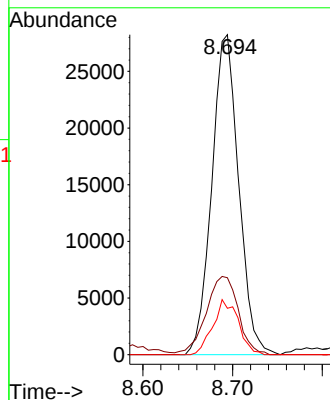
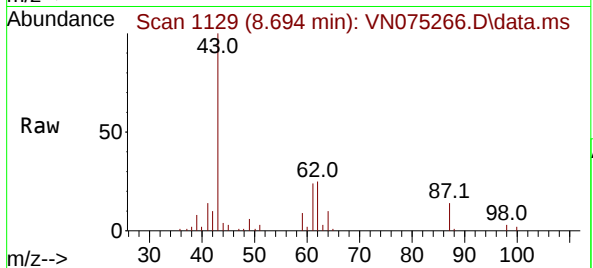
Tgt Ion: 43	Resp: 58830
Ion Ratio	Lower Upper
43	100
61	29.2 22.4 33.6
87	16.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#44

Trichloroethene

Concen: 20.863 ug/l

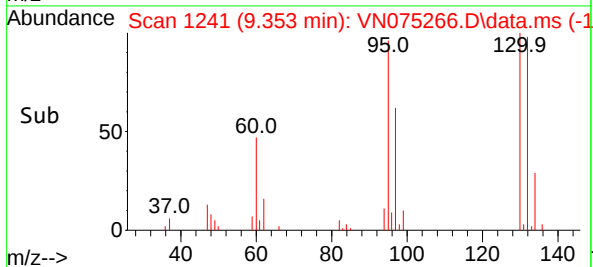
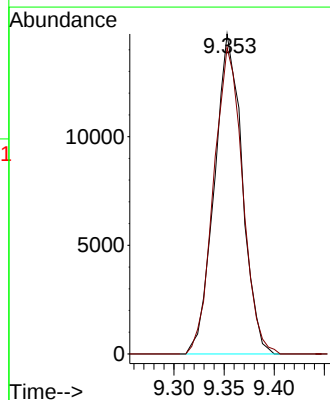
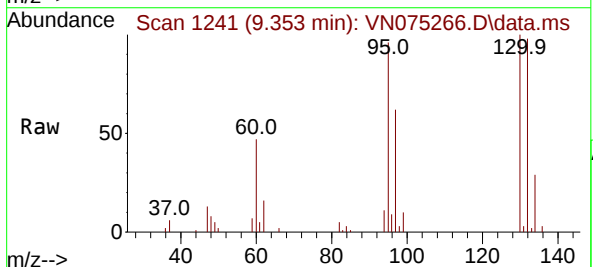
RT: 9.353 min Scan# 1241

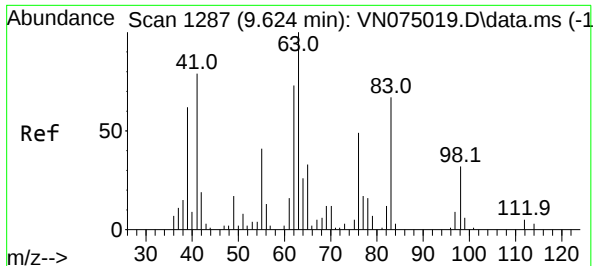
Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Tgt Ion:130	Resp: 28376
Ion Ratio	Lower Upper
130	100
95	95.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.354 ug/l

RT: 9.624 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 63 Resp: 27550

Ion Ratio Lower Upper

63 100

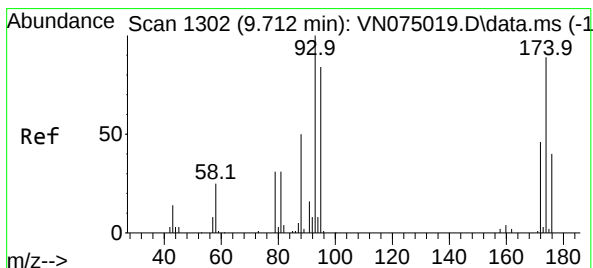
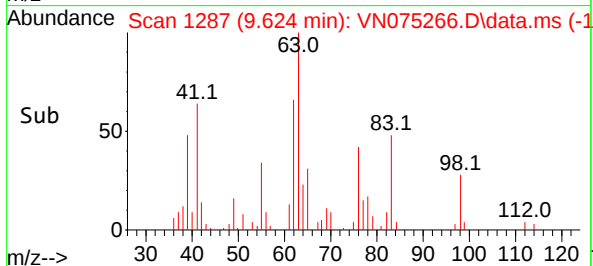
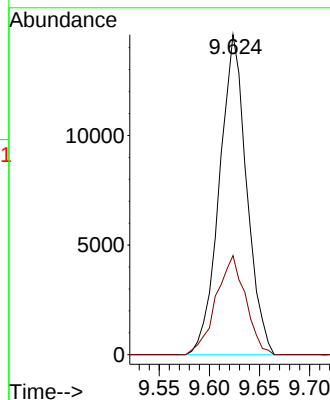
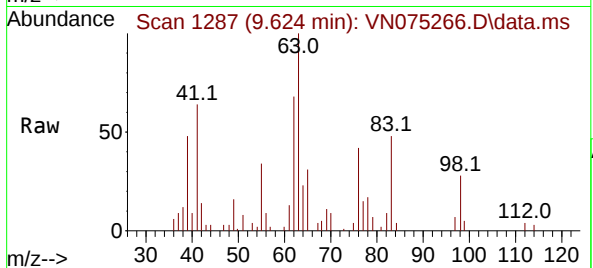
65 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#46

Dibromomethane

Concen: 20.607 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

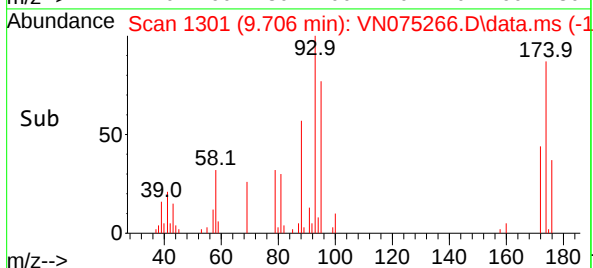
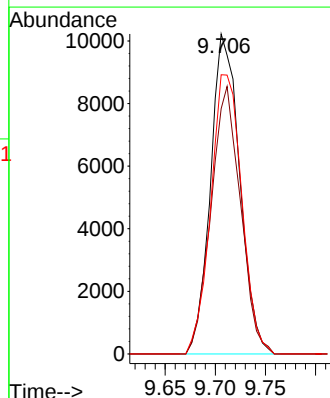
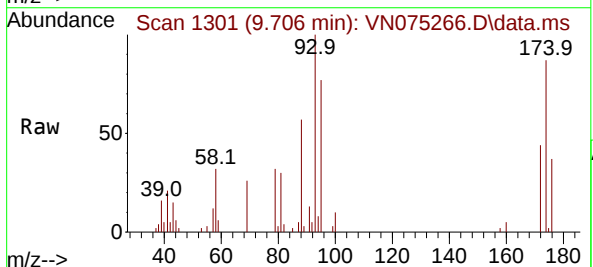
Tgt Ion: 93 Resp: 20713

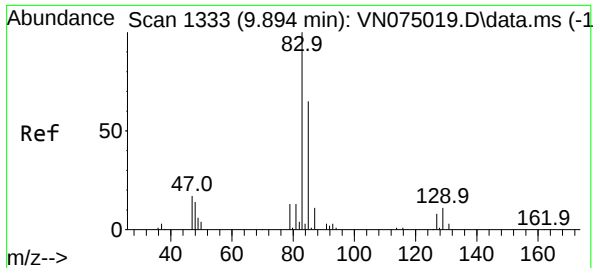
Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

174 92.7 70.3 105.5





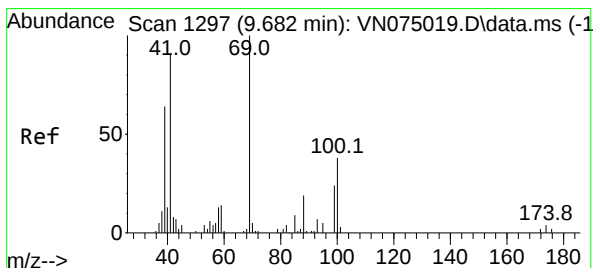
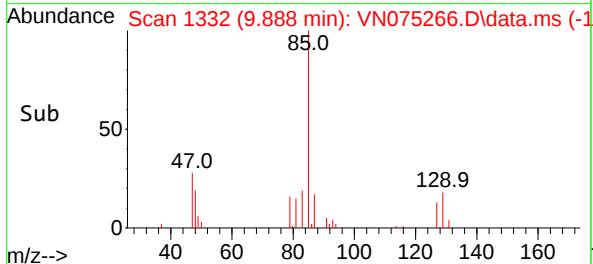
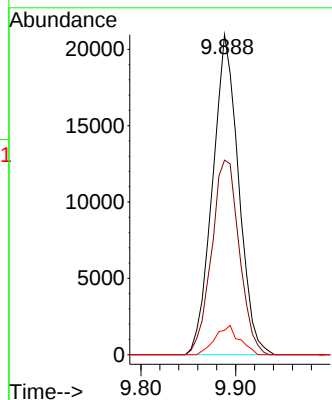
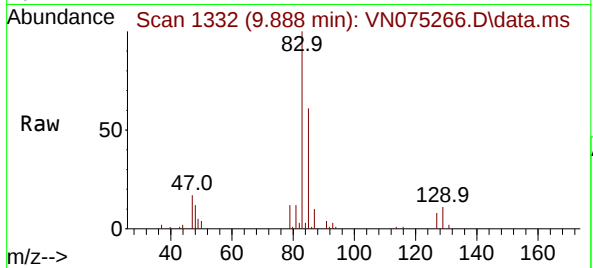
#47
Bromodichloromethane
Concen: 20.567 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 83 Resp: 4003
Ion Ratio Lower Upper
83 100
85 60.8 52.1 78.1
127 7.6 6.6 10.0

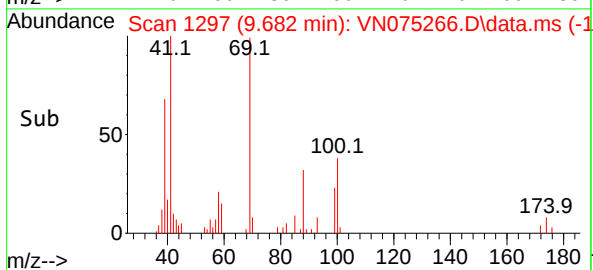
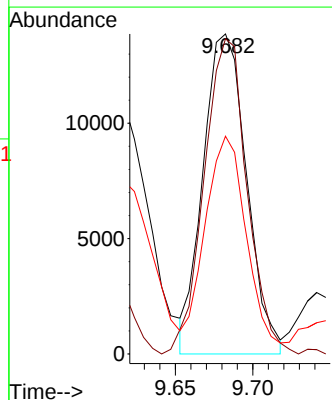
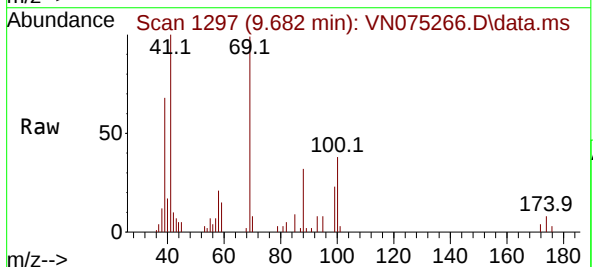
Manual Integrations
APPROVED

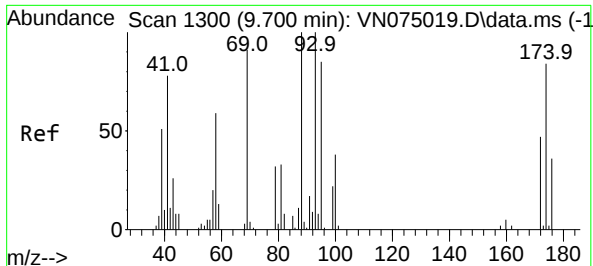
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#48
Methyl methacrylate
Concen: 19.610 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 41 Resp: 27093
Ion Ratio Lower Upper
41 100
69 97.2 80.2 120.2
39 65.4 56.2 84.2





#49

1,4-Dioxane

Concen: 413.361 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 88 Resp: 1495

Ion Ratio Lower Upper

88 100

43 22.8 17.5 26.3

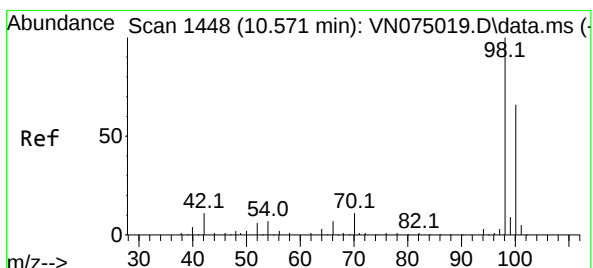
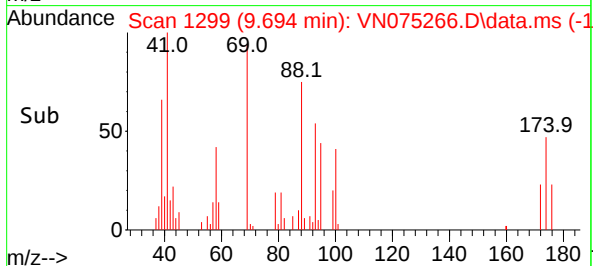
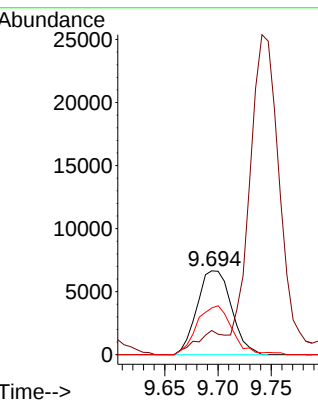
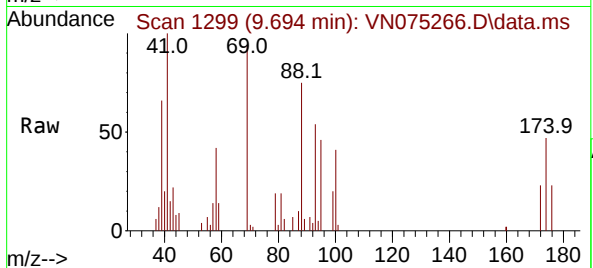
58 59.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#50

Toluene-d8

Concen: 45.202 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075266.D

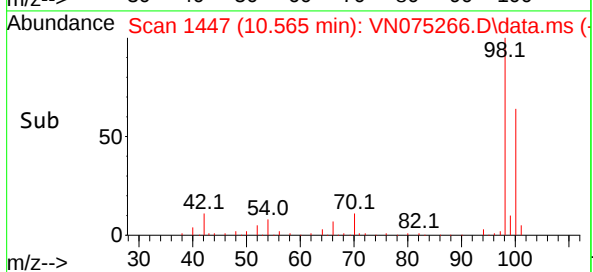
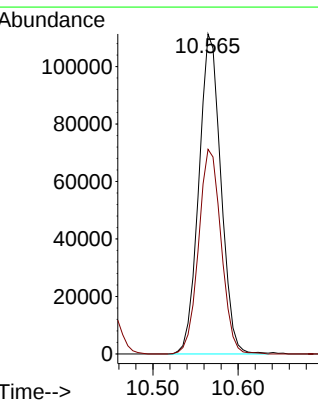
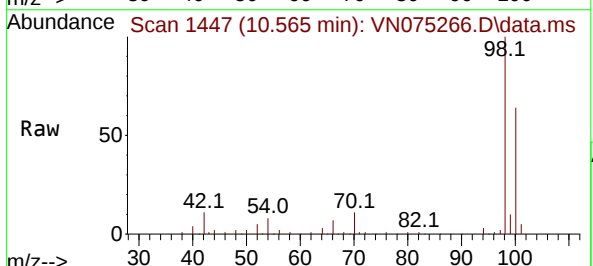
Acq: 14 Nov 2022 15:39

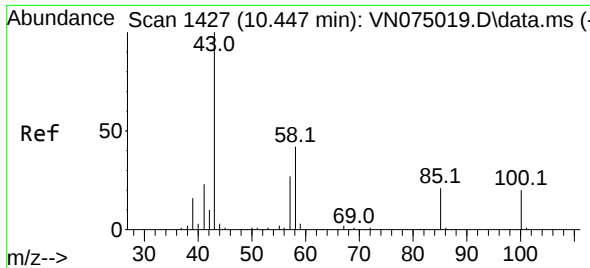
Tgt Ion: 98 Resp: 200565

Ion Ratio Lower Upper

98 100

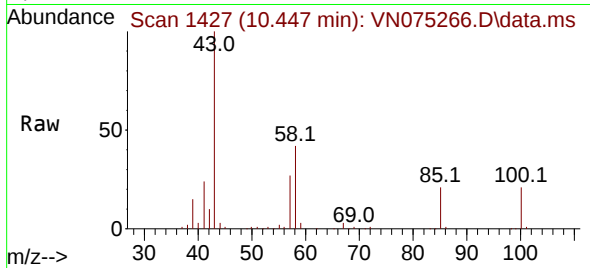
100 65.3 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 97.806 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

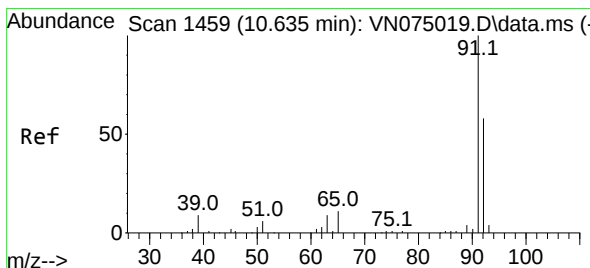
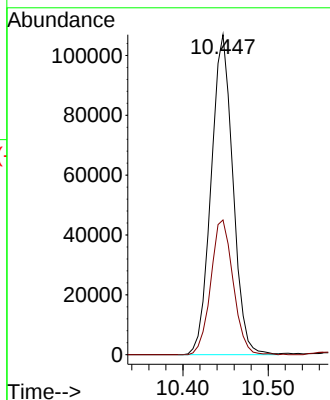
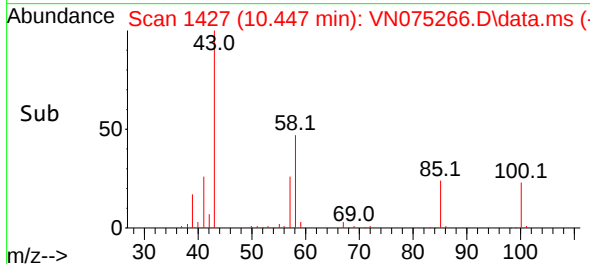
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



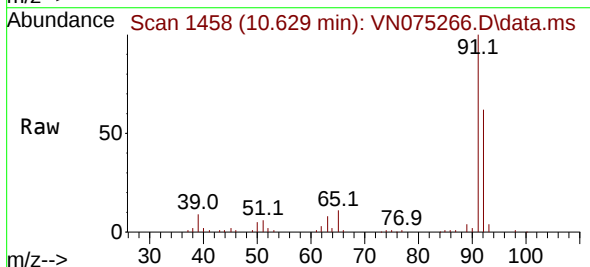
Tgt Ion: 43 Resp: 190095
Ion Ratio Lower Upper
43 100
58 43.2 33.6 50.4

Manual Integrations
APPROVED

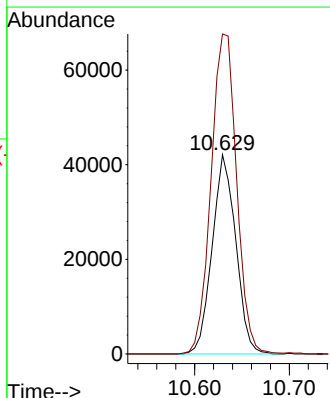
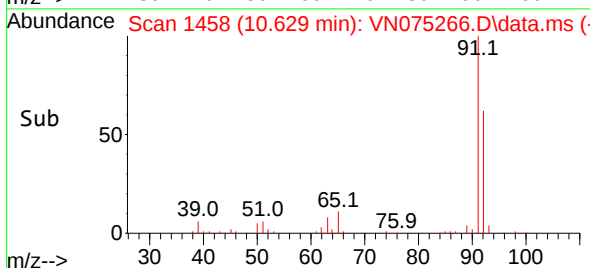
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

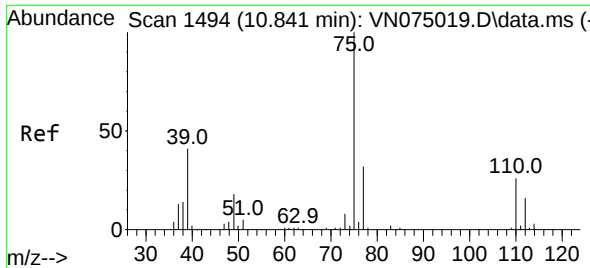


#52
Toluene
Concen: 20.098 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 92 Resp: 72832
Ion Ratio Lower Upper
92 100
91 174.2 135.4 203.2





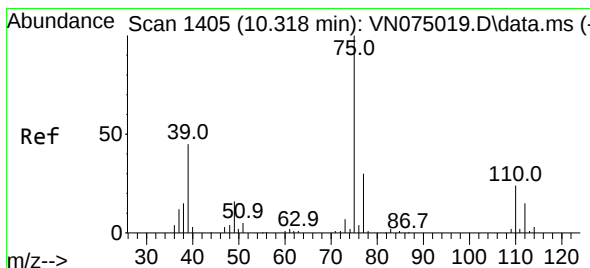
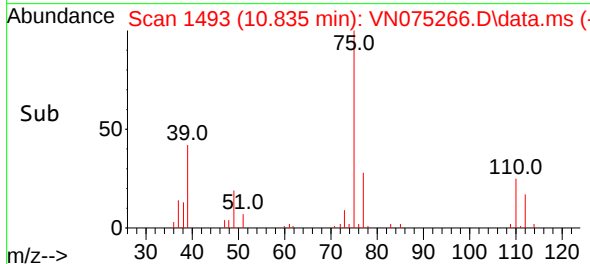
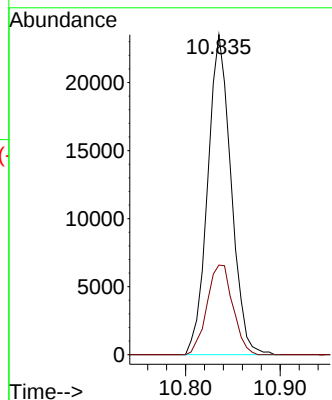
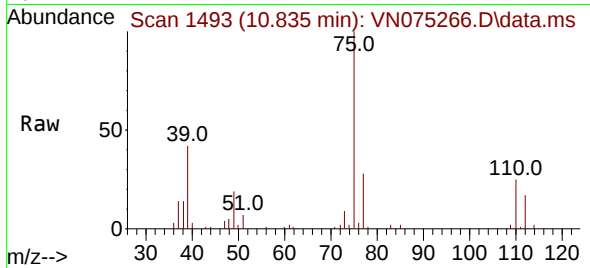
#53
t-1,3-Dichloropropene
Concen: 19.632 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 75 Resp: 4033
Ion Ratio Lower Upper
75 100
77 28.0 25.4 38.2

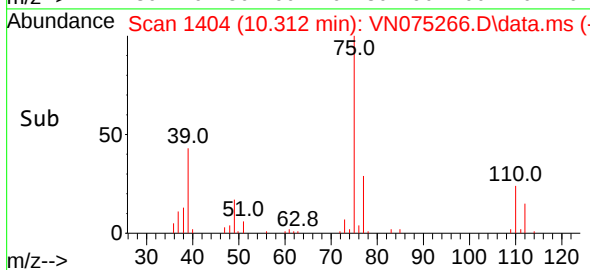
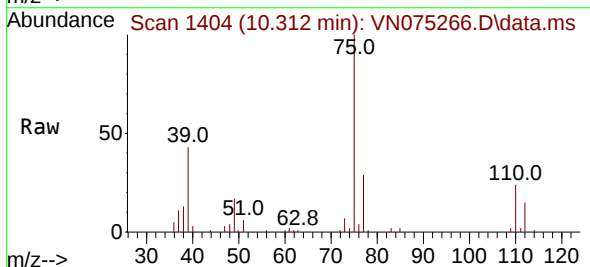
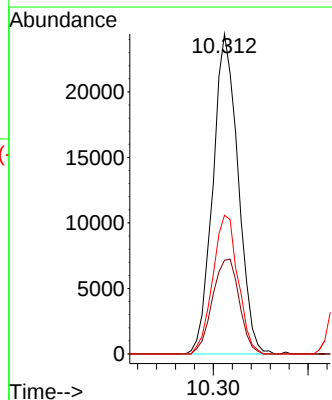
Manual Integrations
APPROVED

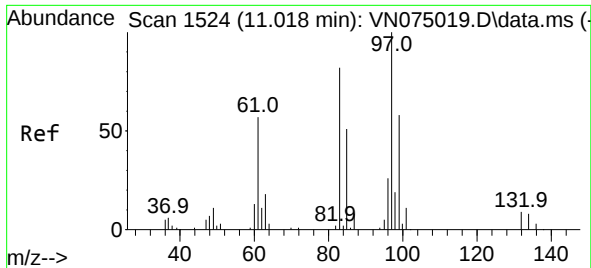
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#54
cis-1,3-Dichloropropene
Concen: 20.698 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

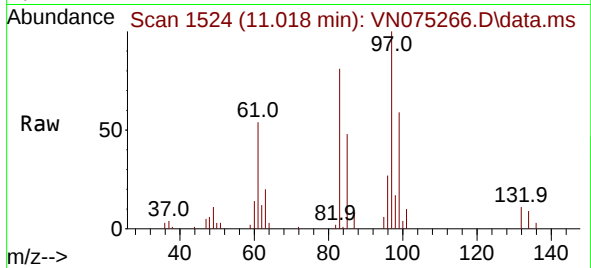
Tgt Ion: 75 Resp: 45103
Ion Ratio Lower Upper
75 100
77 29.3 23.7 35.5
39 43.4 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.640 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

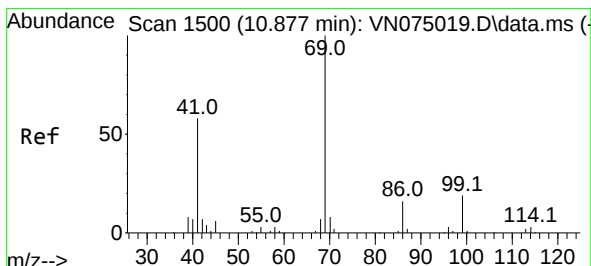
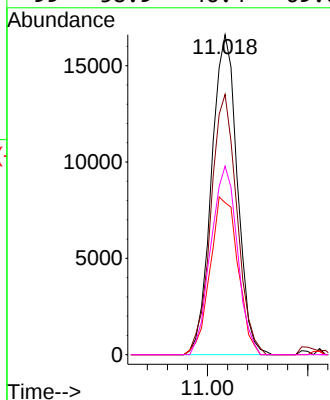
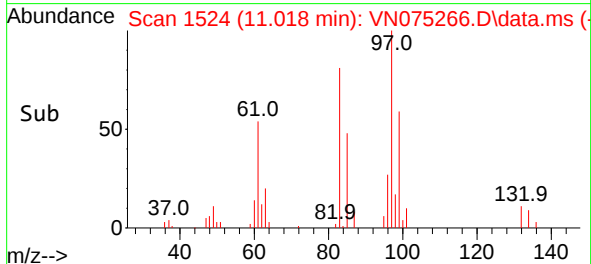
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.9	98.9
85	47.5	40.4	60.6
99	58.9	46.4	69.6

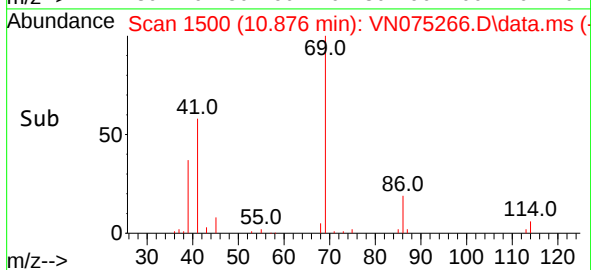
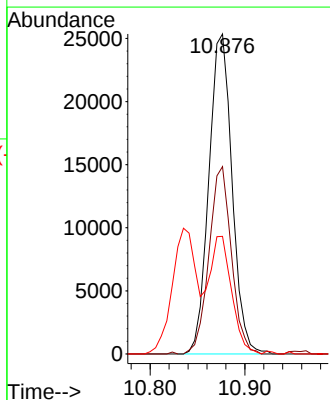
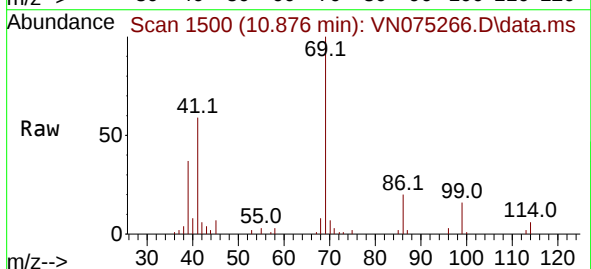
Manual Integrations
APPROVED

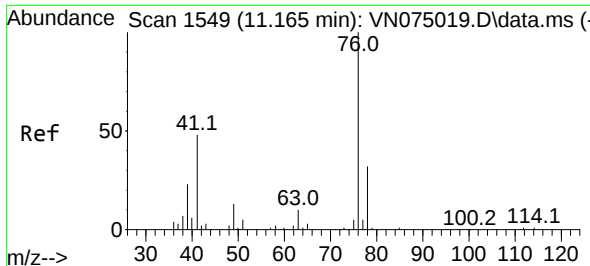
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#56
Ethyl methacrylate
Concen: 19.700 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.6	68.4
39	36.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.329 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 76 Resp: 48640

Ion Ratio Lower Upper

76 100

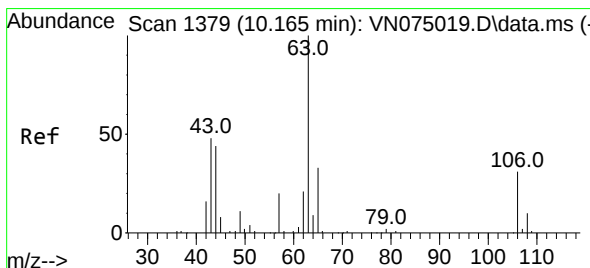
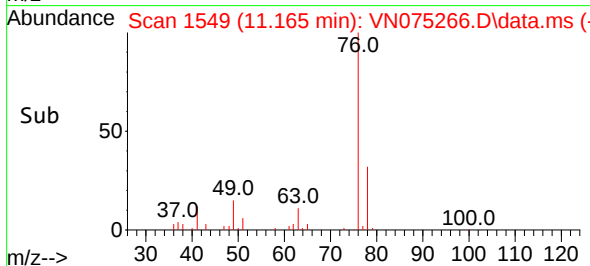
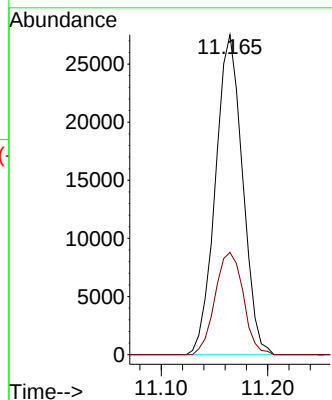
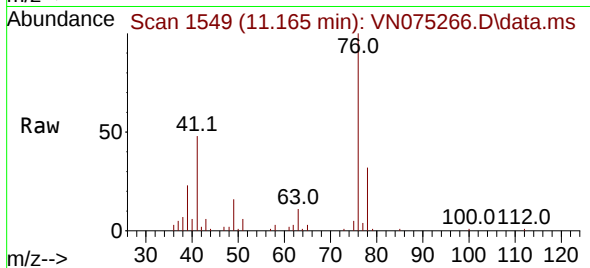
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.911 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075266.D

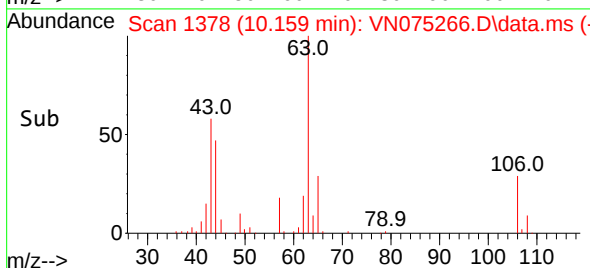
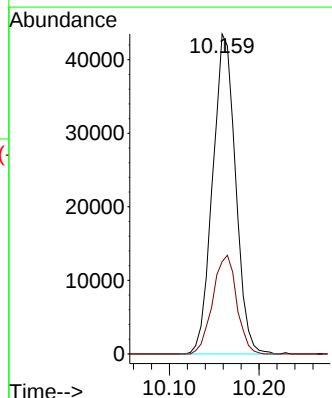
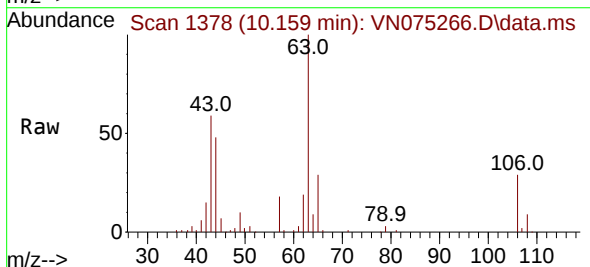
Acq: 14 Nov 2022 15:39

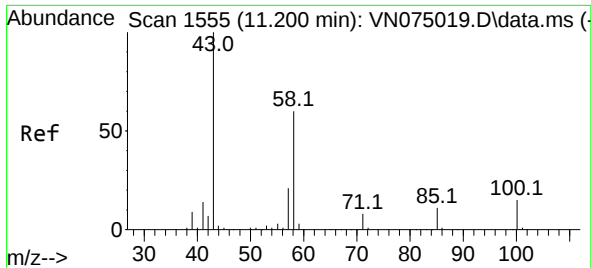
Tgt Ion: 63 Resp: 77034

Ion Ratio Lower Upper

63 100

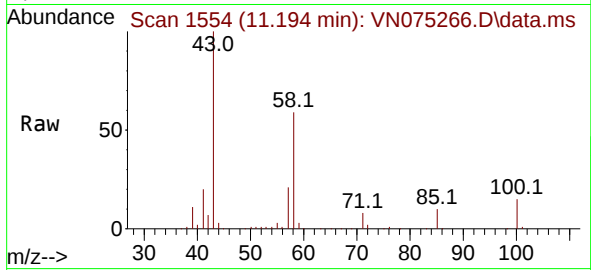
106 32.2 24.8 37.2





#59
2-Hexanone
Concen: 95.108 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

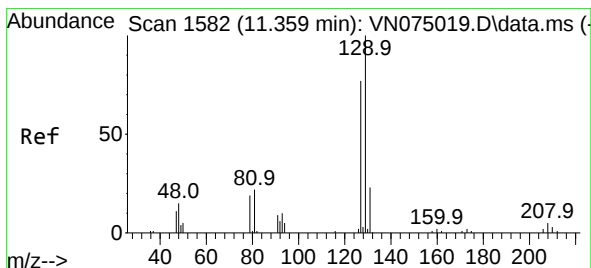
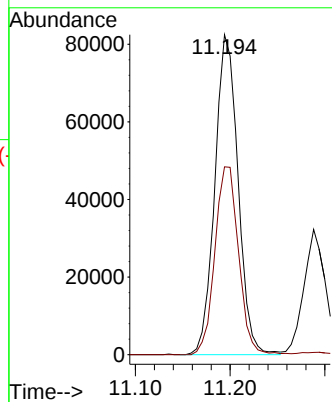
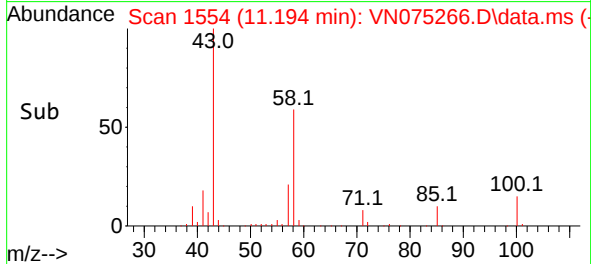
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 43 Resp: 14029
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

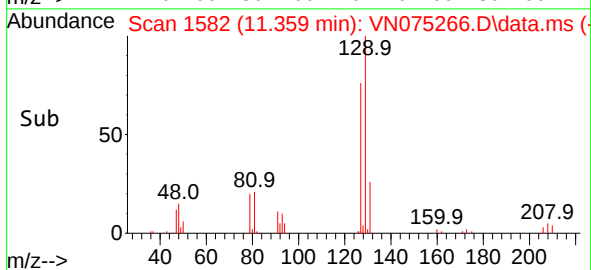
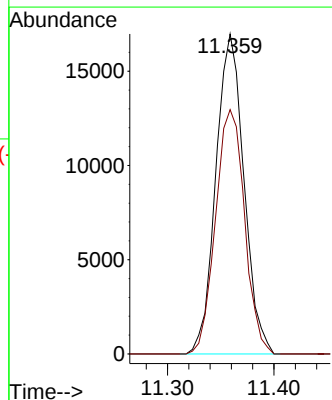
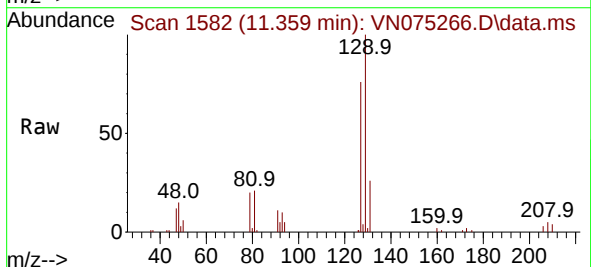
Manual Integrations
APPROVED

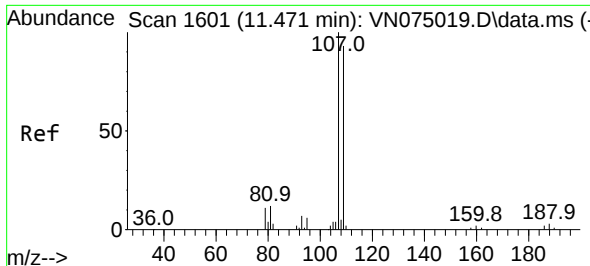
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#60
Dibromochloromethane
Concen: 20.484 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion:129 Resp: 31054
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.8





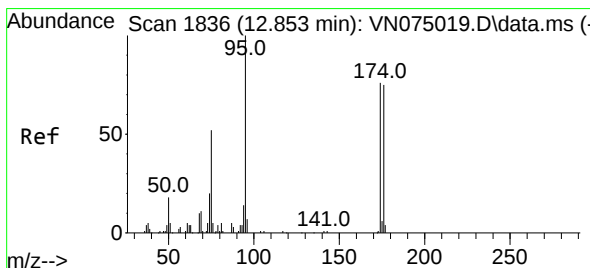
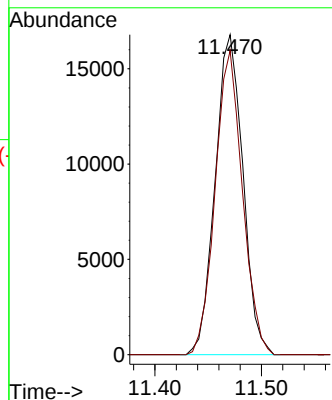
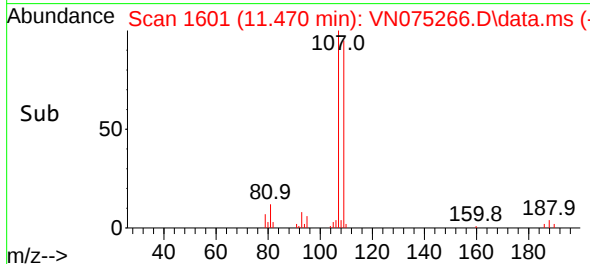
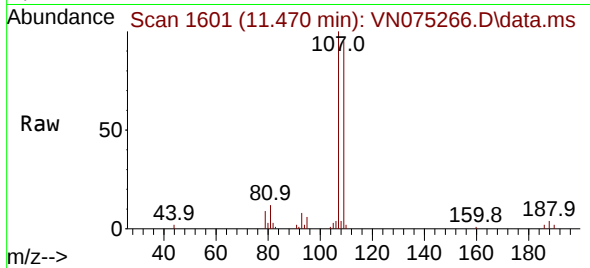
#61
1,2-Dibromoethane
Concen: 20.601 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:107 Resp: 3033
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

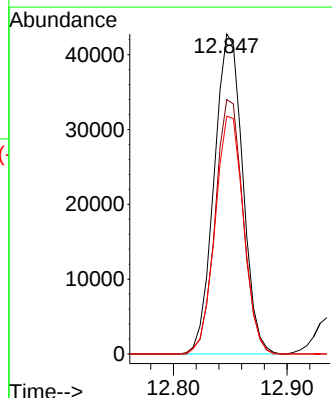
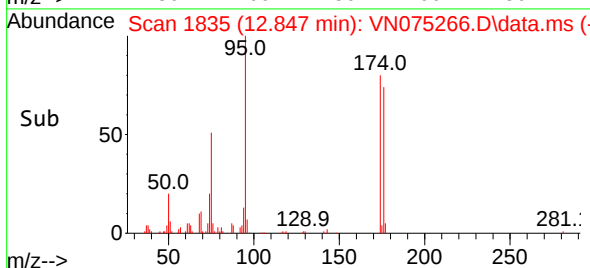
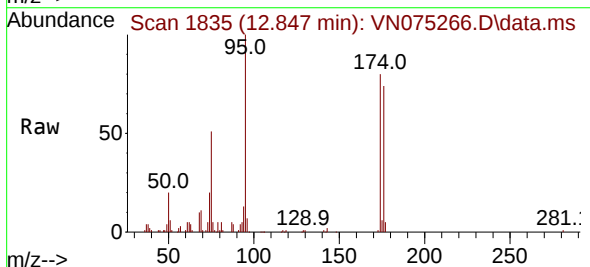
Manual Integrations
APPROVED

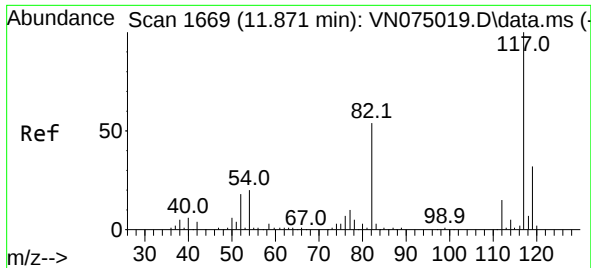
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#62
4-Bromofluorobenzene
Concen: 47.970 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion: 95 Resp: 74769
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.4
176 74.1 0.0 142.2





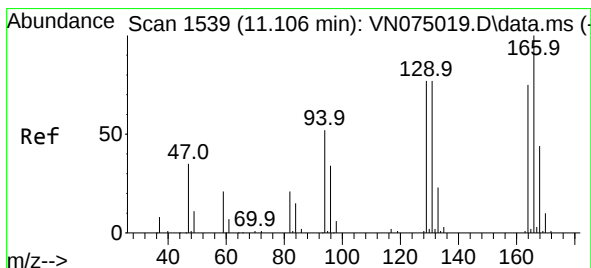
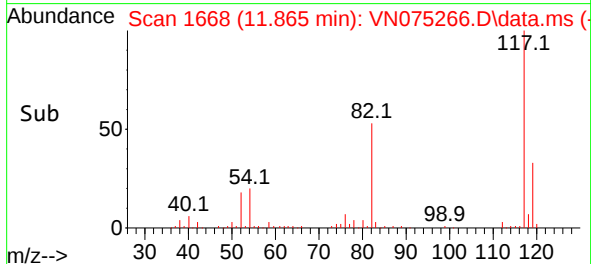
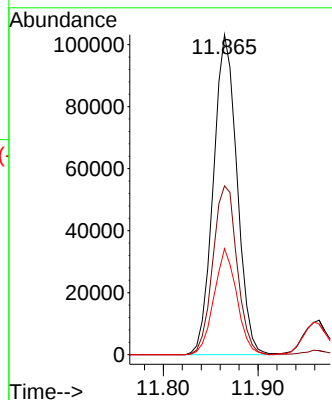
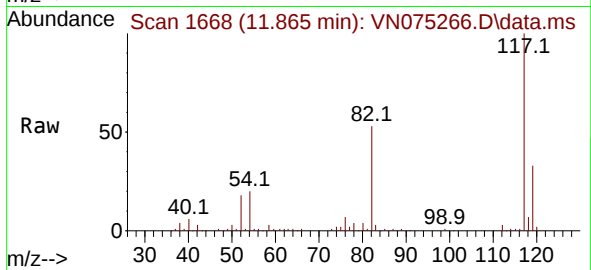
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:117 Resp: 17936
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 33.1 25.5 38.3

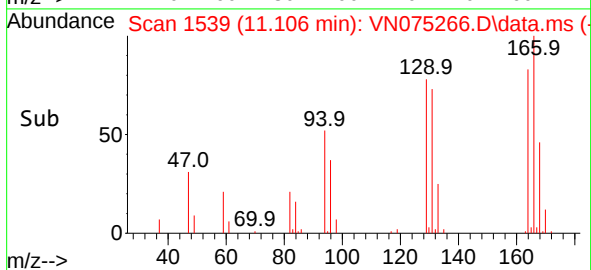
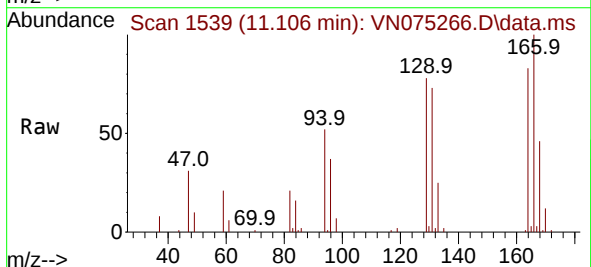
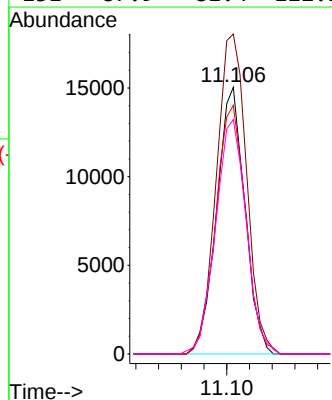
Manual Integrations
APPROVED

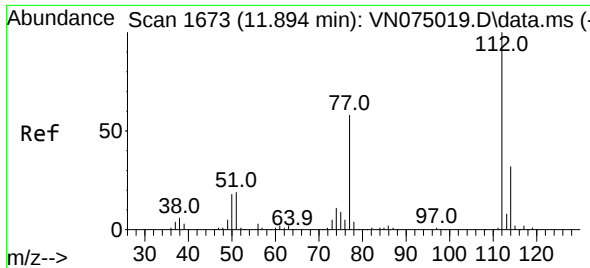
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#64
Tetrachloroethene
Concen: 23.611 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion:164 Resp: 25964
Ion Ratio Lower Upper
164 100
166 120.0 106.5 159.7
129 93.1 81.9 122.9
131 87.9 81.4 122.2





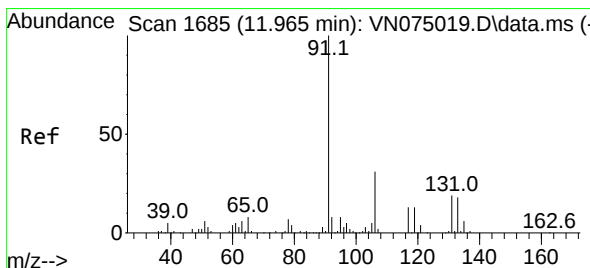
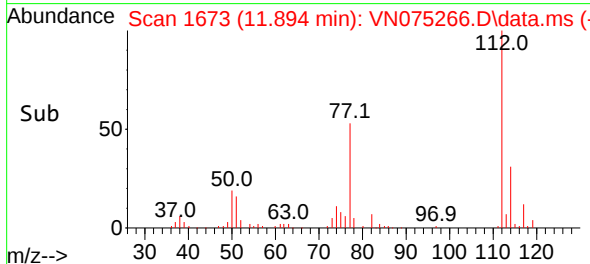
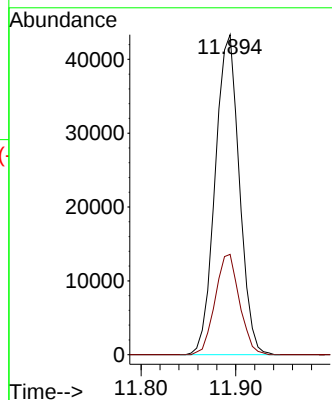
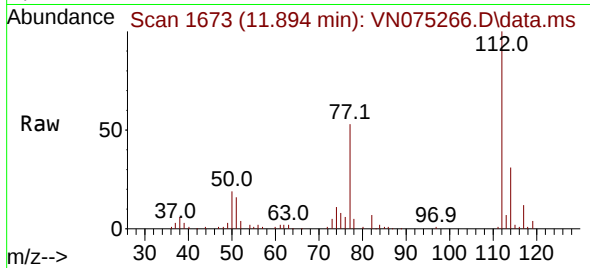
#65
Chlorobenzene
Concen: 20.065 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:112 Resp: 7682
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

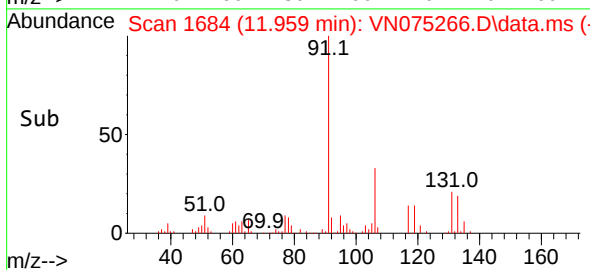
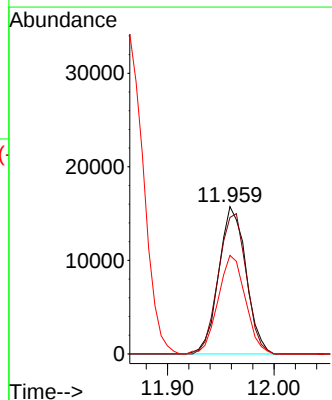
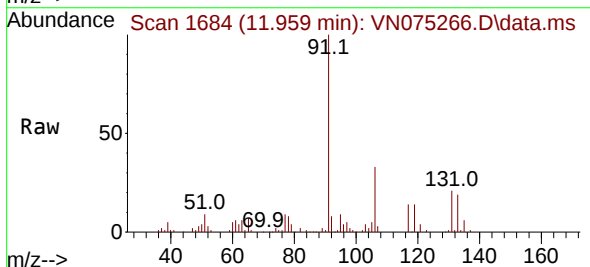
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.779 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

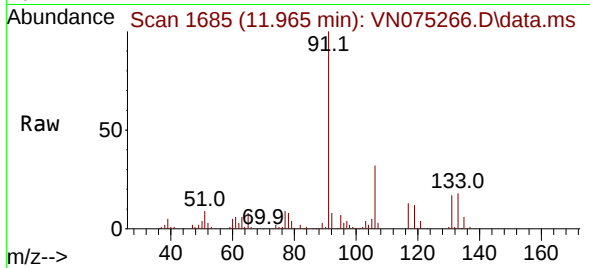
Tgt Ion:131 Resp: 28091
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.4
119 66.9 33.0 99.0





#67
Ethyl Benzene
Concen: 20.017 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

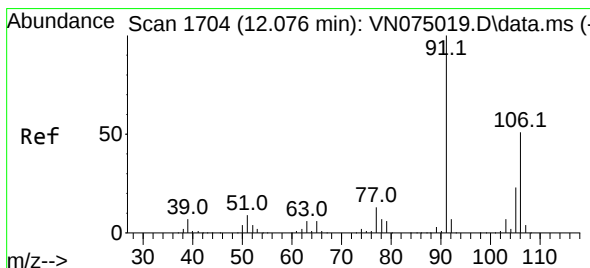
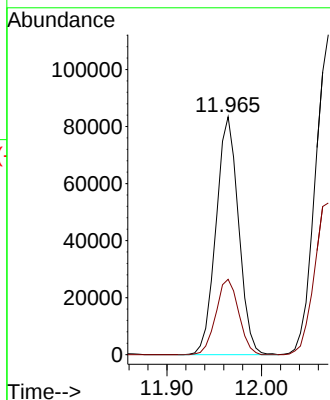
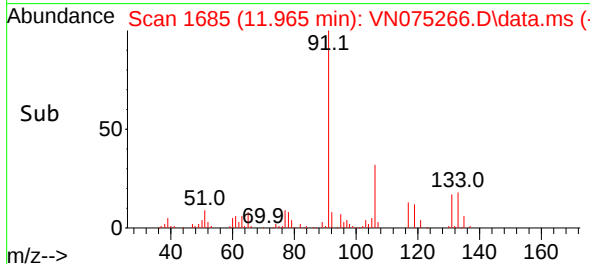
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



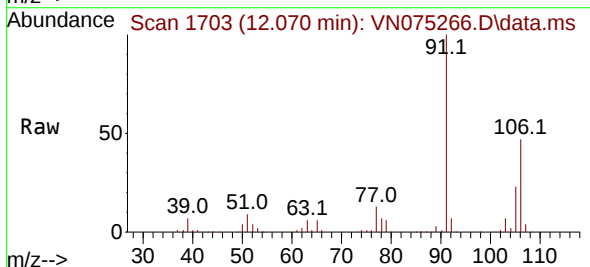
Tgt Ion: 91 Resp: 137880
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

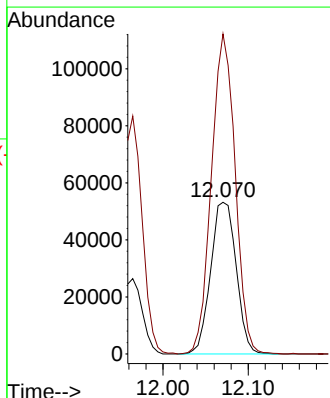
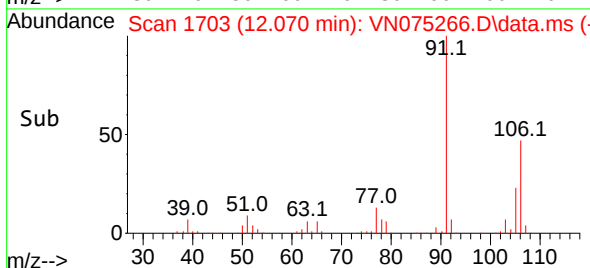
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

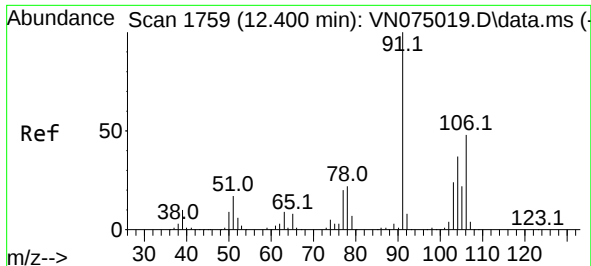


#68
m/p-Xylenes
Concen: 40.063 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion:106 Resp: 110730
Ion Ratio Lower Upper
106 100
91 196.6 156.0 234.0





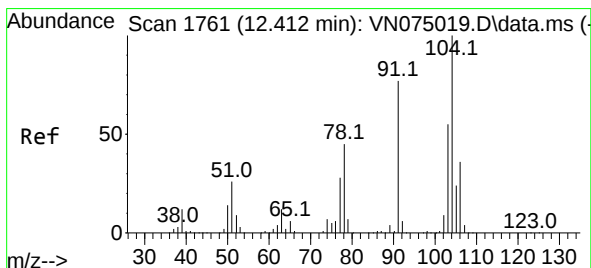
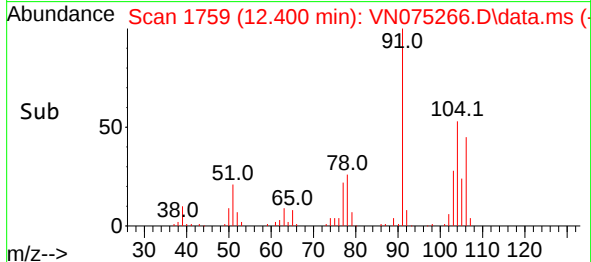
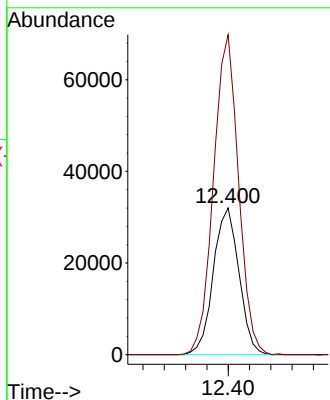
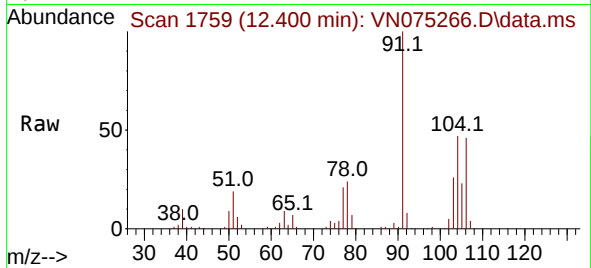
#69
o-Xylene
Concen: 19.546 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:106 Resp: 53420
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.5

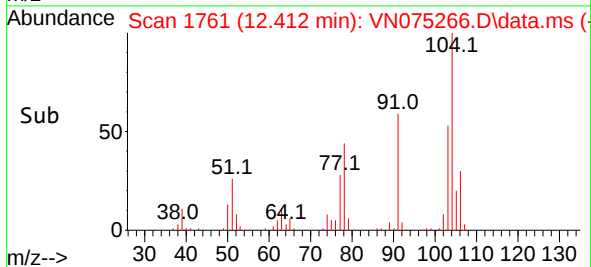
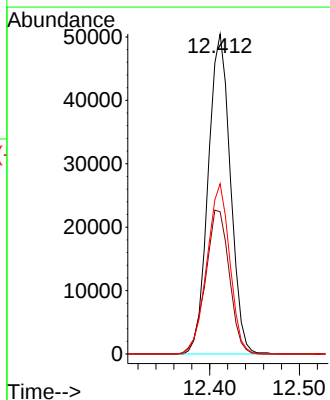
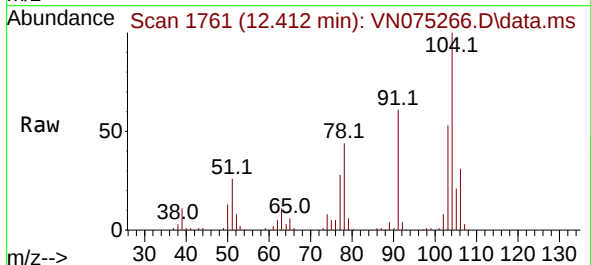
Manual Integrations
APPROVED

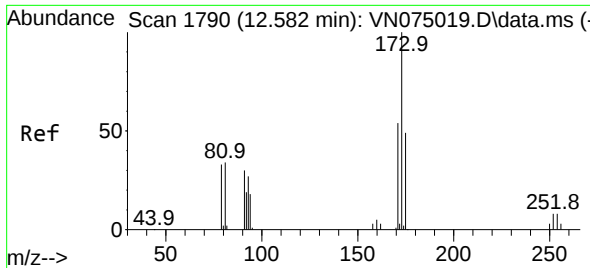
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#70
Styrene
Concen: 19.874 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

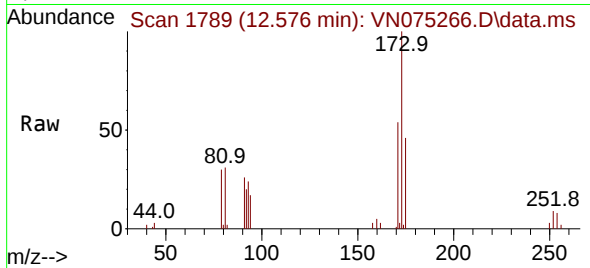
Tgt Ion:104 Resp: 86615
Ion Ratio Lower Upper
104 100
78 48.2 38.1 57.1
103 54.6 44.6 66.8





#71
Bromoform
Concen: 21.417 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

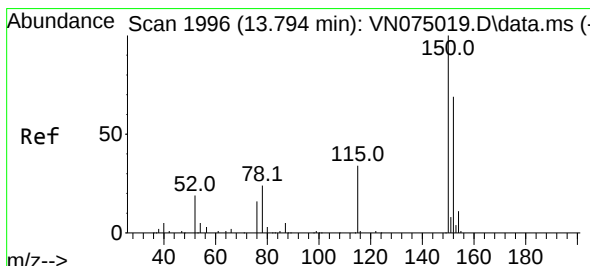
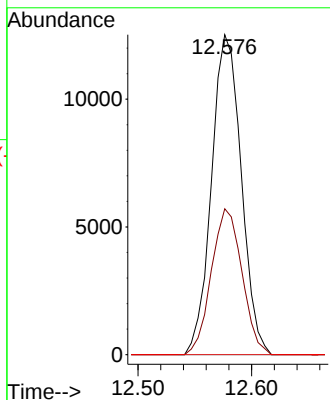
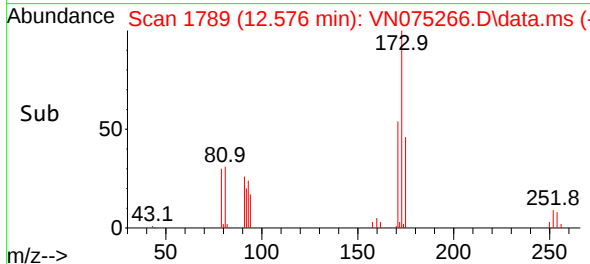
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



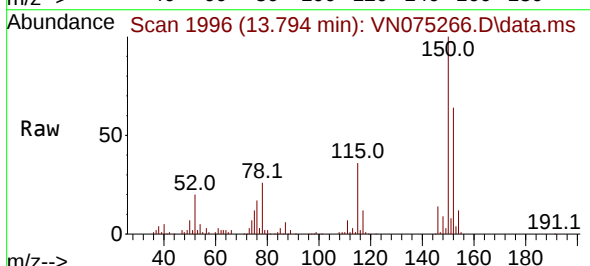
Tgt Ion:173 Resp: 22774
Ion Ratio Lower Upper
173 100
175 46.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

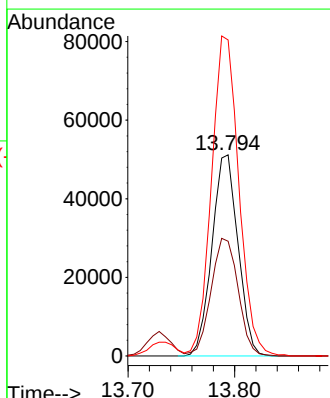
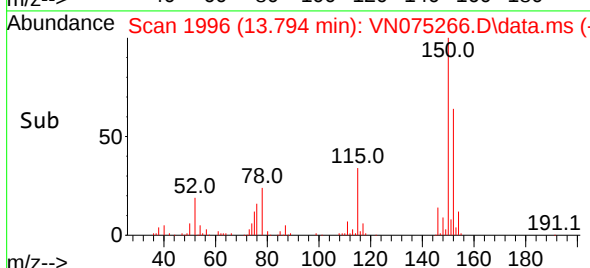
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

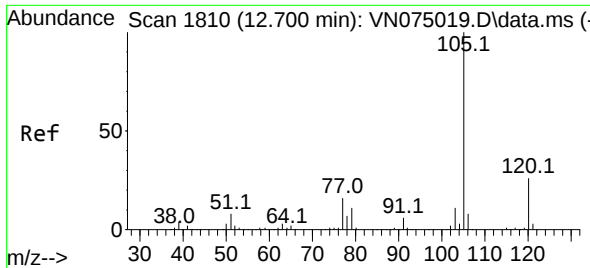


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion:152 Resp: 86817
Ion Ratio Lower Upper
152 100
115 61.0 30.2 90.6
150 167.1 0.0 348.4





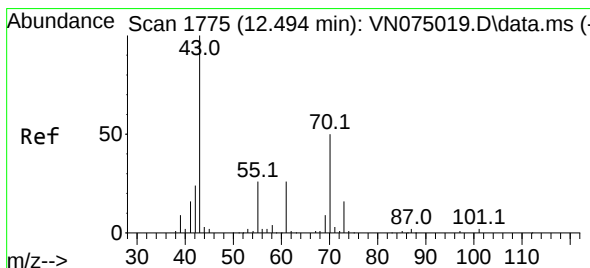
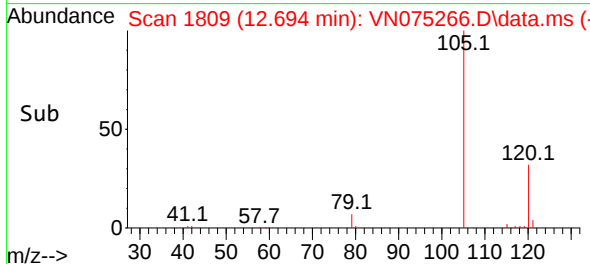
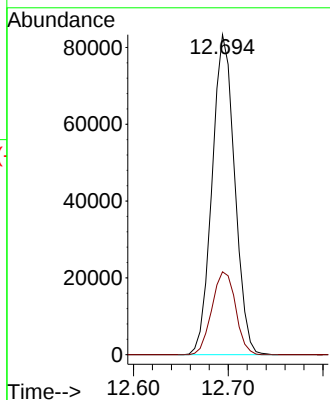
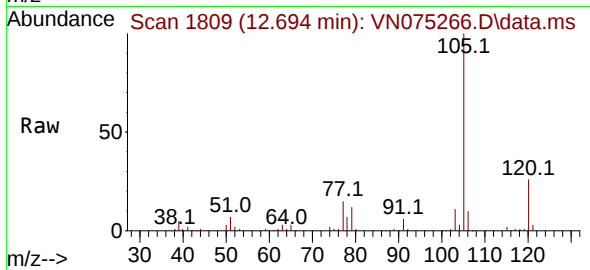
#73
Isopropylbenzene
Concen: 19.771 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:105 Resp: 137799
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

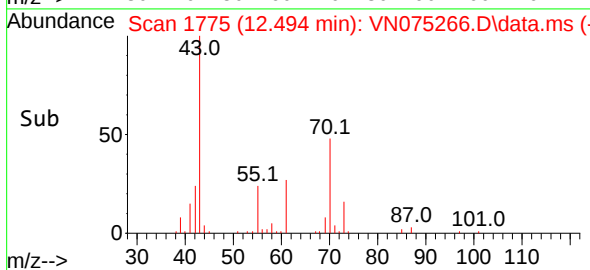
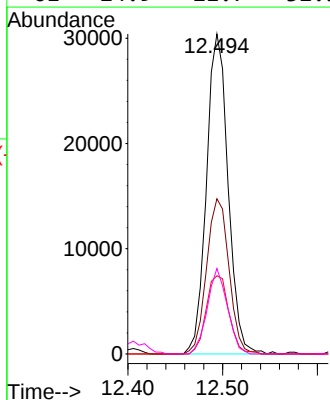
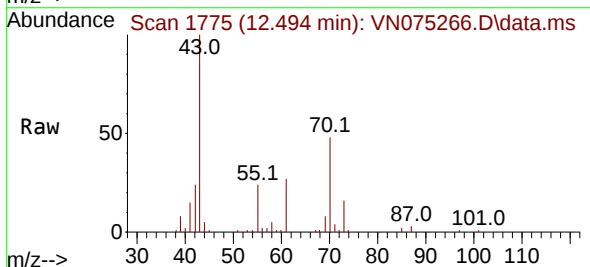
Manual Integrations
APPROVED

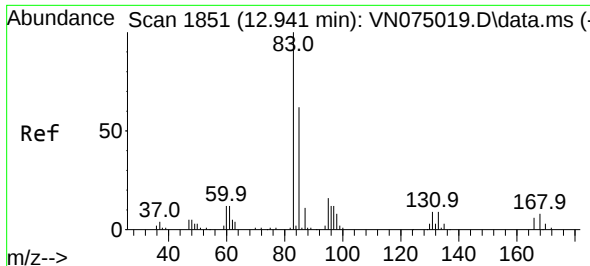
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#74
N-ethyl acetate
Concen: 18.697 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

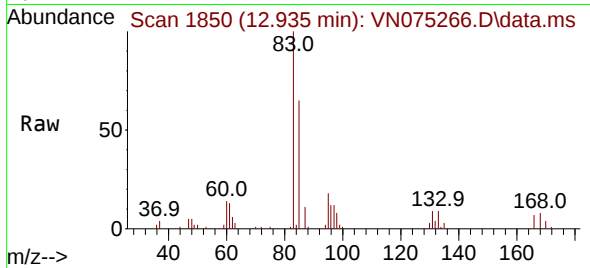
Tgt Ion: 43 Resp: 48197
Ion Ratio Lower Upper
43 100
70 50.2 39.8 59.8
55 25.8 19.9 29.9
61 24.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.091 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

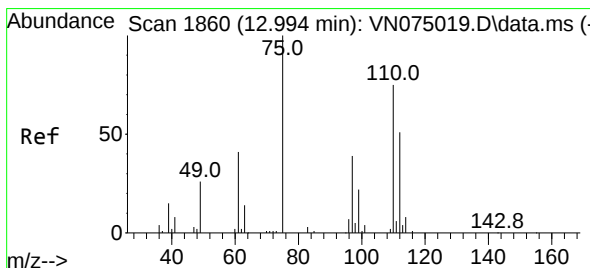
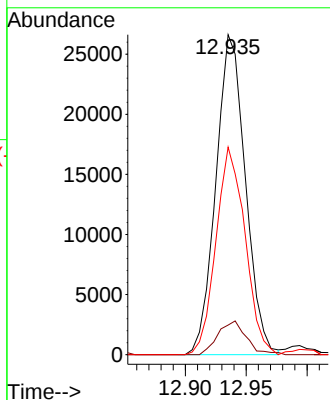
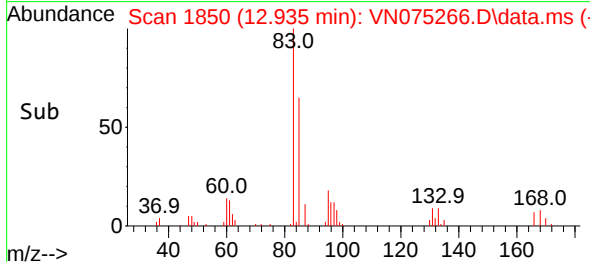
Instrument : MSVOA_N
ClientSampleId : VN1114WBSD01



Tgt Ion: 83 Resp: 4498
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.9 31.6 94.7

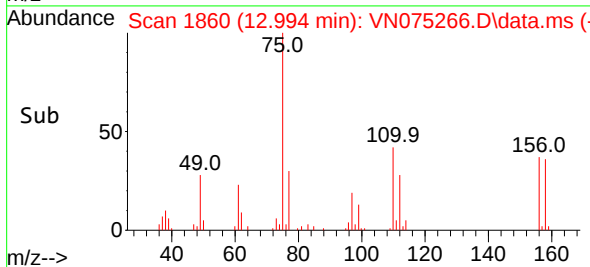
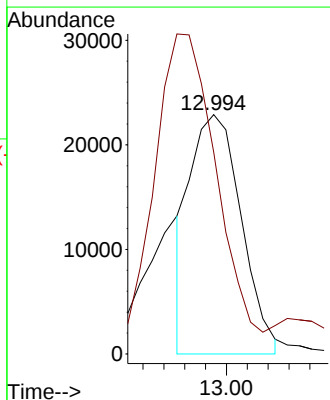
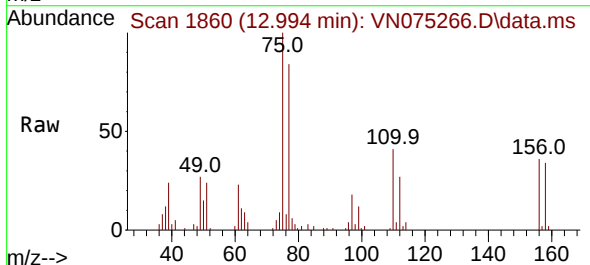
Manual Integrations
APPROVED

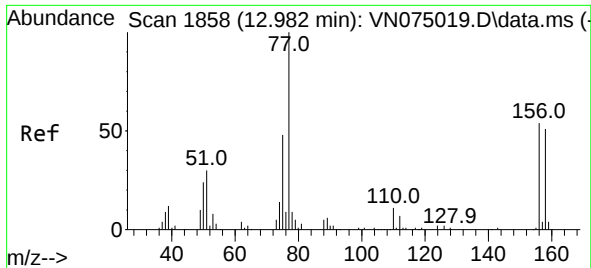
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#76
1,2,3-Trichloropropane
Concen: 21.070 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

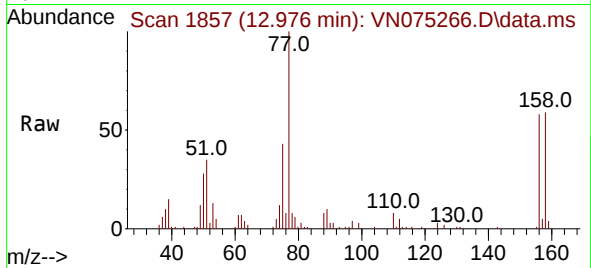
Tgt Ion: 75 Resp: 38840
Ion Ratio Lower Upper
75 100
77 166.3 75.6 226.8





#77
Bromobenzene
Concen: 20.498 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

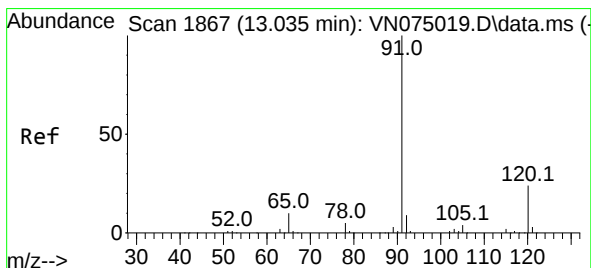
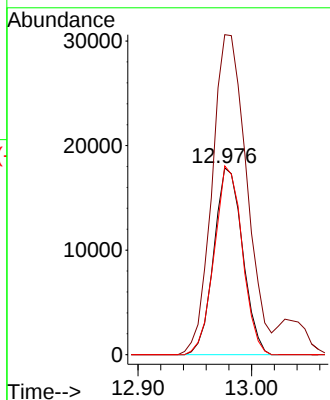
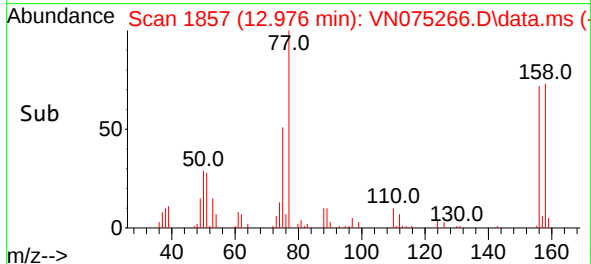
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



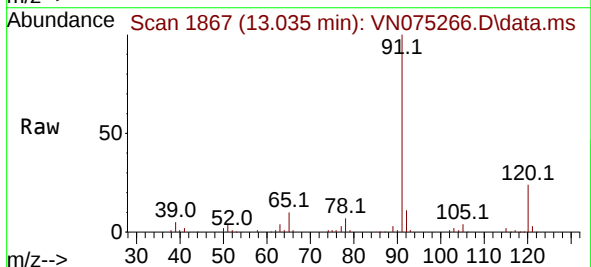
Tgt Ion:156 Resp: 31458
Ion Ratio Lower Upper
156 100
77 205.3 108.5 325.5
158 98.3 47.7 143.1

Manual Integrations
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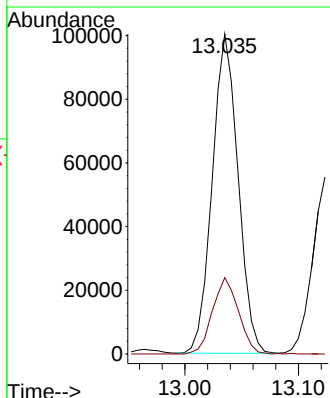
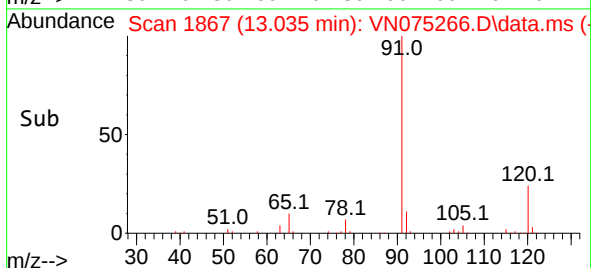
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

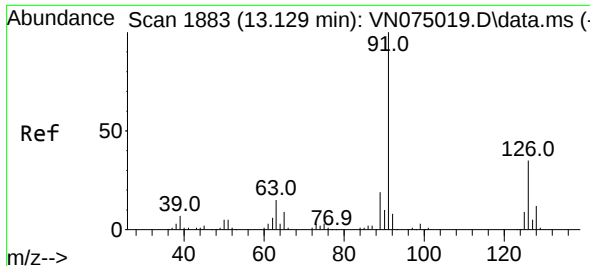


#78
n-propylbenzene
Concen: 20.221 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 91 Resp: 158233
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





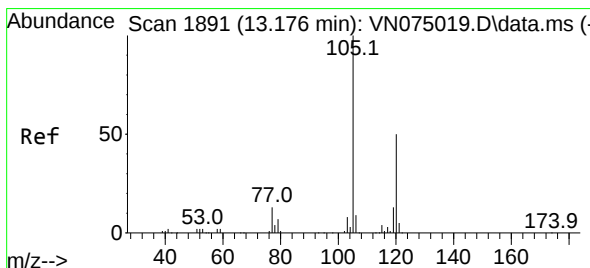
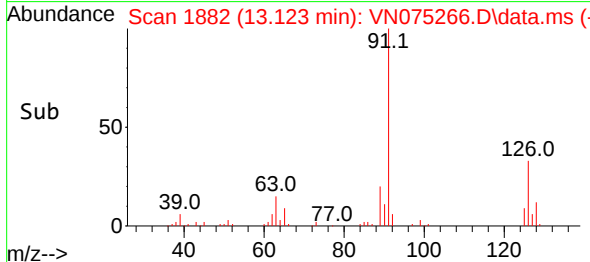
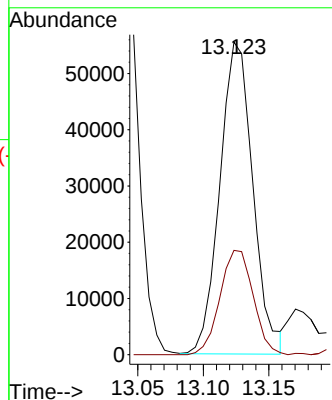
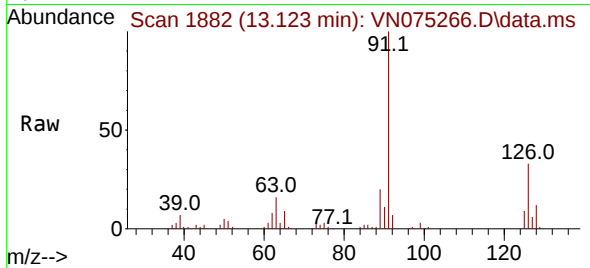
#79
2-Chlorotoluene
Concen: 20.333 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 91 Resp: 97220
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7

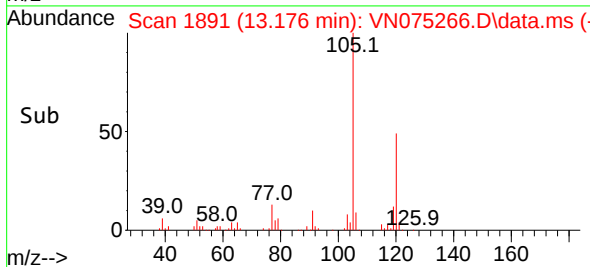
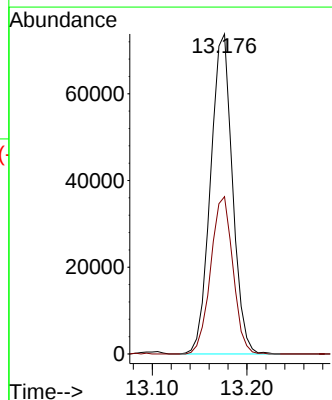
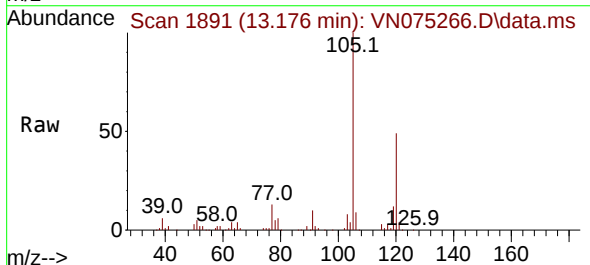
Manual Integrations
APPROVED

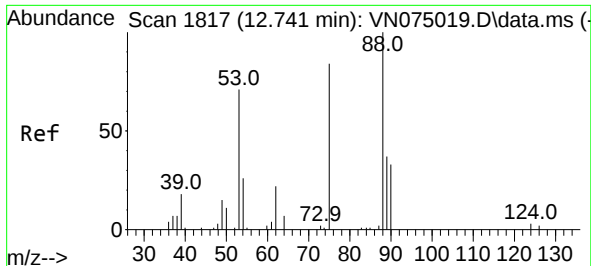
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.252 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

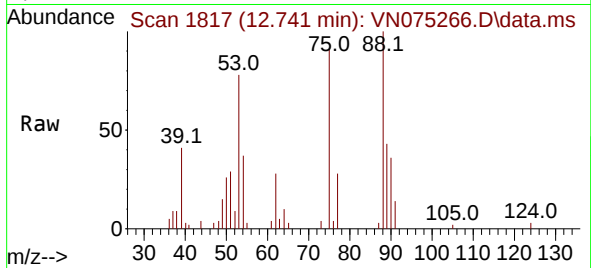
Tgt Ion:105 Resp: 118557
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.857 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

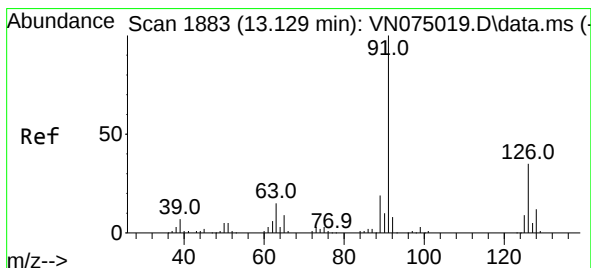
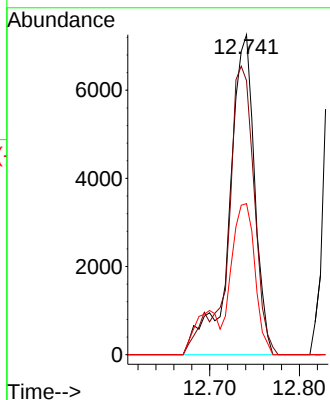
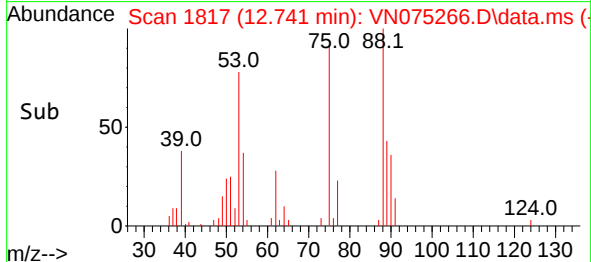
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



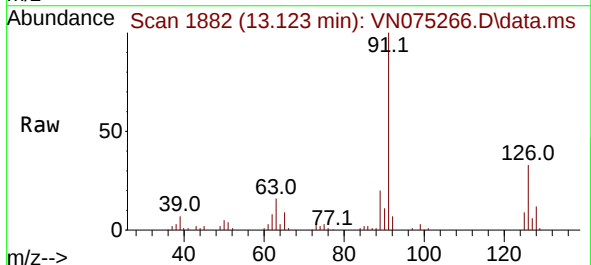
Tgt Ion: 75 Resp: 14259
Ion Ratio Lower Upper
75 100
53 94.0 78.5 117.7
89 43.4 37.7 56.5

Manual Integrations
APPROVED

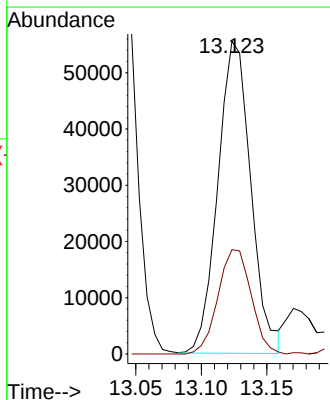
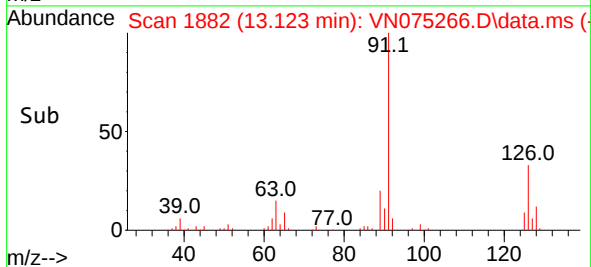
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

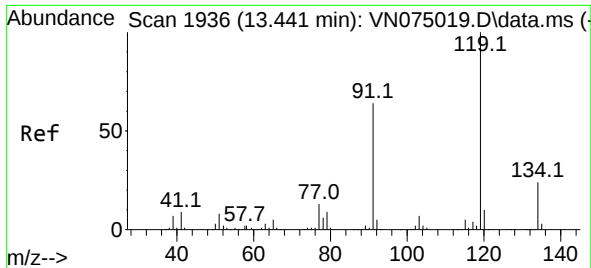


#82
4-Chlorotoluene
Concen: 20.333 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 91 Resp: 97226
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7





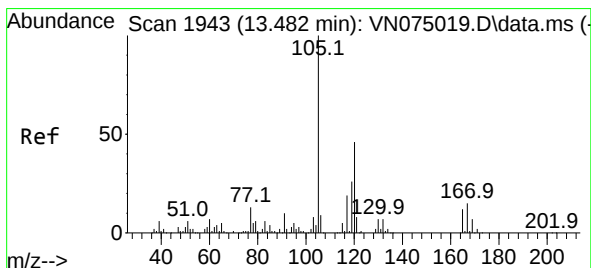
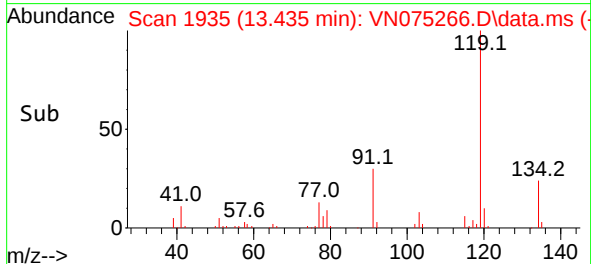
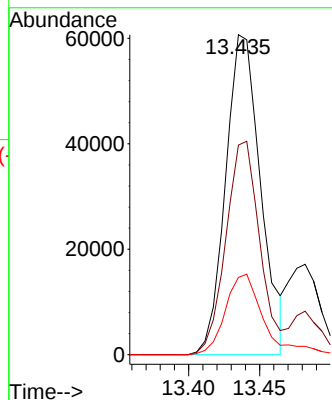
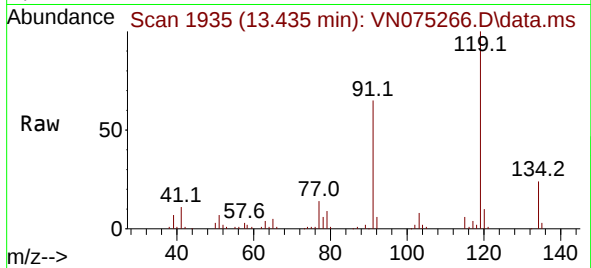
#83
tert-Butylbenzene
Concen: 20.084 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:119 Resp: 10447
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.4
134 27.3 12.3 36.9

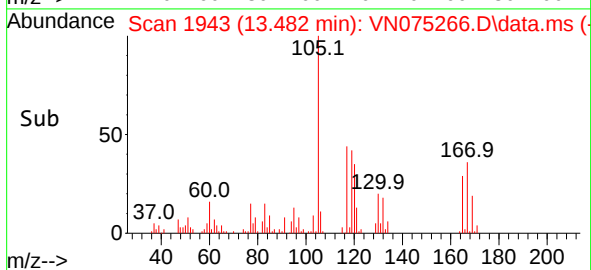
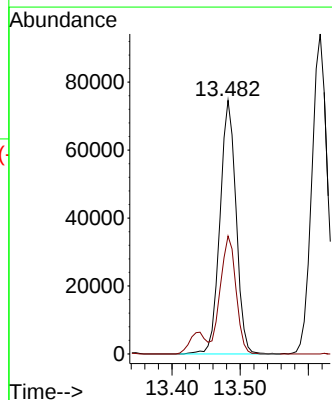
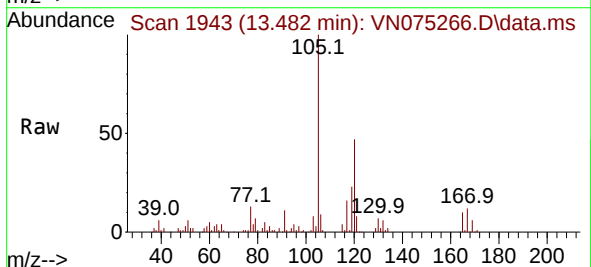
Manual Integrations
APPROVED

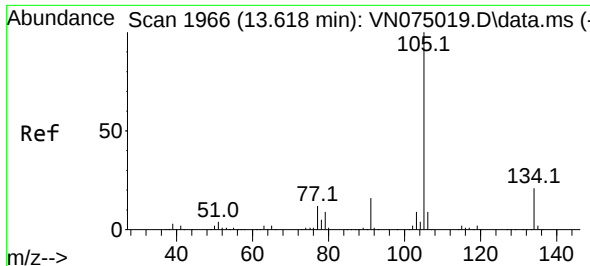
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.704 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

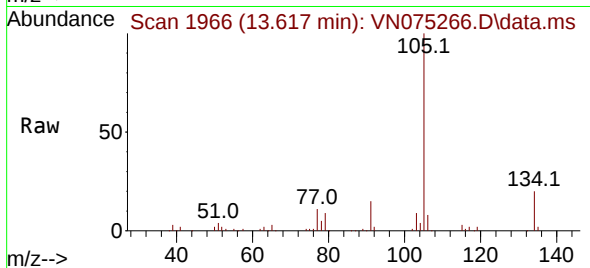
Tgt Ion:105 Resp: 122633
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.602 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075266.D
 Acq: 14 Nov 2022 15:39

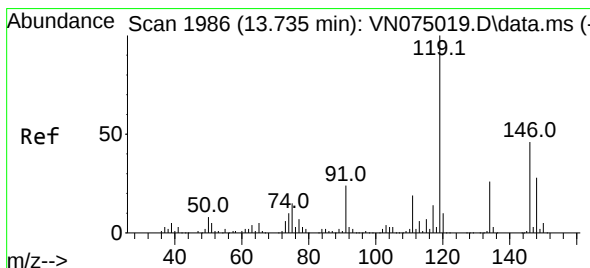
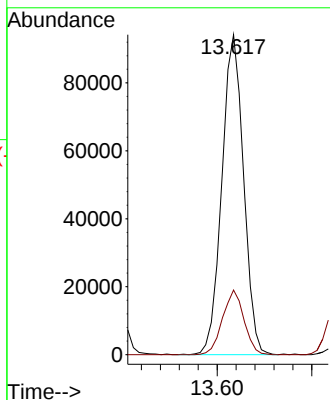
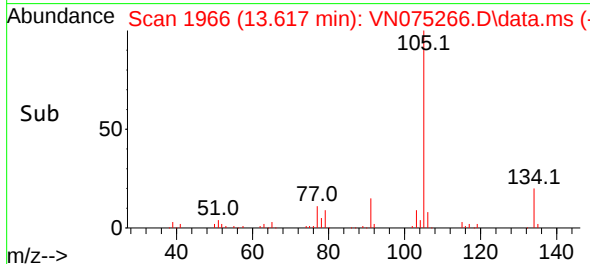
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



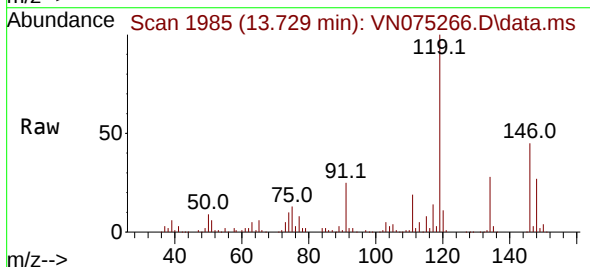
Tgt Ion:105 Resp: 14991
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

Manual Integrations
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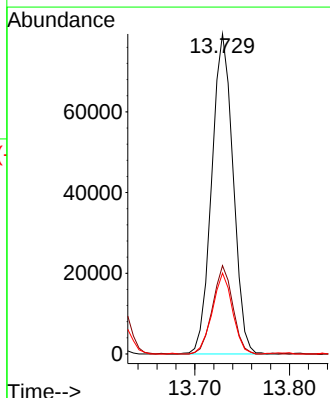
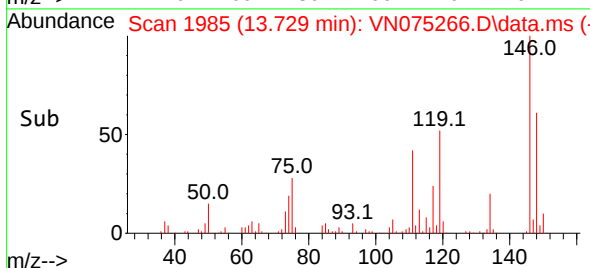
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

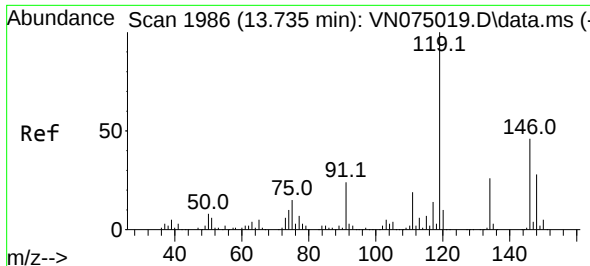


#86
 p-Isopropyltoluene
 Concen: 20.657 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075266.D
 Acq: 14 Nov 2022 15:39



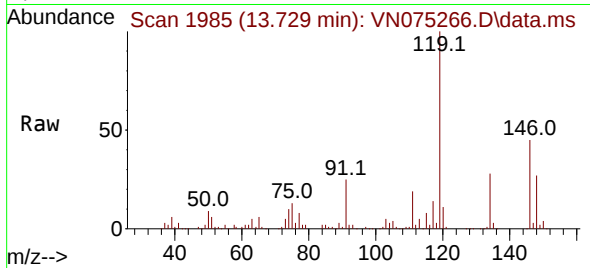
Tgt Ion:119 Resp: 124139
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.9 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 20.809 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

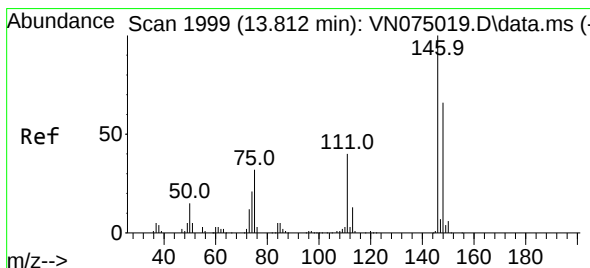
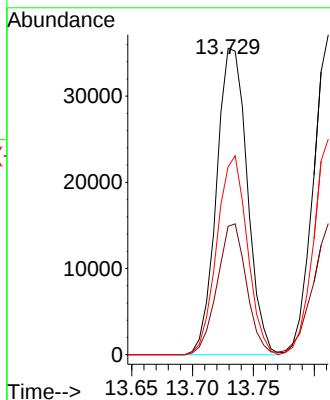
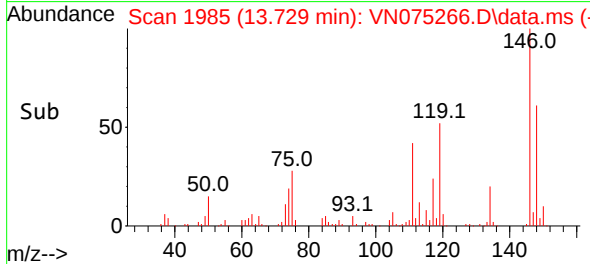
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:146 Resp: 6252
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.5
148 64.0 31.1 93.5

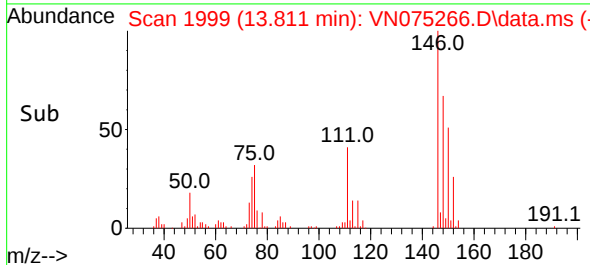
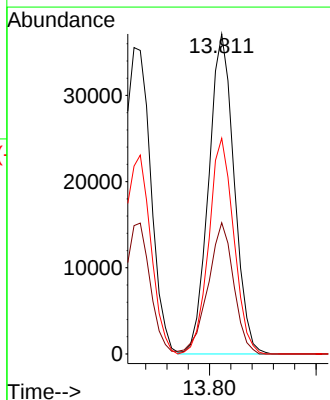
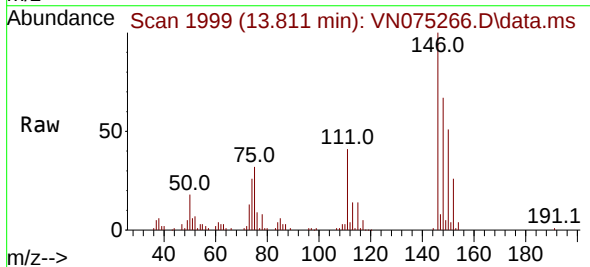
Manual Integrations
APPROVED

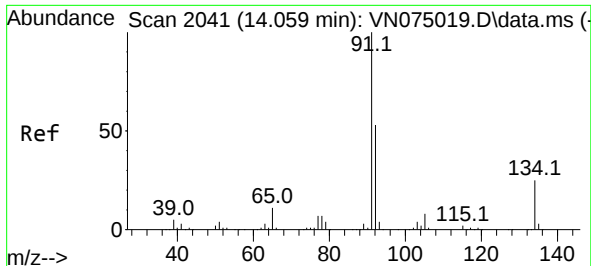
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#88
1,4-Dichlorobenzene
Concen: 20.795 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.001 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

Tgt Ion:146 Resp: 61839
Ion Ratio Lower Upper
146 100
111 41.1 20.1 60.3
148 65.9 31.9 95.7





#89

n-Butylbenzene

Concen: 21.033 ug/l

RT: 14.053 min Scan# 2041

Delta R.T. -0.006 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 91 Resp: 101790

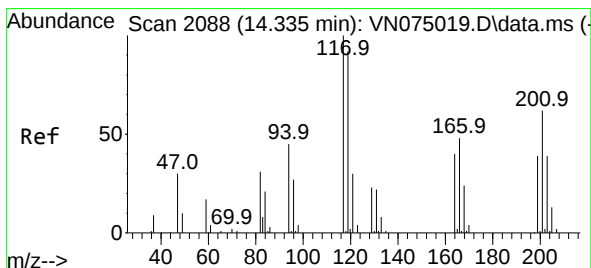
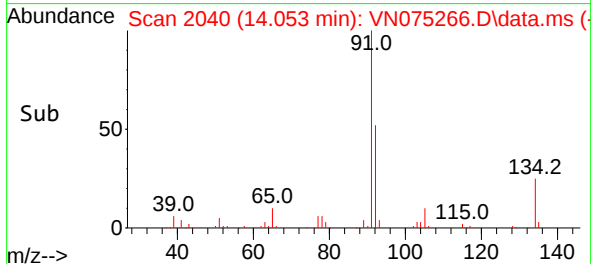
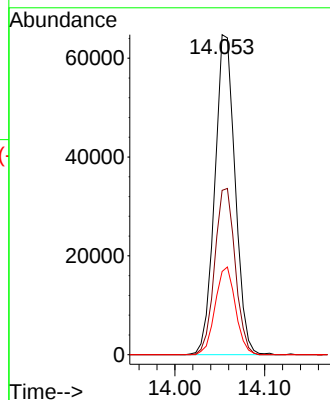
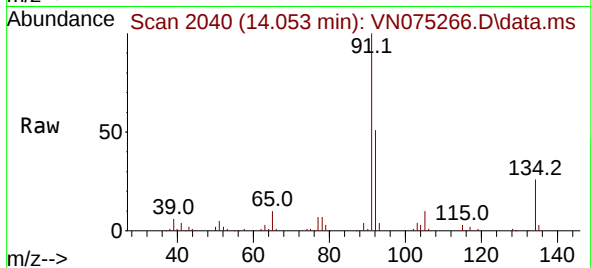
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.4
134	27.3	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#90

Hexachloroethane

Concen: 18.403 ug/l

RT: 14.335 min Scan# 2088

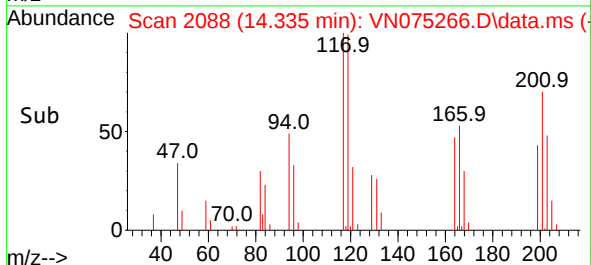
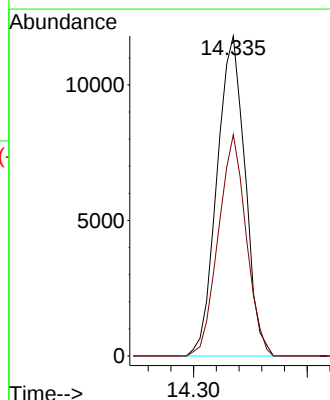
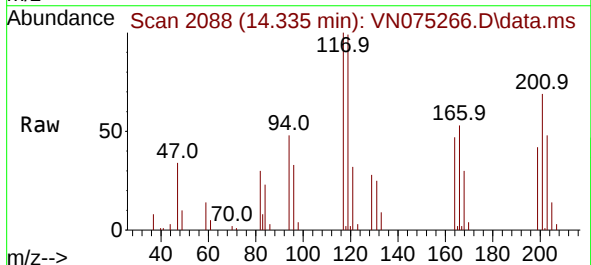
Delta R.T. -0.000 min

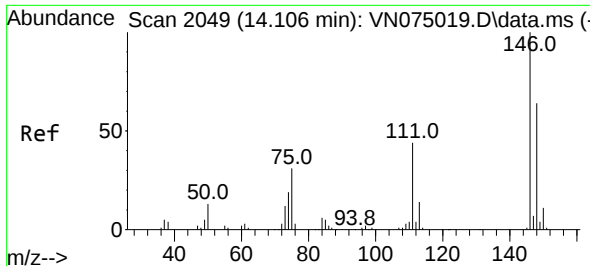
Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Tgt Ion:117 Resp: 20278

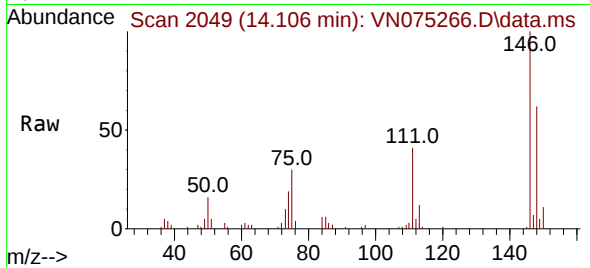
Ion	Ratio	Lower	Upper
117	100		
201	68.5	31.5	94.5





#91
1,2-Dichlorobenzene
Concen: 20.939 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

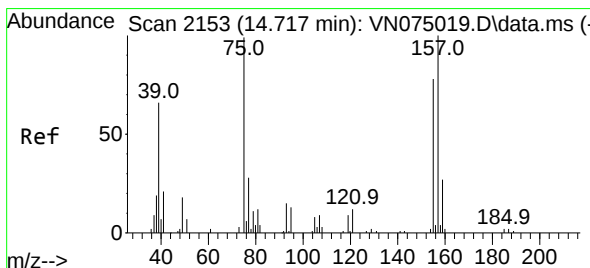
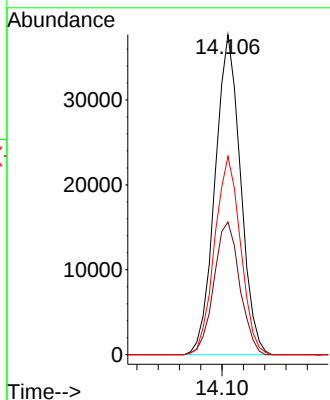
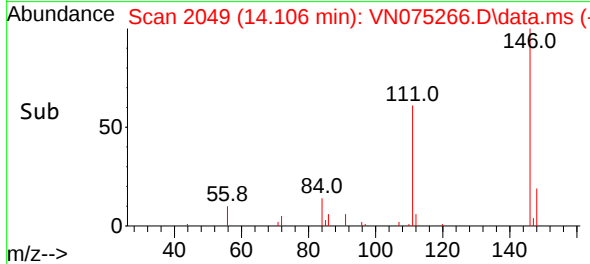
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



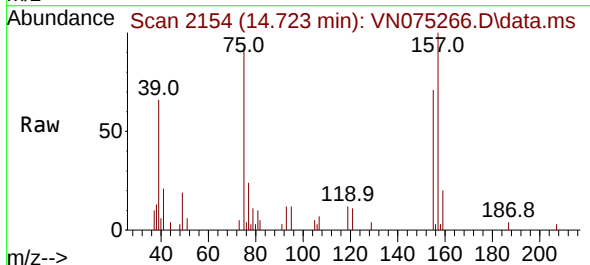
Tgt Ion:146 Resp: 62550
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.9
148 62.9 31.4 94.2

Manual Integrations
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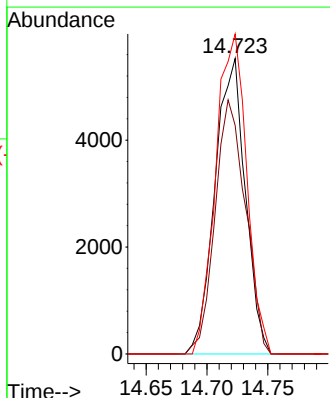
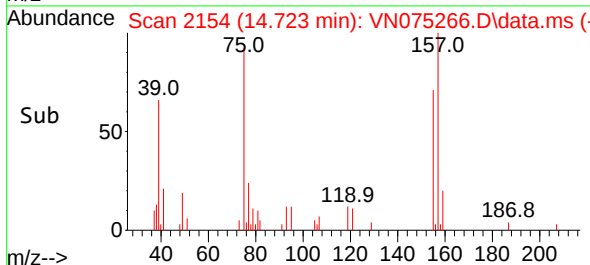
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

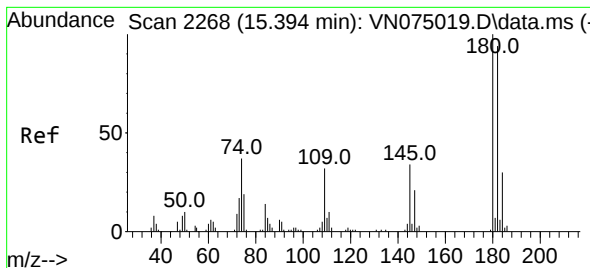


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.390 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion: 75 Resp: 9586
Ion Ratio Lower Upper
75 100
155 86.3 42.1 126.3
157 110.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 23.267 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

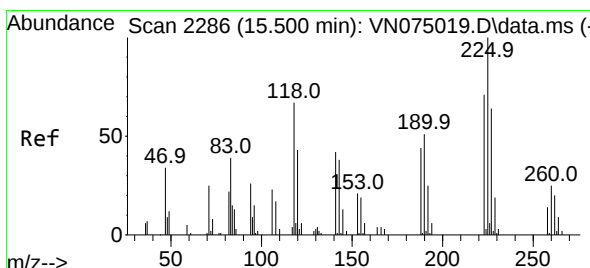
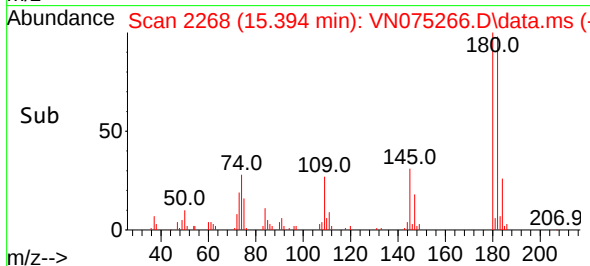
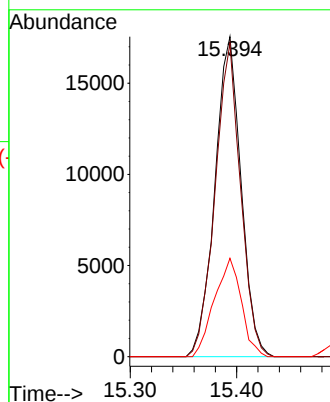
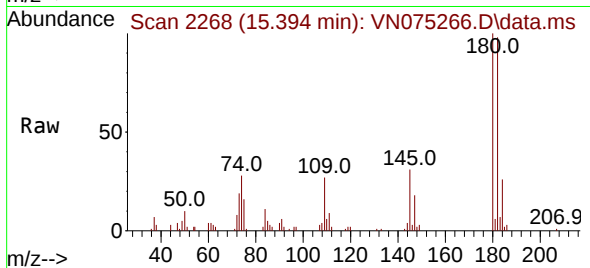
Tgt Ion:	180	Resp:	2990
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.8	143.4
145	31.7	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#94

Hexachlorobutadiene

Concen: 23.049 ug/l

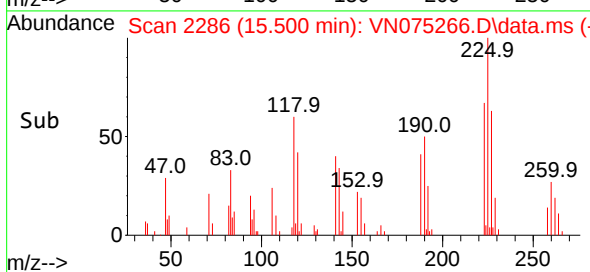
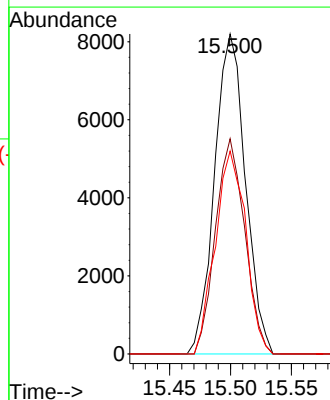
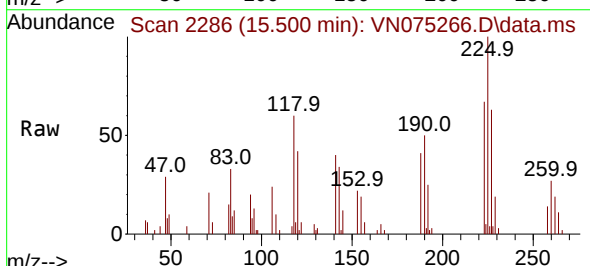
RT: 15.500 min Scan# 2286

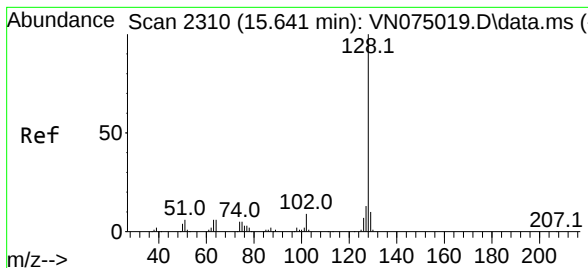
Delta R.T. -0.000 min

Lab File: VN075266.D

Acq: 14 Nov 2022 15:39

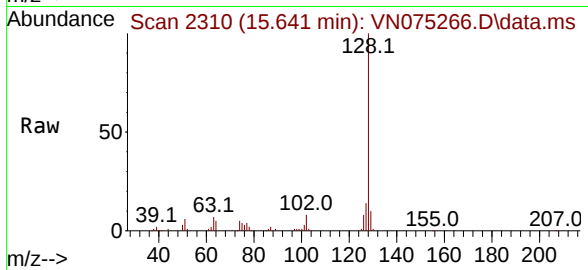
Tgt Ion:	225	Resp:	14444
Ion Ratio	Lower	Upper	
225	100		
223	64.0	32.3	96.9
227	62.6	32.0	96.2





#95
Naphthalene
Concen: 21.756 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39

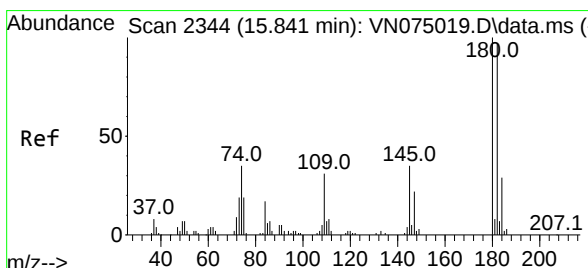
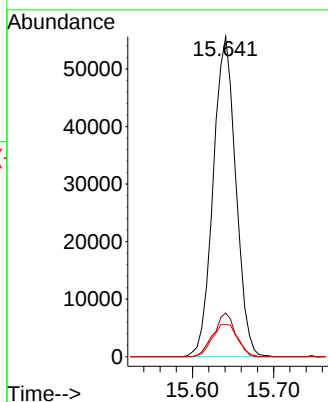
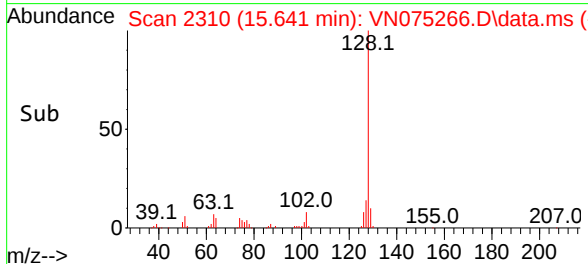
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



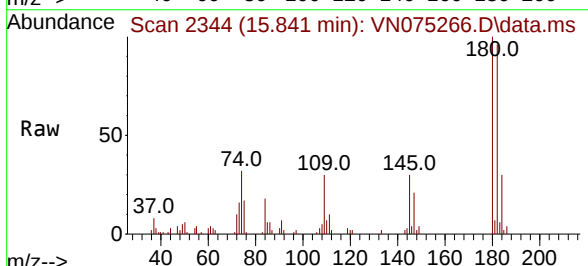
Tgt Ion:128 Resp: 107549
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.3 8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 22.273 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075266.D
Acq: 14 Nov 2022 15:39



Tgt Ion:180 Resp: 28448
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.8
145 34.6 17.6 52.9

