

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075841.D
 Acq On : 16 Dec 2022 12:37
 Operator : JC\MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Quant Time: Dec 17 08:37:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	294387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	485592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181819	56.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.540%	
35) Dibromofluoromethane	8.171	113	159724	53.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.220%	
50) Toluene-d8	10.571	98	584512	51.986	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.853	95	203524	54.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	36939	17.672	ug/l	97
3) Chloromethane	2.377	50	46603	17.930	ug/l	94
4) Vinyl Chloride	2.530	62	54908	17.710	ug/l	95
5) Bromomethane	2.959	94	48489	18.402	ug/l	94
6) Chloroethane	3.130	64	42743	18.616	ug/l	99
7) Trichlorofluoromethane	3.512	101	82993	17.641	ug/l	100
8) Diethyl Ether	3.971	74	36654	21.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	47904	17.832	ug/l	98
10) Methyl Iodide	4.601	142	79690	18.279	ug/l	100
11) Tert butyl alcohol	5.536	59	42885	94.633	ug/l	99
12) 1,1-Dichloroethene	4.359	96	45848	17.572	ug/l	99
13) Acrolein	4.195	56	77300	139.135	ug/l	98
14) Allyl chloride	5.042	41	63198	20.720	ug/l	98
15) Acrylonitrile	5.736	53	135627	109.670	ug/l	98
16) Acetone	4.442	43	105577	95.630	ug/l	97
17) Carbon Disulfide	4.724	76	99481	15.748	ug/l	97
18) Methyl Acetate	5.036	43	70202	21.512	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	187867	21.865	ug/l	99
20) Methylene Chloride	5.289	84	60747	20.187	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	51910	18.167	ug/l	95
22) Diisopropyl ether	6.683	45	157972	21.321	ug/l #	98
23) Vinyl Acetate	6.618	43	553847	111.057	ug/l	99
24) 1,1-Dichloroethane	6.577	63	93913	19.005	ug/l	99
25) 2-Butanone	7.494	43	165410	107.004	ug/l	94
26) 2,2-Dichloropropane	7.500	77	76623	18.310	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	66463	19.448	ug/l	98
28) Bromochloromethane	7.824	49	43620	20.140	ug/l #	99
29) Tetrahydrofuran	7.847	42	109347	112.877	ug/l	99
30) Chloroform	7.977	83	107680	19.354	ug/l	98
31) Cyclohexane	8.259	56	84337	18.387	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	91544	18.560	ug/l	96
36) 1,1-Dichloropropene	8.377	75	73302	18.350	ug/l	99
37) Ethyl Acetate	7.571	43	69256	21.583	ug/l	97
38) Carbon Tetrachloride	8.371	117	78884	17.643	ug/l	98
39) Methylcyclohexane	9.606	83	93958	19.496	ug/l	96
40) Benzene	8.612	78	232922	18.898	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39429	23.640	ug/l	95
42) 1,2-Dichloroethane	8.677	62	84261	20.563	ug/l	99
43) Isopropyl Acetate	8.694	43	120274	22.723	ug/l	98
44) Trichloroethene	9.353	130	61915	17.831	ug/l	96
45) 1,2-Dichloropropane	9.624	63	59759	19.924	ug/l	97
46) Dibromomethane	9.712	93	46201	20.768	ug/l	98
47) Bromodichloromethane	9.894	83	84448	19.358	ug/l	98
48) Methyl methacrylate	9.683	41	54904	23.030	ug/l	98
49) 1,4-Dioxane	9.700	88	23052	393.322	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	361880	113.050	ug/l	100
52) Toluene	10.635	92	156475	19.493	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	86822	20.331	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	95864	20.446	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	67484	21.419	ug/l	96
56) Ethyl methacrylate	10.877	69	98258	23.479	ug/l	100
57) 1,3-Dichloropropane	11.165	76	108725	21.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	175221	131.506	ug/l	99
59) 2-Hexanone	11.200	43	261873	112.179	ug/l	100
60) Dibromochloromethane	11.365	129	68844	19.648	ug/l	97
61) 1,2-Dibromoethane	11.471	107	67127	21.053	ug/l	97
64) Tetrachloroethene	11.106	164	55821	17.566	ug/l	96
65) Chlorobenzene	11.894	112	169161	18.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	64932	18.913	ug/l	98
67) Ethyl Benzene	11.965	91	295081	18.863	ug/l	100
68) m/p-Xylenes	12.077	106	232222	37.506	ug/l	99
69) o-Xylene	12.400	106	122235	19.949	ug/l	99
70) Styrene	12.418	104	194187	19.932	ug/l	99
71) Bromoform	12.582	173	51366	20.562	ug/l #	98
73) Isopropylbenzene	12.700	105	303459	20.040	ug/l	100
74) N-amyl acetate	12.500	43	102578	23.091	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	98080	20.952	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	112683	26.677	ug/l	71
77) Bromobenzene	12.982	156	73248	19.114	ug/l	97
78) n-propylbenzene	13.041	91	346471	20.745	ug/l	93
79) 2-Chlorotoluene	13.129	91	204246	19.591	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	259411	20.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24616	20.977	ug/l	91
82) 4-Chlorotoluene	13.129	91	204246	19.591	ug/l	99
83) tert-Butylbenzene	13.441	119	227183	20.331	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	257014	20.442	ug/l	97
85) sec-Butylbenzene	13.618	105	334210	21.670	ug/l	100
86) p-Isopropyltoluene	13.735	119	281992	21.974	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	133204	18.817	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	133142	18.411	ug/l	97
89) n-Butylbenzene	14.059	91	216565	20.831	ug/l	98
90) Hexachloroethane	14.335	117	40465	17.627	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	136707	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16922	20.372	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	67003	19.410	ug/l	98
94) Hexachlorobutadiene	15.506	225	34232	18.176	ug/l	99
95) Naphthalene	15.647	128	230750	21.530	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	65650	20.348	ug/l	91

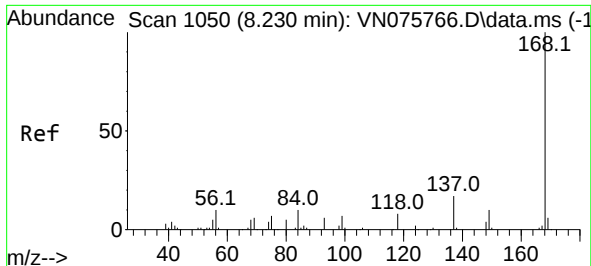
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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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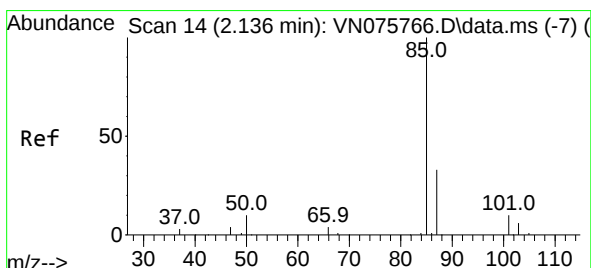
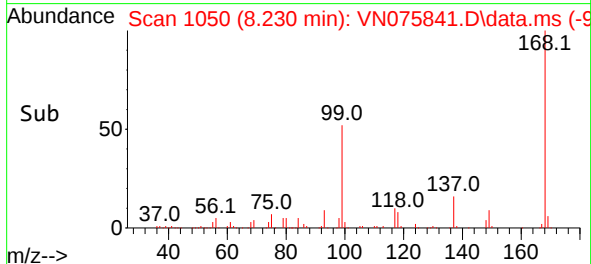
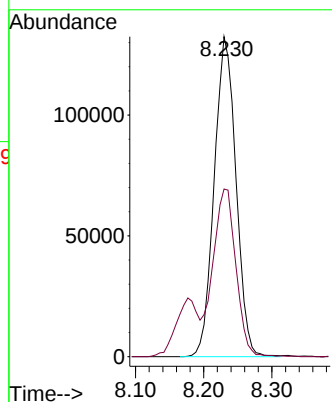
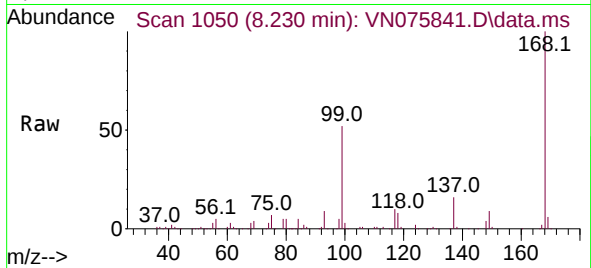
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

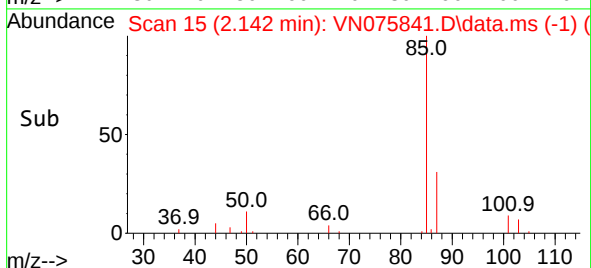
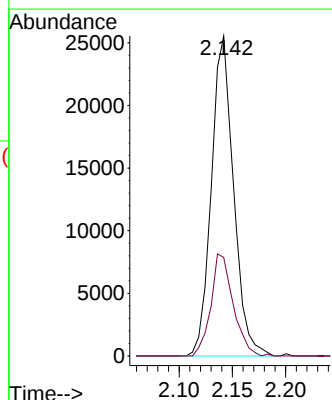
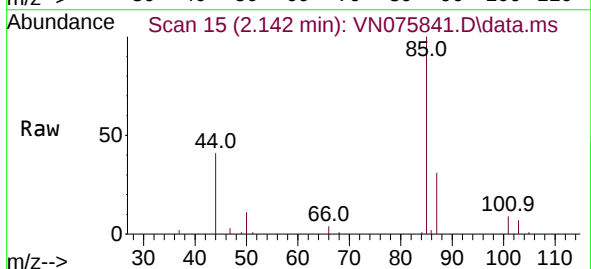
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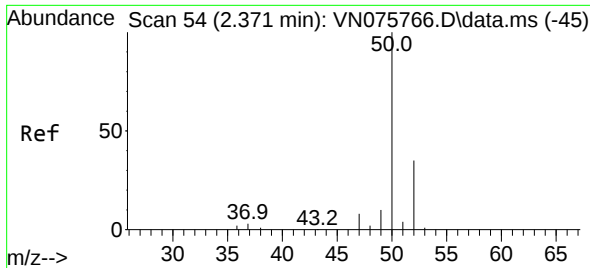
Tgt Ion:168 Resp: 294387
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.672 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 85 Resp: 36939
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.9

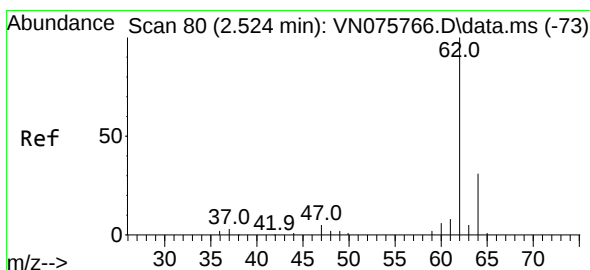
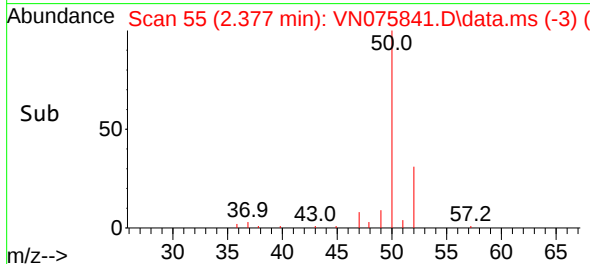
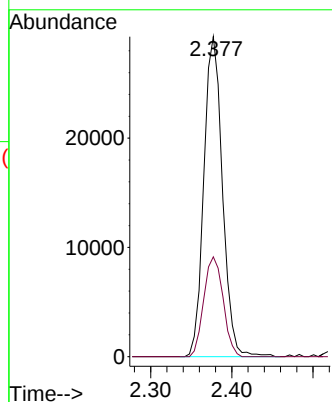
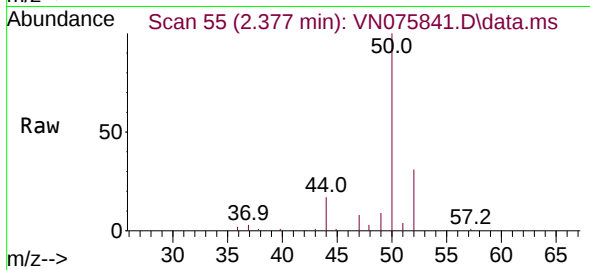




#3
Chloromethane
Concen: 17.930 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

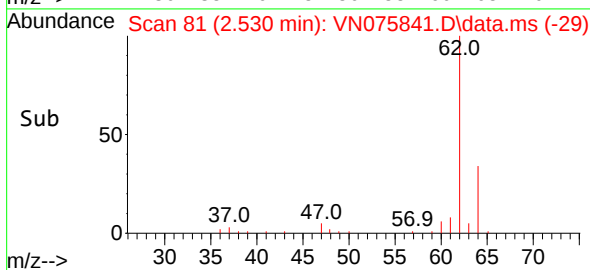
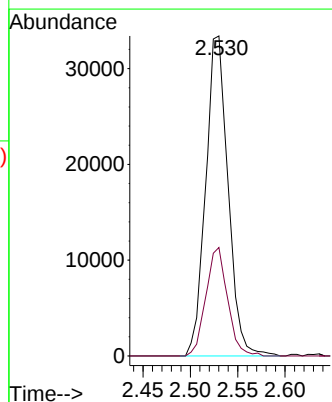
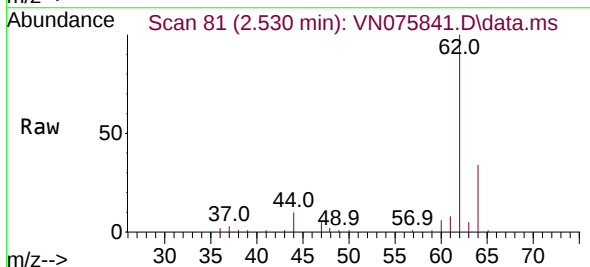
Instrument :
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ClientSampleId :
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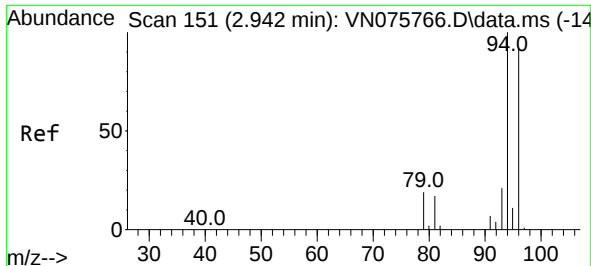
Tgt Ion: 50 Resp: 46603
Ion Ratio Lower Upper
50 100
52 31.2 27.7 41.5



#4
Vinyl Chloride
Concen: 17.710 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 62 Resp: 54908
Ion Ratio Lower Upper
62 100
64 33.9 24.9 37.3

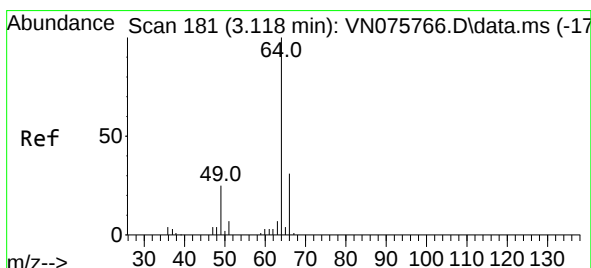
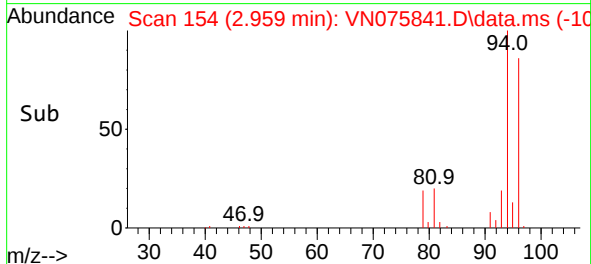
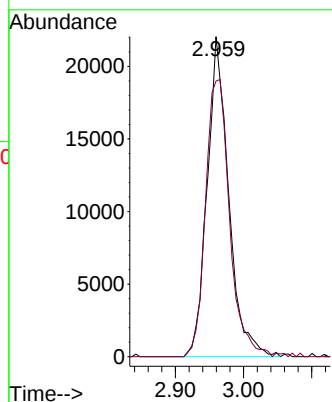
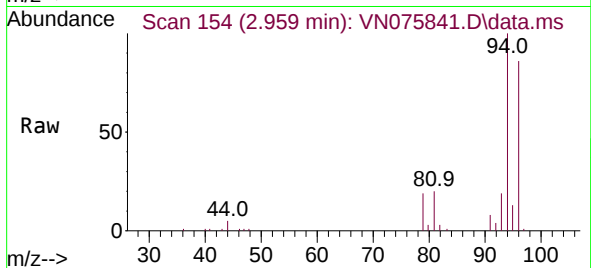




#5
Bromomethane
Concen: 18.402 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

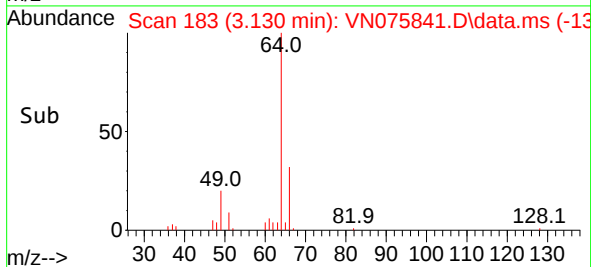
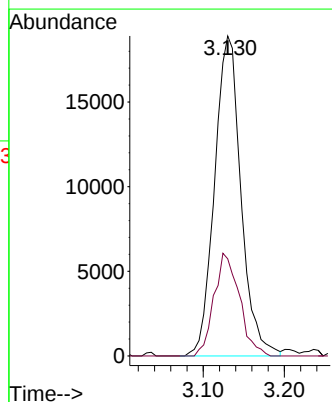
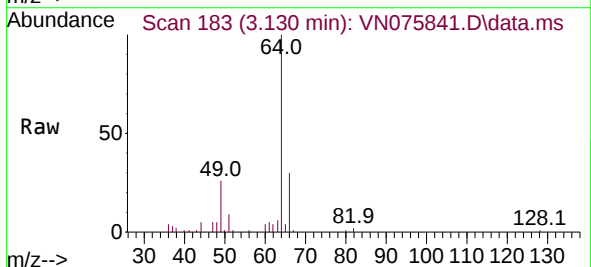
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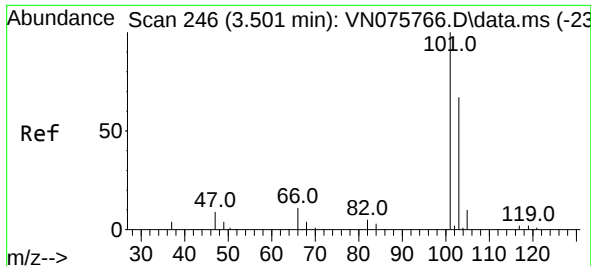
Tgt Ion: 94 Resp: 48489
Ion Ratio Lower Upper
94 100
96 86.1 73.8 110.6



#6
Chloroethane
Concen: 18.616 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 64 Resp: 42743
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8

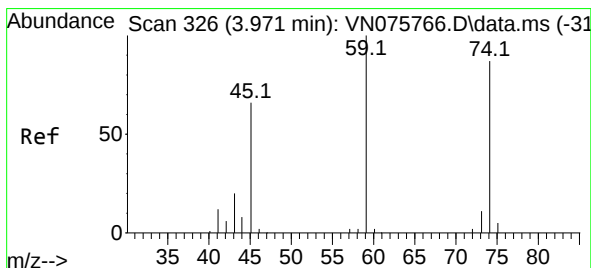
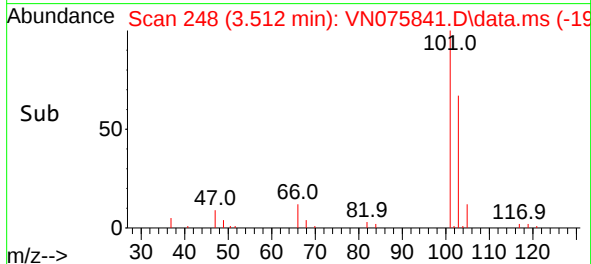
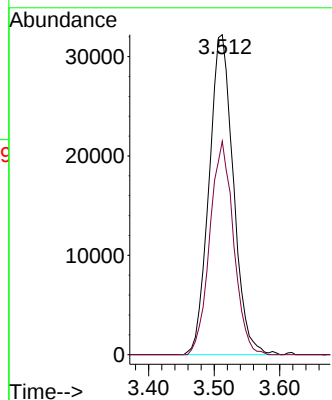
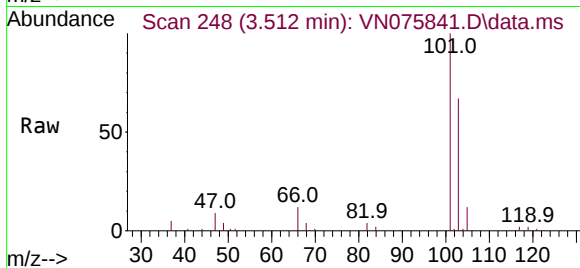




#7
Trichlorofluoromethane
Concen: 17.641 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

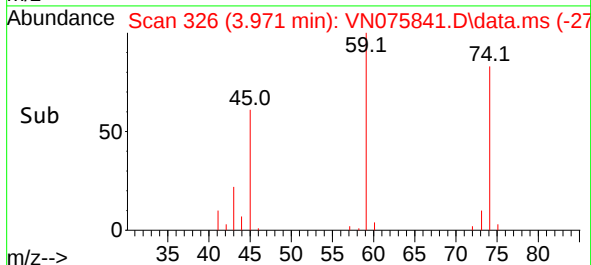
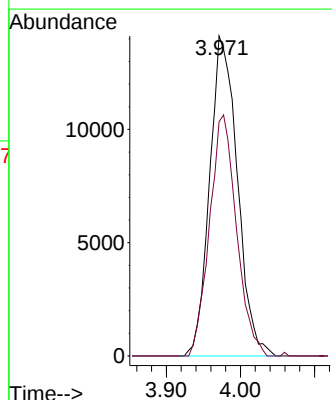
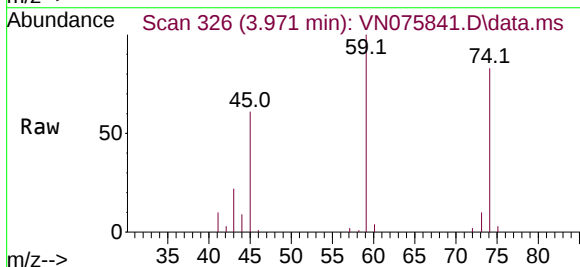
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MSVOA_N
ClientSampleId :
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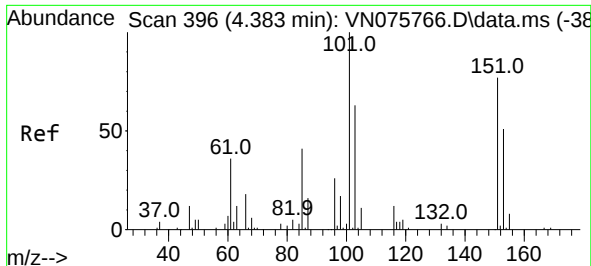
Tgt Ion:101 Resp: 82993
Ion Ratio Lower Upper
101 100
103 66.7 53.4 80.2



#8
Diethyl Ether
Concen: 21.331 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 74 Resp: 36654
Ion Ratio Lower Upper
74 100
45 73.3 37.8 113.4

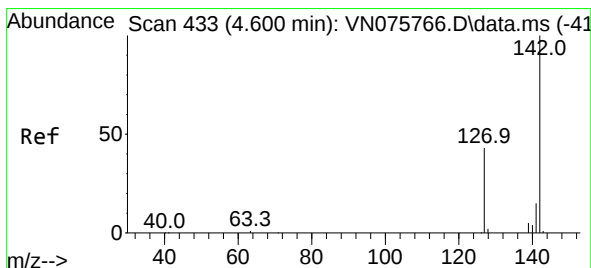
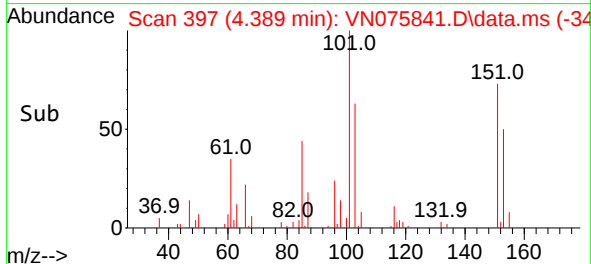
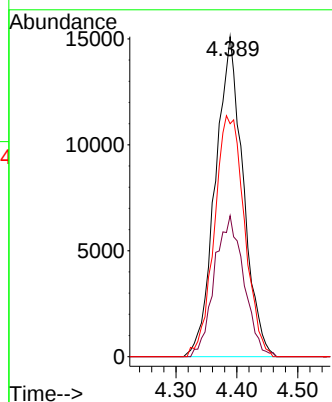
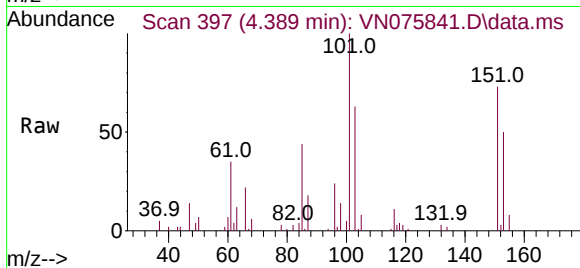




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.832 ug/l
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN075841.D
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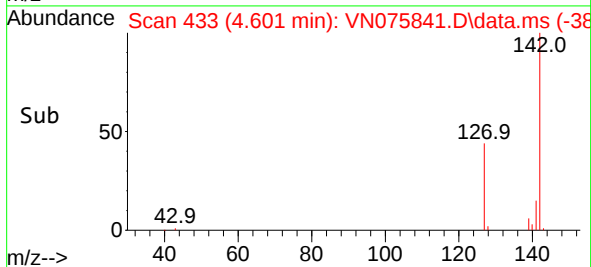
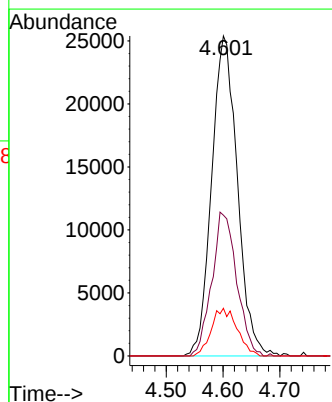
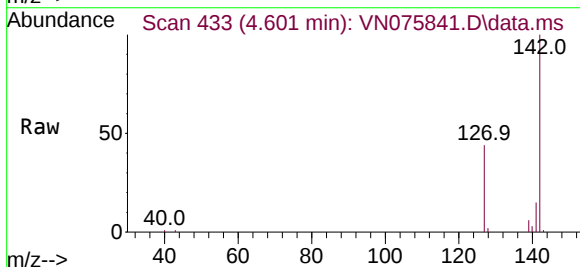
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Tgt Ion:101 Resp: 47904
 Ion Ratio Lower Upper
 101 100
 85 46.5 35.3 52.9
 151 81.5 65.6 98.4



#10
 Methyl Iodide
 Concen: 18.279 ug/l
 RT: 4.601 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion:142 Resp: 79690
 Ion Ratio Lower Upper
 142 100
 127 43.5 34.7 52.1
 141 15.0 11.4 17.2

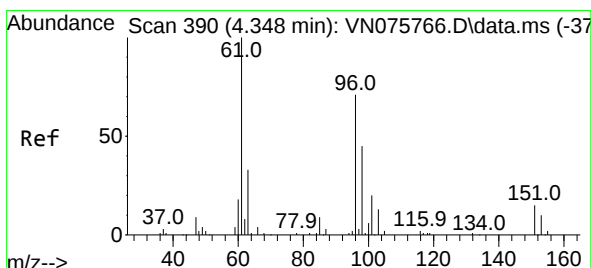
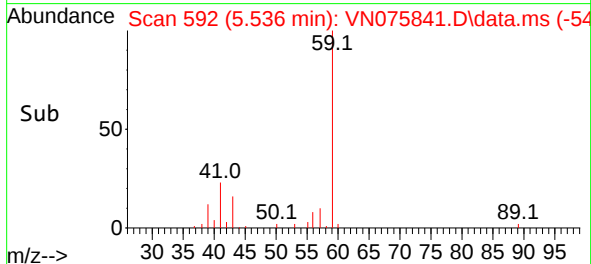
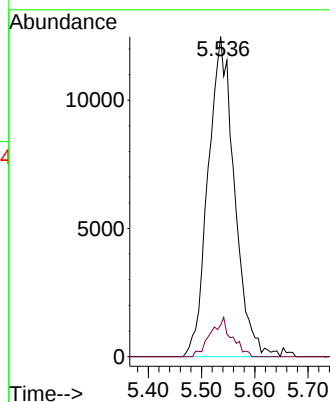
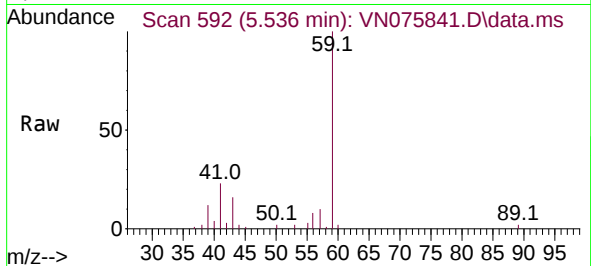




#11
Tert butyl alcohol
Concen: 94.633 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

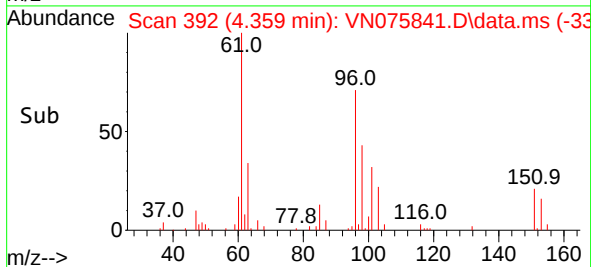
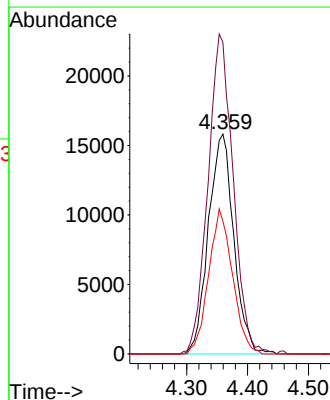
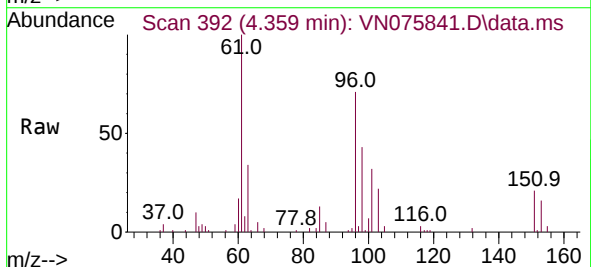
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 59 Resp: 42885
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.572 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 96 Resp: 45848
Ion Ratio Lower Upper
96 100
61 141.8 113.3 169.9
98 60.4 50.9 76.3





#13

Acrolein

Concen: 139.135 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

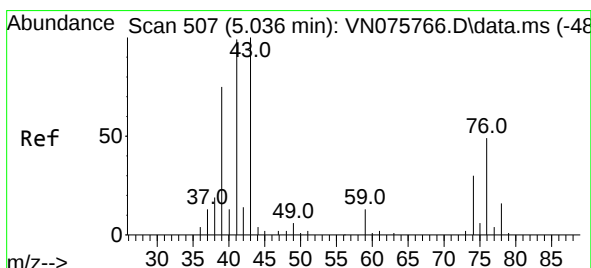
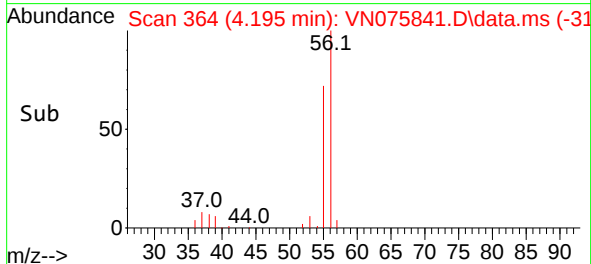
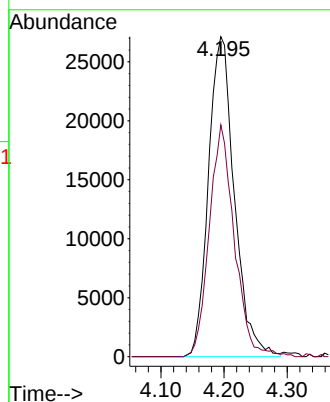
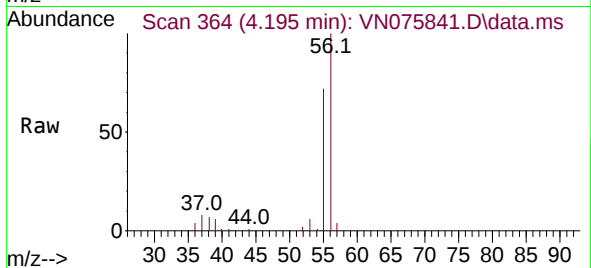
VN1216MBS01

Tgt Ion: 56 Resp: 77300

Ion Ratio Lower Upper

56 100

55 70.1 54.8 82.2



#14

Allyl chloride

Concen: 20.720 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

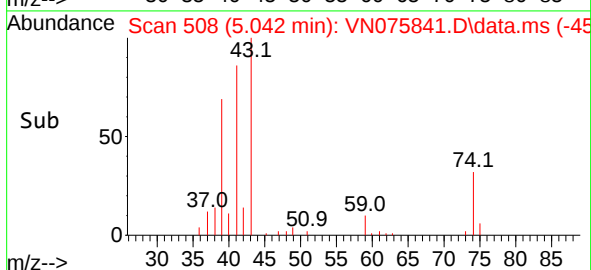
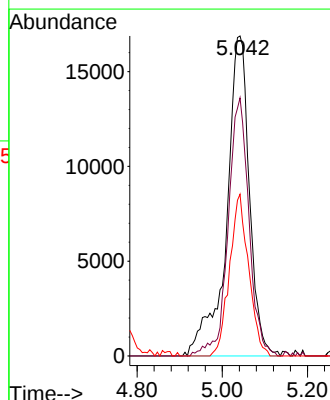
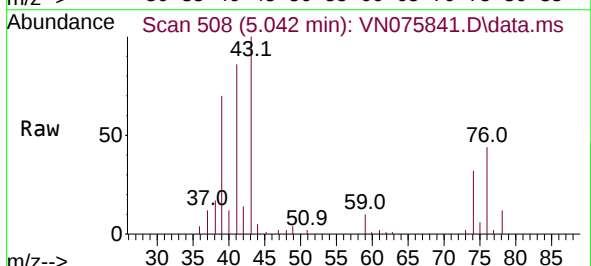
Tgt Ion: 41 Resp: 63198

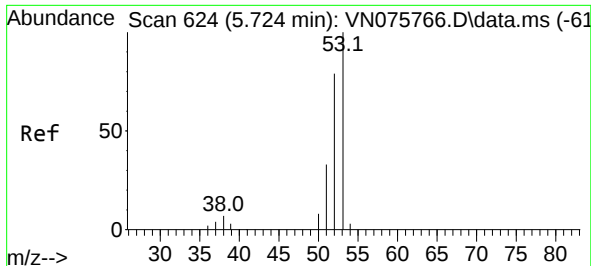
Ion Ratio Lower Upper

41 100

39 72.9 58.3 87.5

76 42.1 35.8 53.6

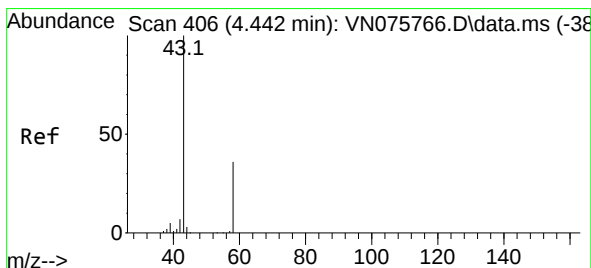
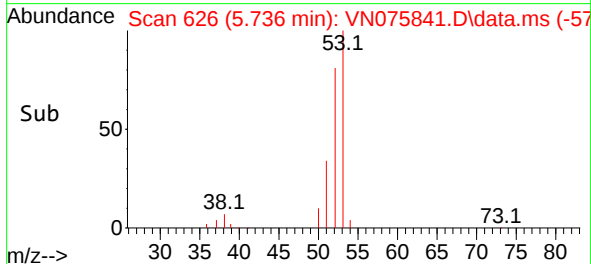
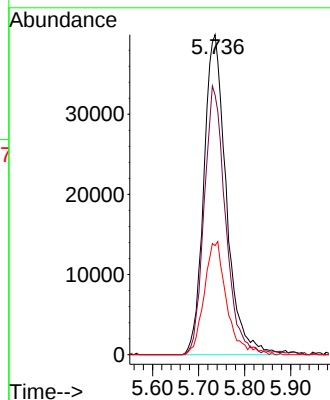
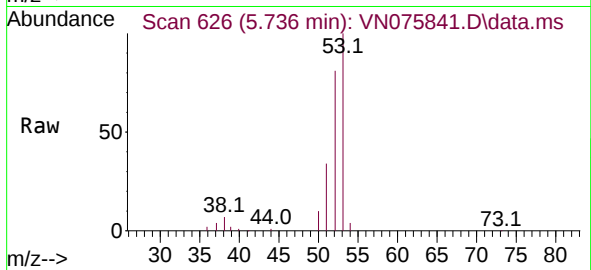




#15
Acrylonitrile
Concen: 109.670 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

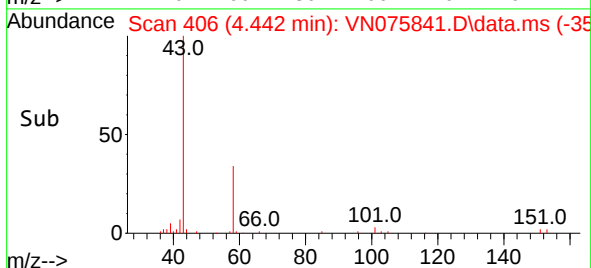
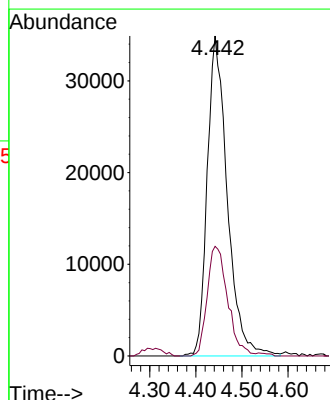
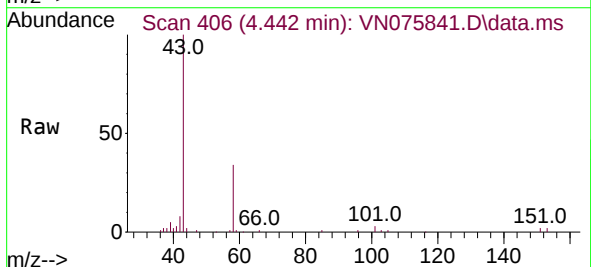
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

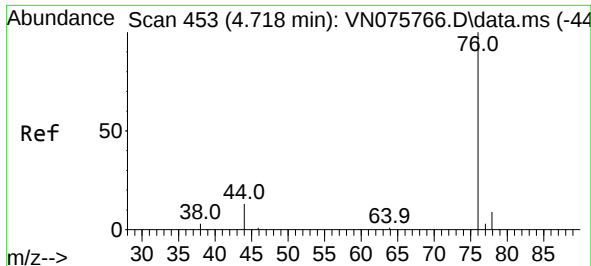
Tgt Ion: 53 Resp: 135627
Ion Ratio Lower Upper
53 100
52 79.5 65.4 98.0
51 35.5 28.9 43.3



#16
Acetone
Concen: 95.630 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 43 Resp: 105577
Ion Ratio Lower Upper
43 100
58 34.3 28.6 43.0

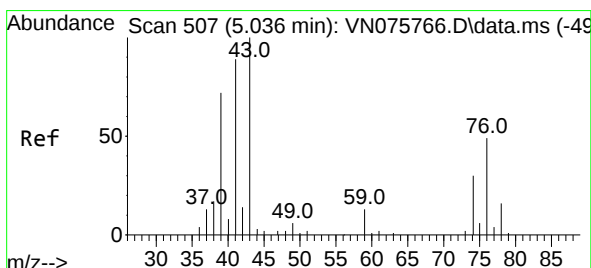
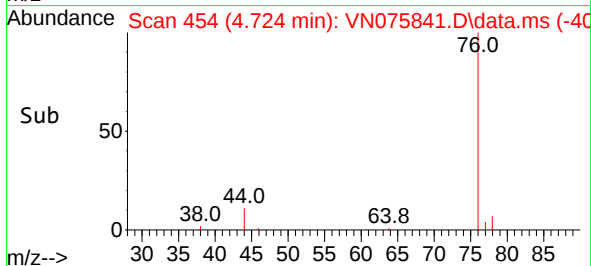
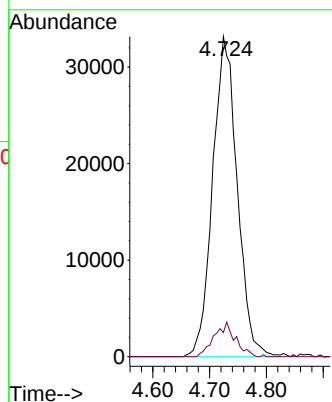
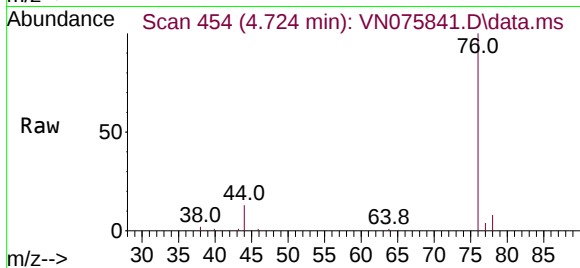




#17
Carbon Disulfide
Concen: 15.748 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

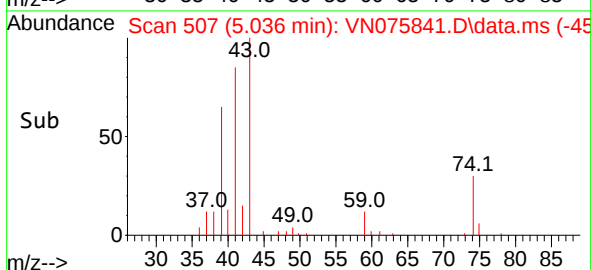
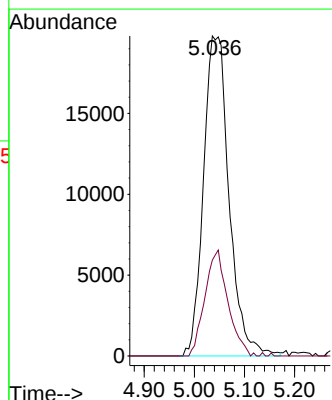
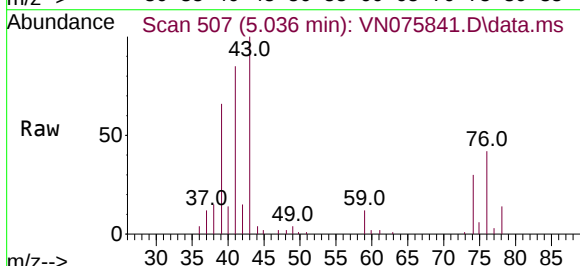
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

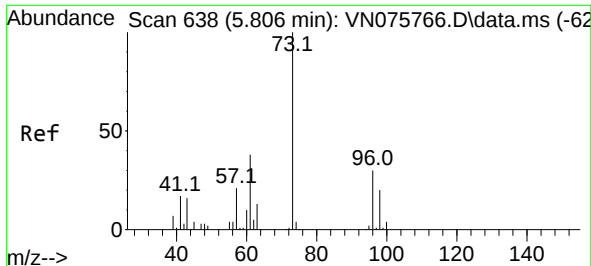
Tgt Ion: 76 Resp: 99481
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 21.512 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 43 Resp: 70202
Ion Ratio Lower Upper
43 100
74 29.7 23.6 35.4

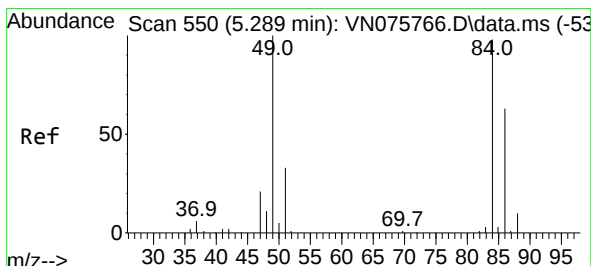
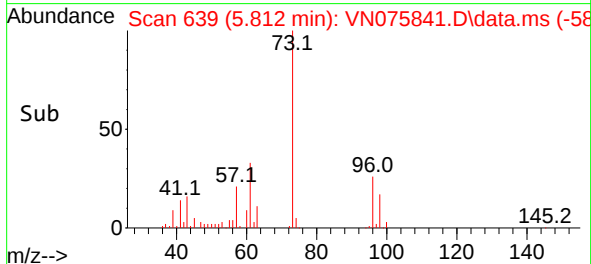
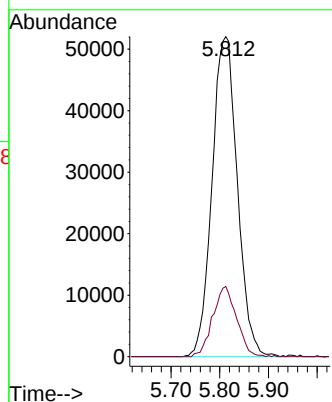
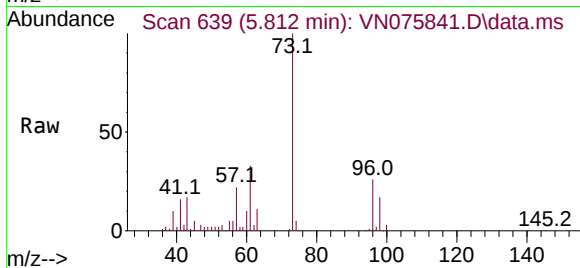




#19
Methyl tert-butyl Ether
Concen: 21.865 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

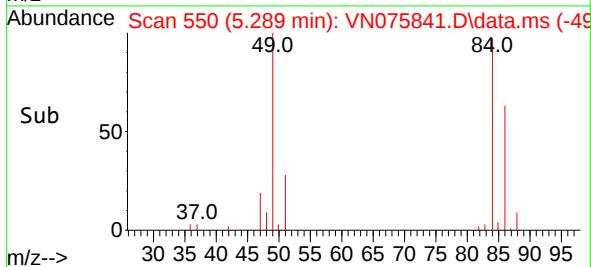
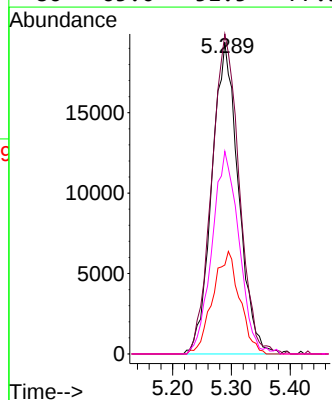
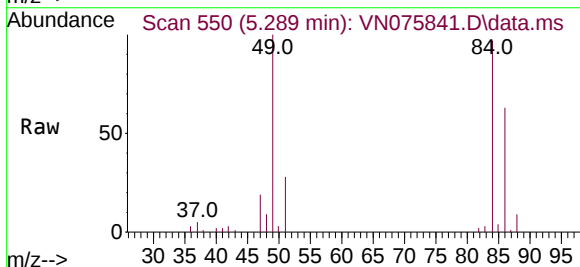
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 73 Resp: 187867
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 20.187 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 84 Resp: 60747
Ion Ratio Lower Upper
84 100
49 102.7 81.8 122.6
51 28.5 26.7 40.1
86 65.0 51.5 77.3

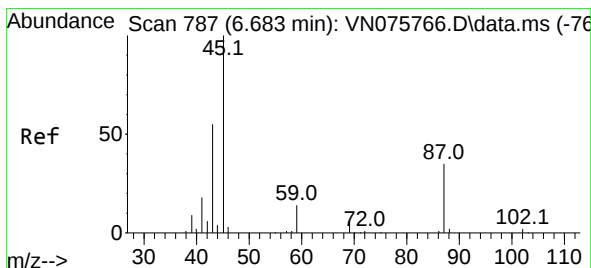
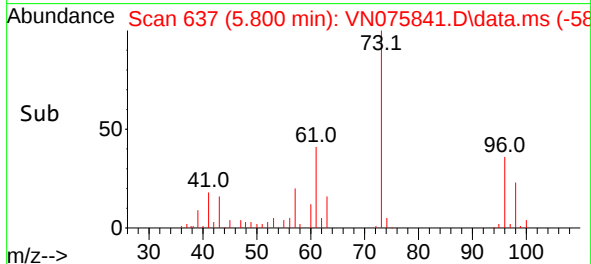
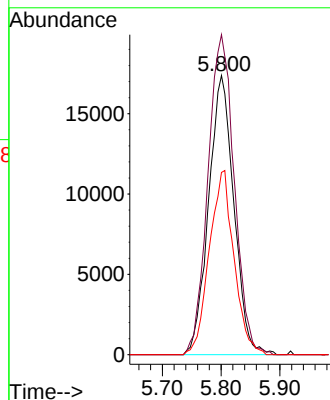
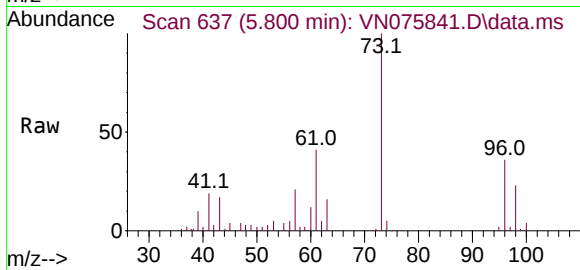




#21
trans-1,2-Dichloroethene
Concen: 18.167 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

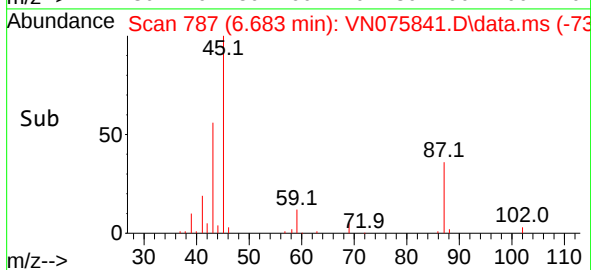
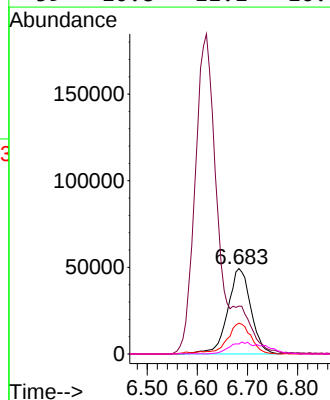
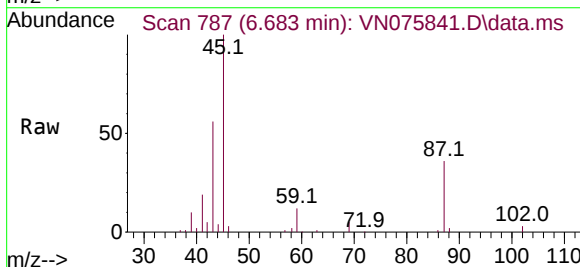
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 96 Resp: 51910
Ion Ratio Lower Upper
96 100
61 114.6 98.1 147.1
98 65.3 51.4 77.2



#22
Diisopropyl ether
Concen: 21.321 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 45 Resp: 157972
Ion Ratio Lower Upper
45 100
43 54.1 44.2 66.4
87 35.9 28.3 42.5
59 10.8 11.1 16.7#

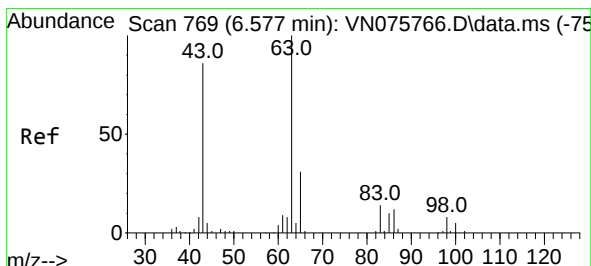
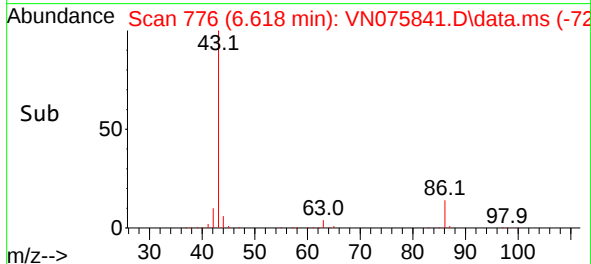
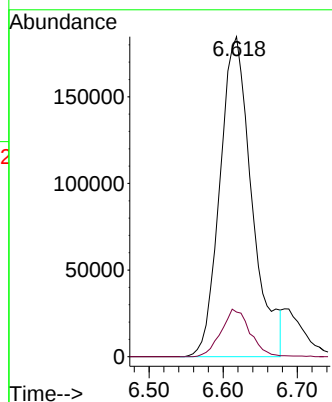
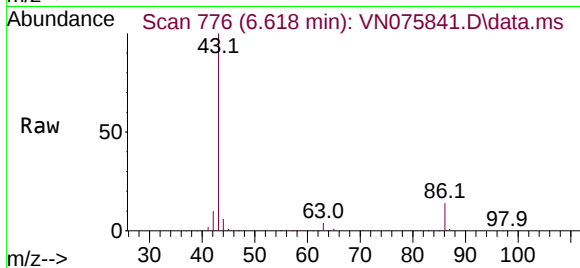




#23
 Vinyl Acetate
 Concen: 111.057 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

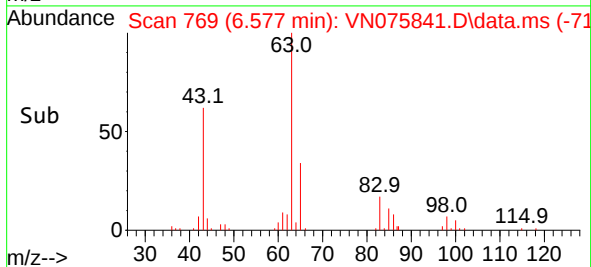
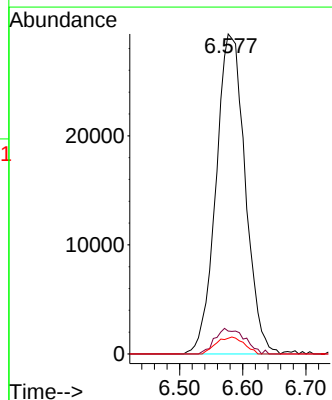
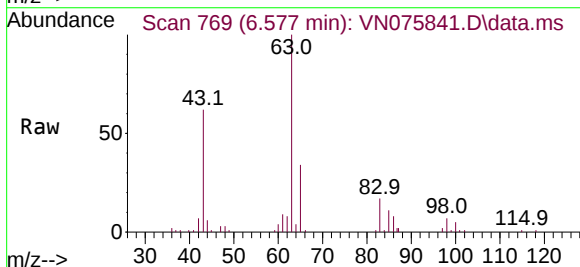
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

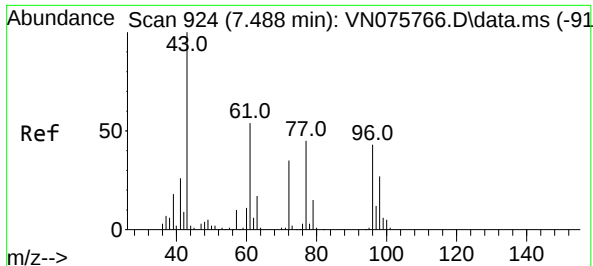
Tgt Ion: 43 Resp: 553847
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.005 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion: 63 Resp: 93913
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.9 2.5 7.6





#25

2-Butanone

Concen: 107.004 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

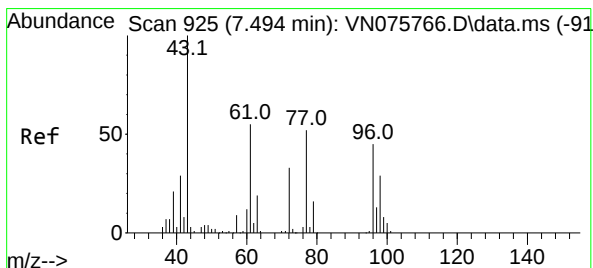
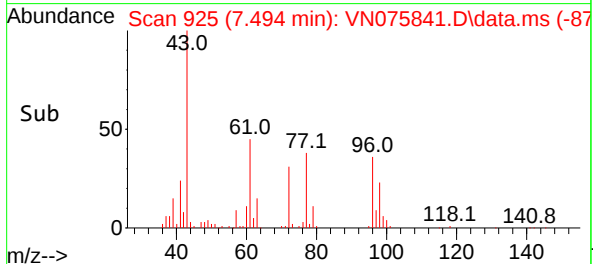
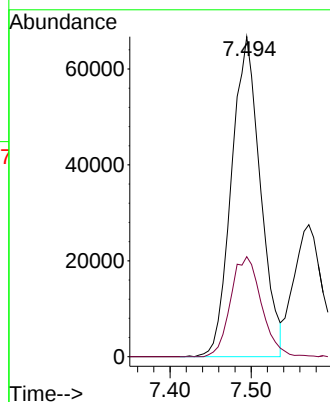
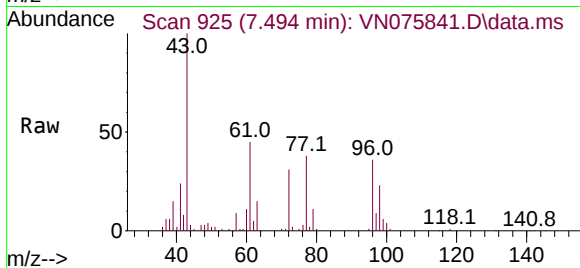
VN1216MBS01

Tgt Ion: 43 Resp: 165410

Ion Ratio Lower Upper

43 100

72 31.2 28.0 42.0



#26

2,2-Dichloropropane

Concen: 18.310 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075841.D

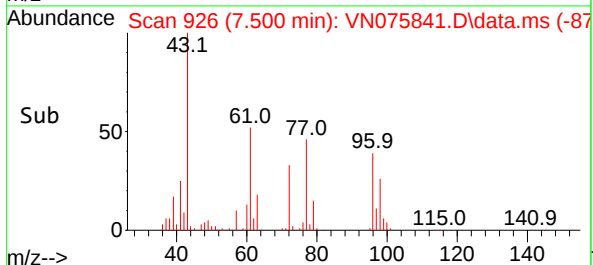
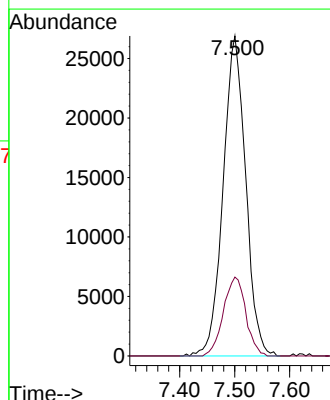
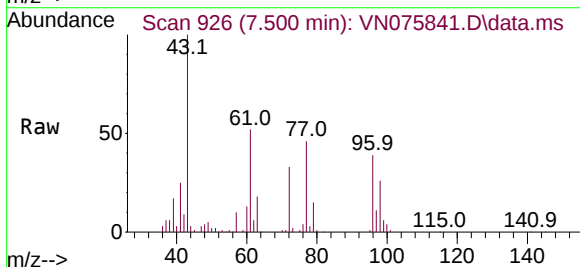
Acq: 16 Dec 2022 12:37

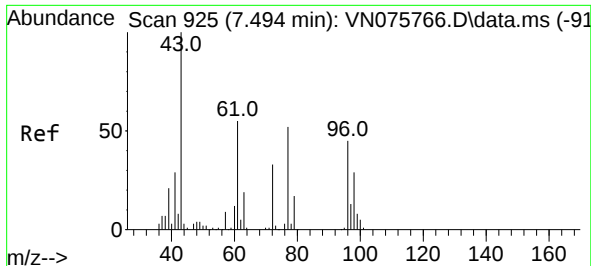
Tgt Ion: 77 Resp: 76623

Ion Ratio Lower Upper

77 100

97 24.5 12.7 38.0

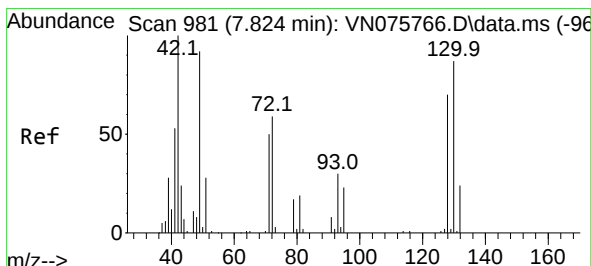
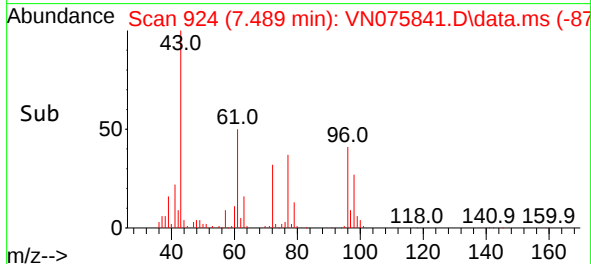
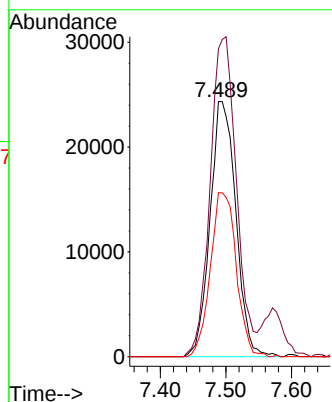
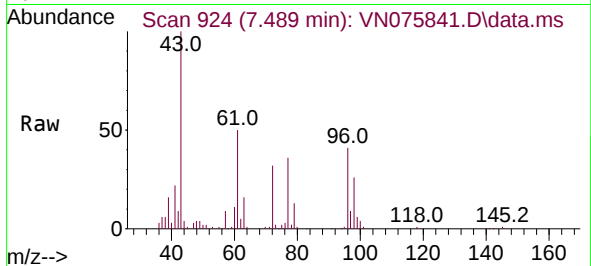




#27
 cis-1,2-Dichloroethene
 Concen: 19.448 ug/l
 RT: 7.489 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

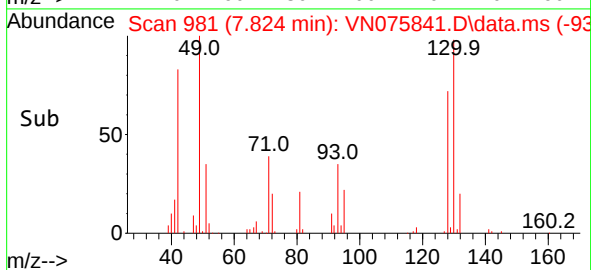
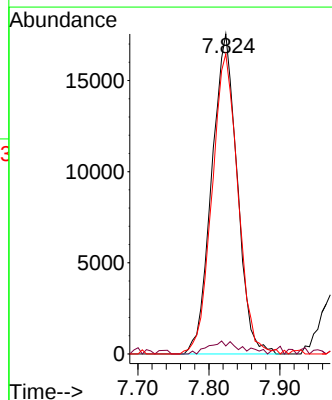
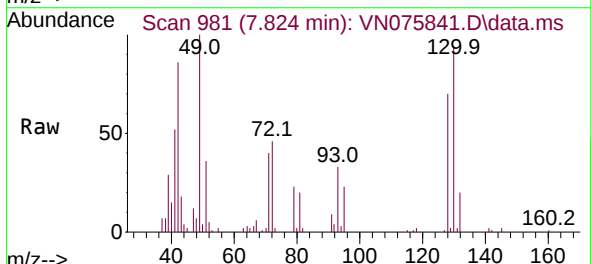
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

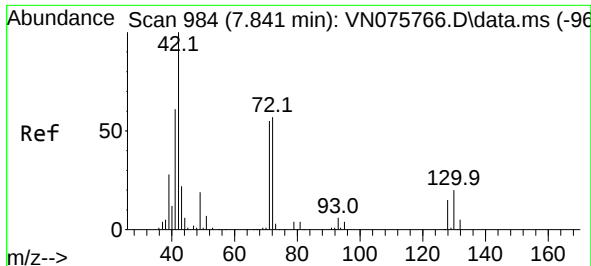
Tgt Ion: 96 Resp: 66463
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 247.8
 98 64.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.140 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion: 49 Resp: 43620
 Ion Ratio Lower Upper
 49 100
 129 5.1 0.0 5.0#
 130 95.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 112.877 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

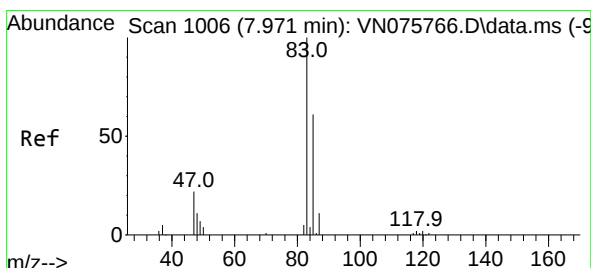
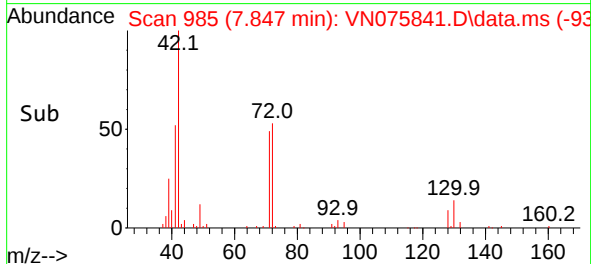
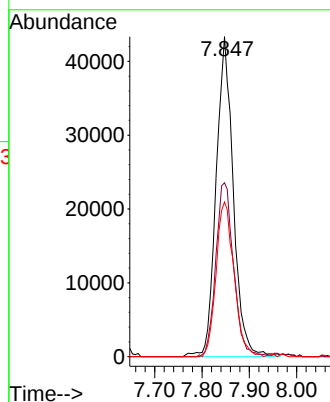
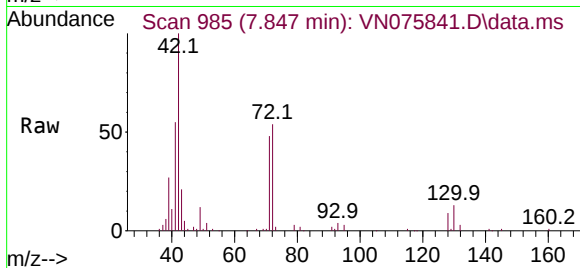
Tgt Ion: 42 Resp: 109347

Ion Ratio Lower Upper

42 100

72 55.9 44.5 66.7

71 50.3 41.0 61.6



#30

Chloroform

Concen: 19.354 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075841.D

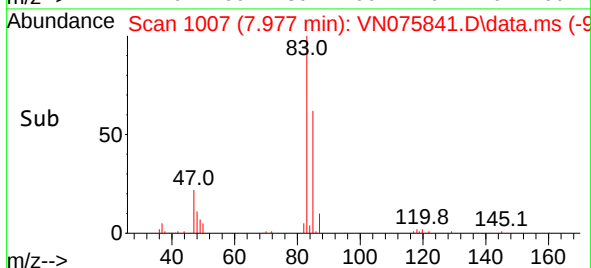
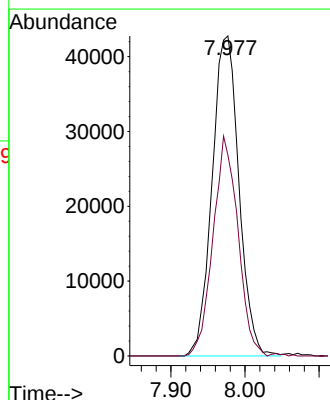
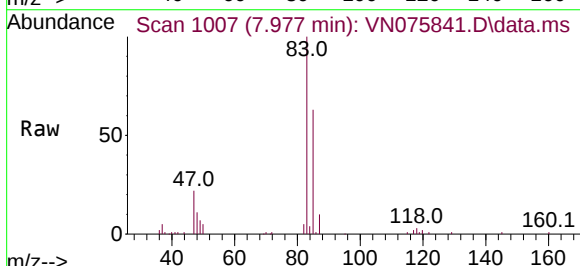
Acq: 16 Dec 2022 12:37

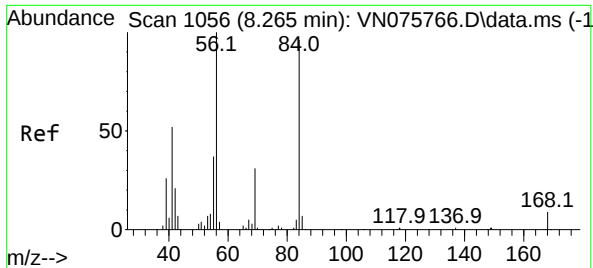
Tgt Ion: 83 Resp: 107680

Ion Ratio Lower Upper

83 100

85 62.8 49.1 73.7

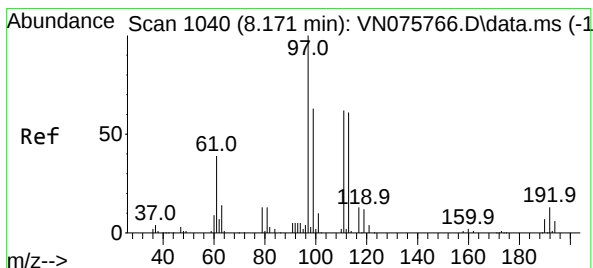
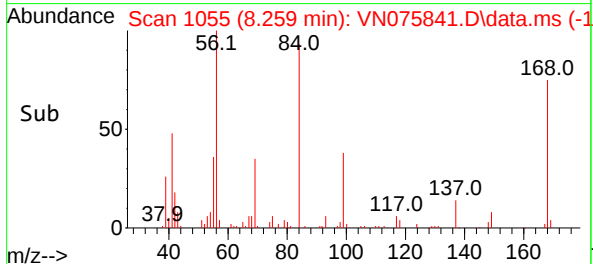
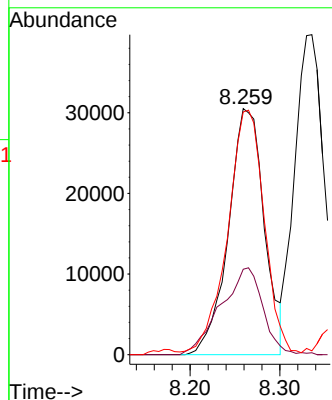
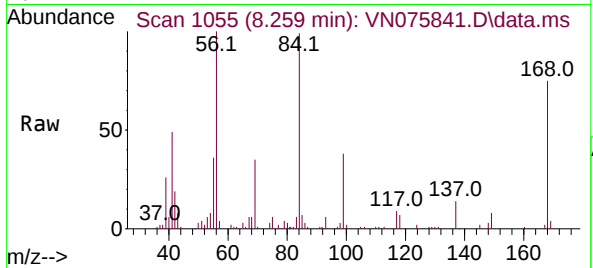




#31
Cyclohexane
Concen: 18.387 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

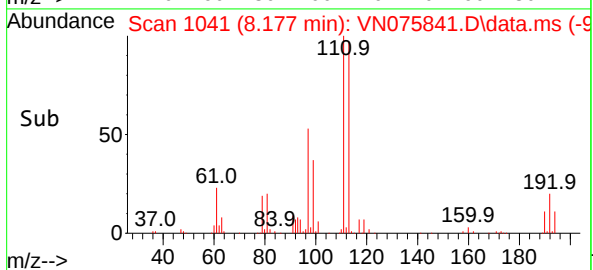
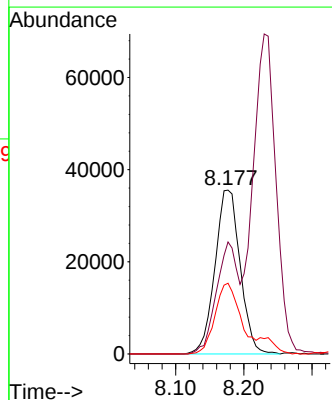
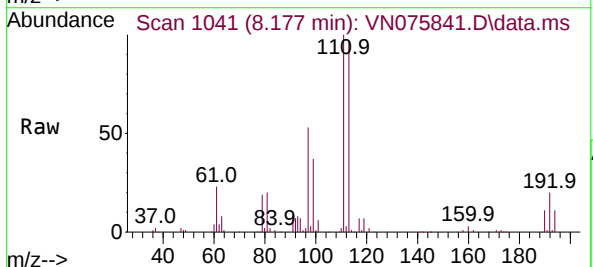
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

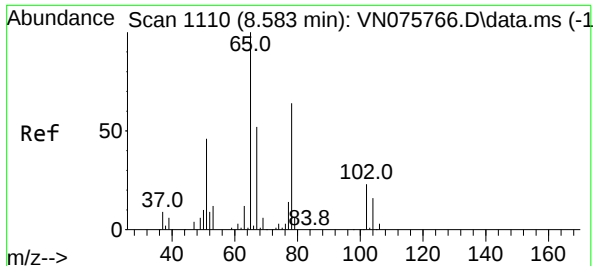
Tgt Ion: 56 Resp: 84337
Ion Ratio Lower Upper
56 100
69 34.7 24.7 37.1
84 97.5 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 18.560 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 97 Resp: 91544
Ion Ratio Lower Upper
97 100
99 58.4 50.2 75.2
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 56.771 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

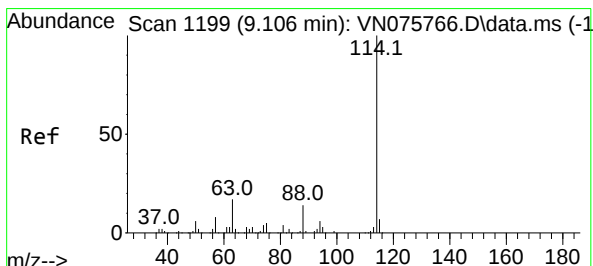
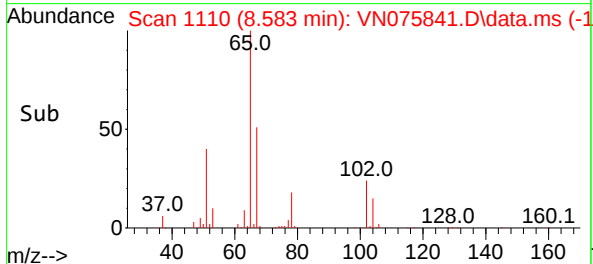
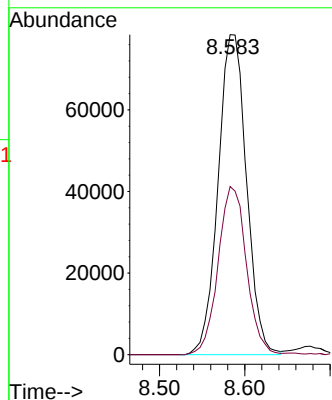
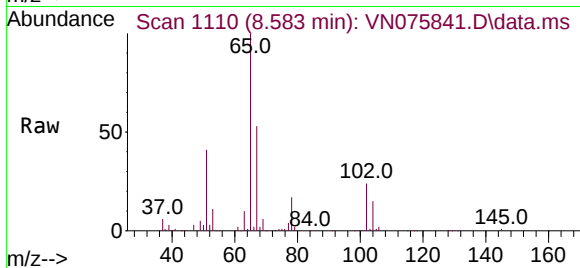
VN1216MBS01

Tgt Ion: 65 Resp: 181819

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

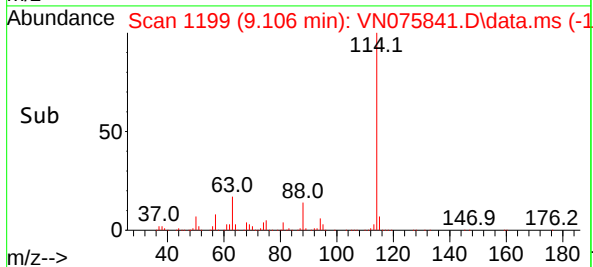
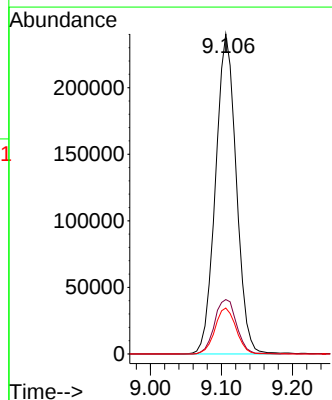
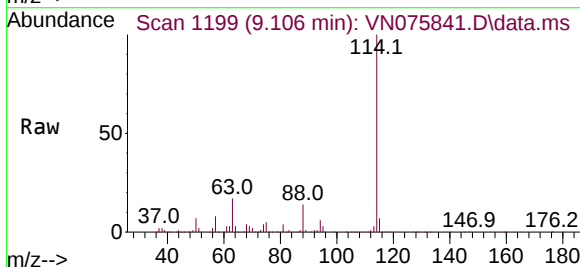
Tgt Ion: 114 Resp: 485592

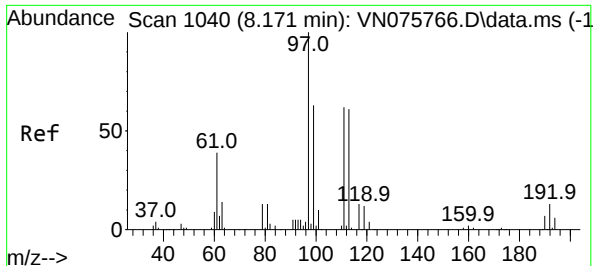
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.114 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

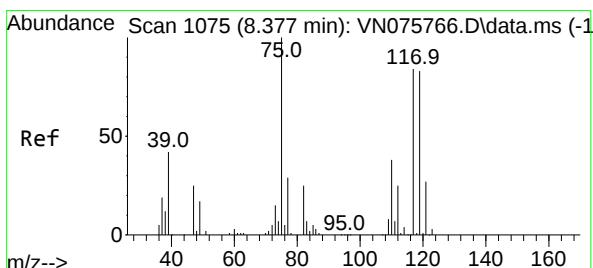
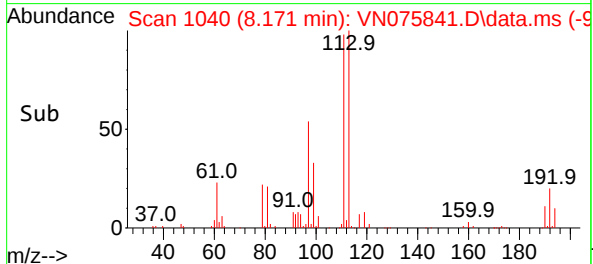
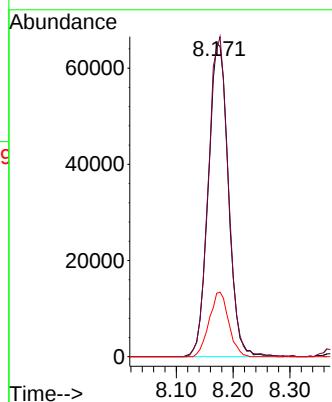
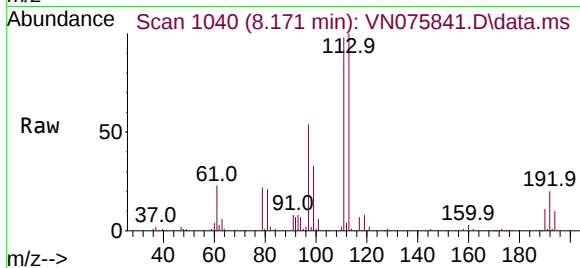
Tgt Ion:113 Resp: 159724

Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.2

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 18.350 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

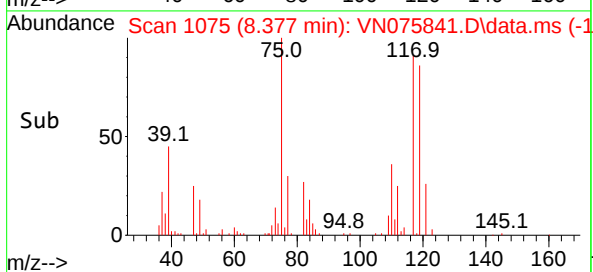
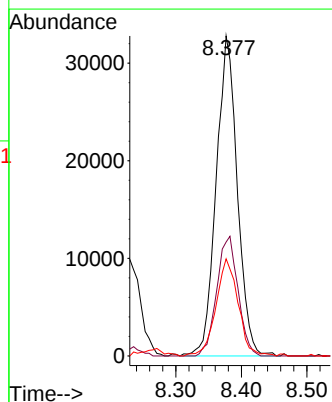
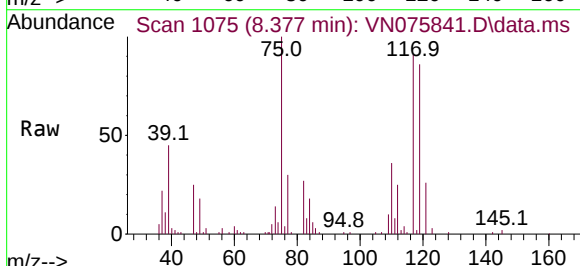
Tgt Ion: 75 Resp: 73302

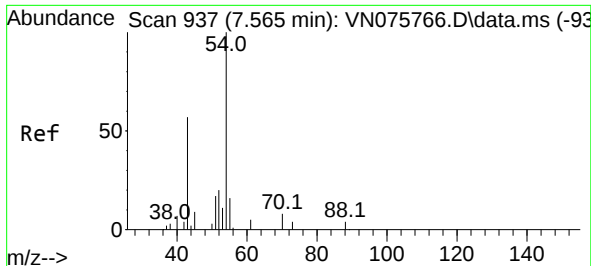
Ion Ratio Lower Upper

75 100

110 37.7 18.8 56.4

77 31.8 24.1 36.1

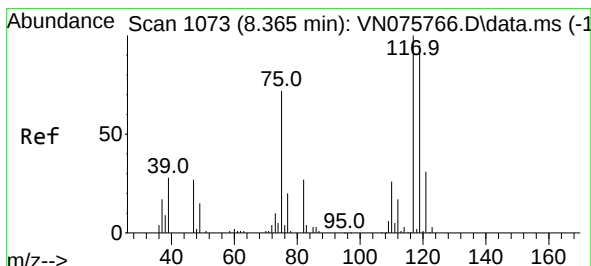
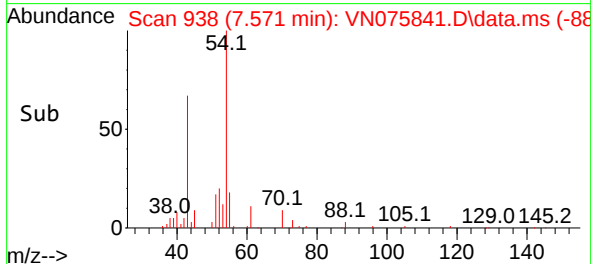
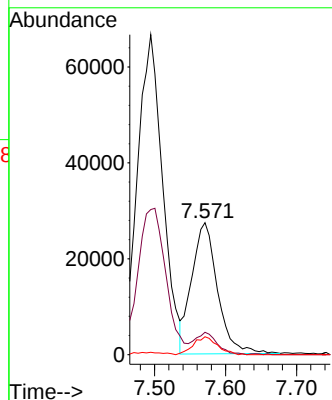
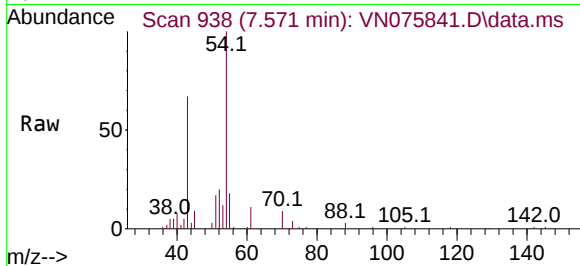




#37
Ethyl Acetate
Concen: 21.583 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

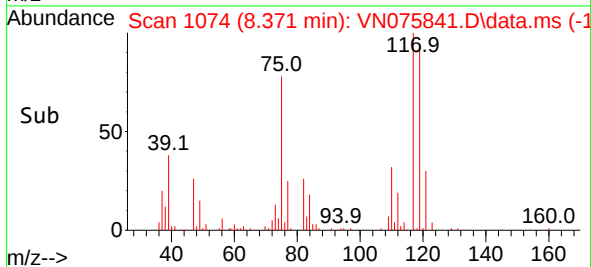
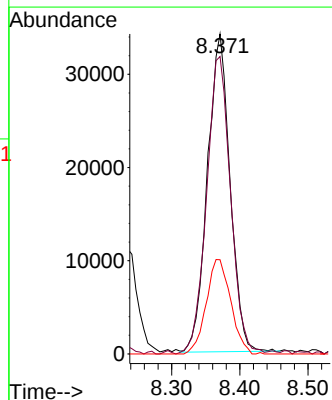
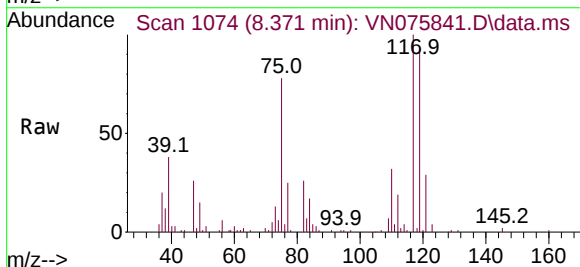
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

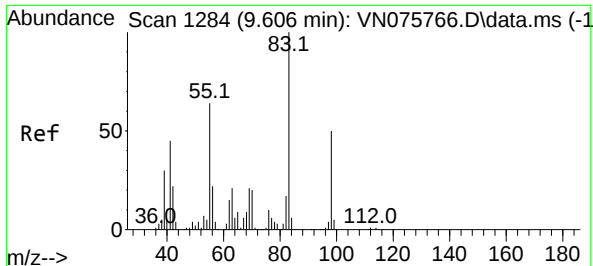
Tgt Ion: 43 Resp: 69256
Ion Ratio Lower Upper
43 100
61 14.4 13.0 19.4
70 12.6 9.4 14.0



#38
Carbon Tetrachloride
Concen: 17.643 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 117 Resp: 78884
Ion Ratio Lower Upper
117 100
119 93.3 76.1 114.1
121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.496 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

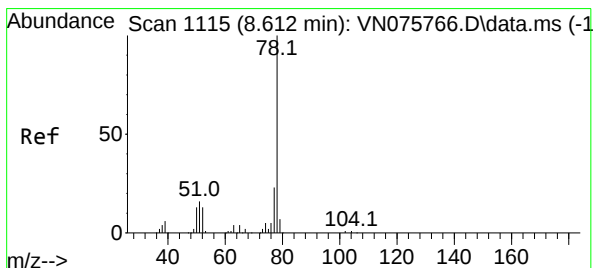
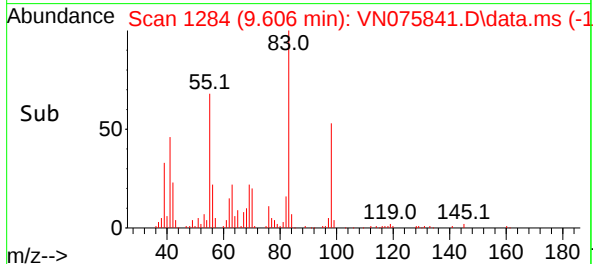
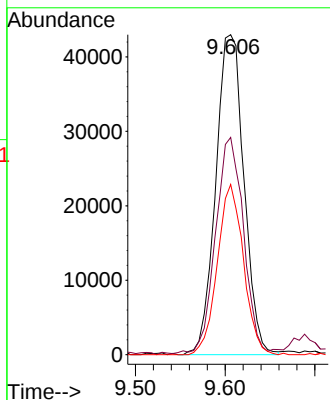
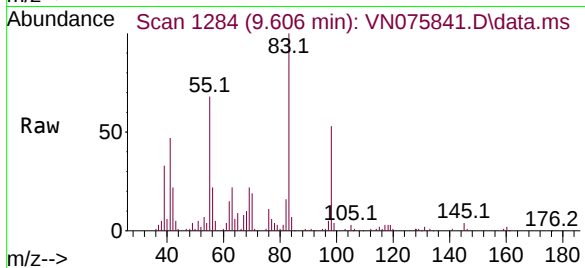
Tgt Ion: 83 Resp: 93958

Ion Ratio Lower Upper

83 100

55 67.3 51.4 77.0

98 53.2 39.8 59.8



#40

Benzene

Concen: 18.898 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075841.D

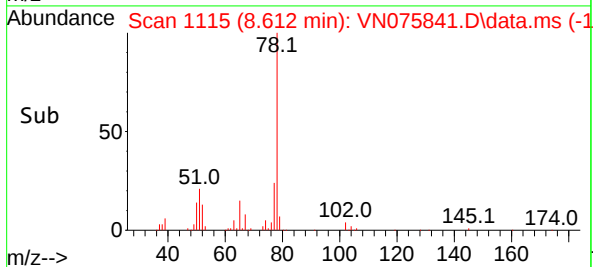
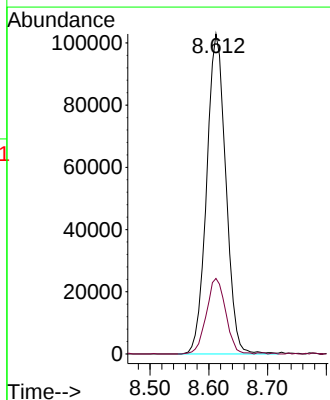
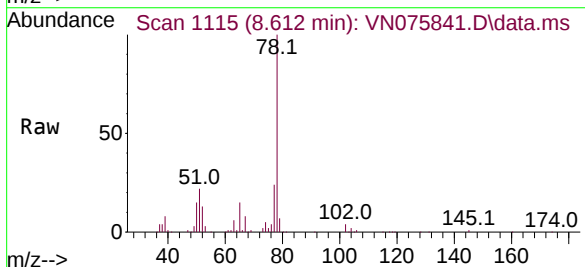
Acq: 16 Dec 2022 12:37

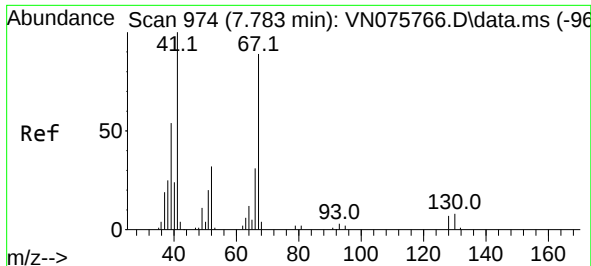
Tgt Ion: 78 Resp: 232922

Ion Ratio Lower Upper

78 100

77 23.6 18.5 27.7

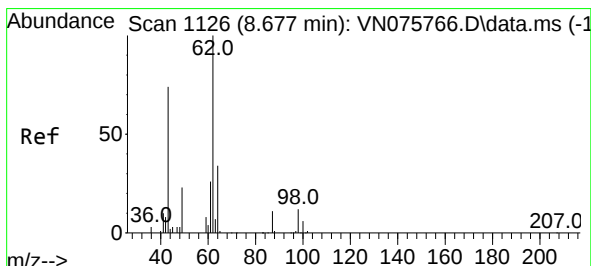
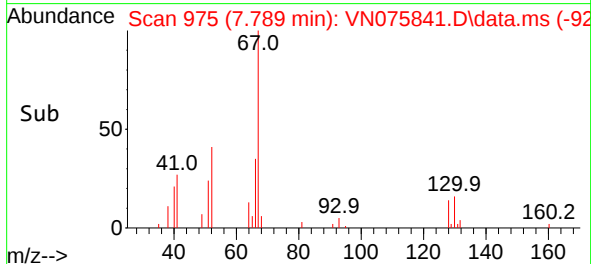
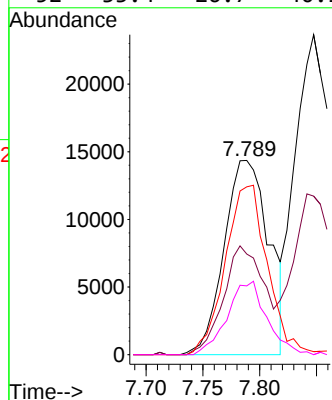
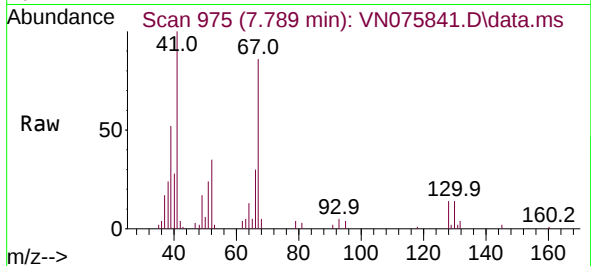




#41
Methacrylonitrile
Concen: 23.640 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

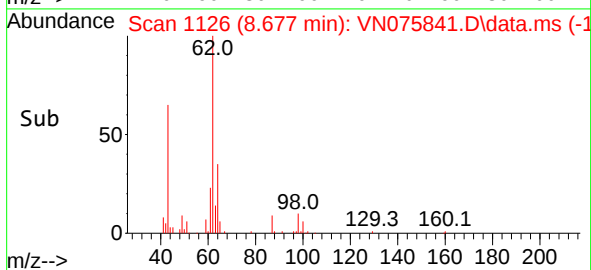
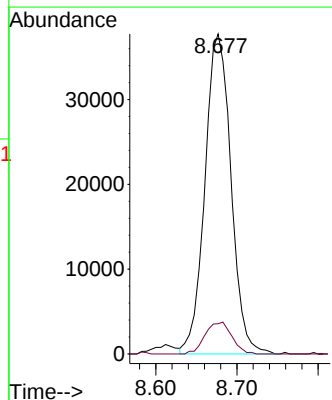
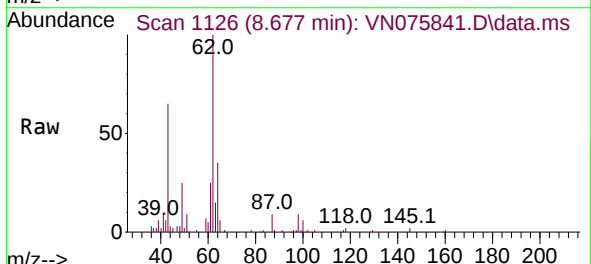
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

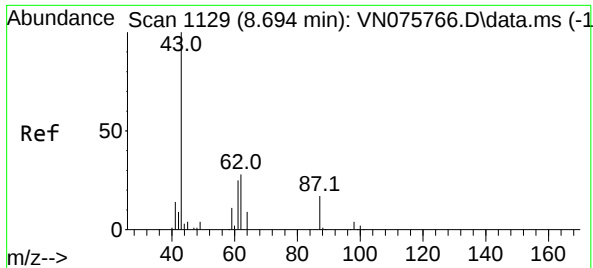
Tgt Ion:	41	Resp:	39429
Ion	Ratio	Lower	Upper
41	100		
39	50.5	43.1	64.7
67	82.2	70.7	106.1
52	33.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.563 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:	62	Resp:	84261
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8

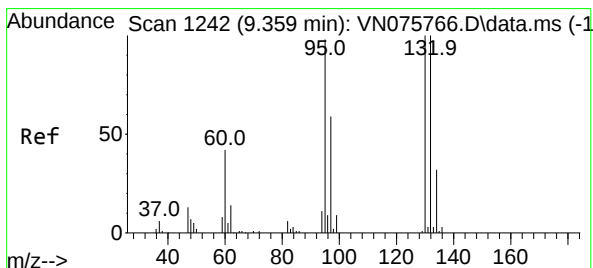
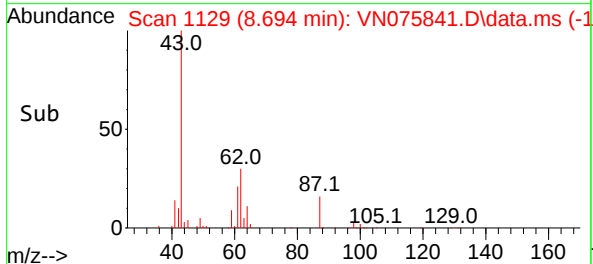
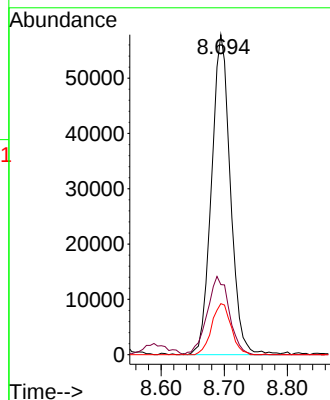
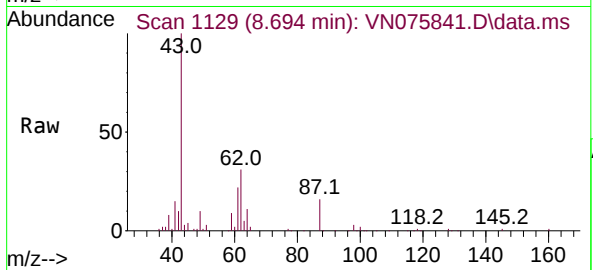




#43
Isopropyl Acetate
Concen: 22.723 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

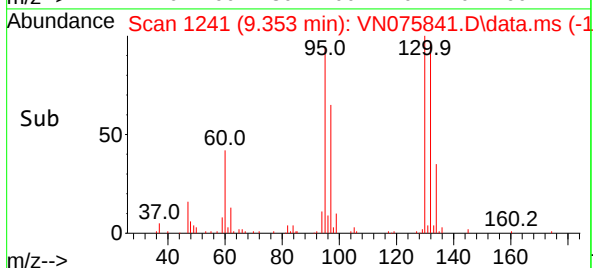
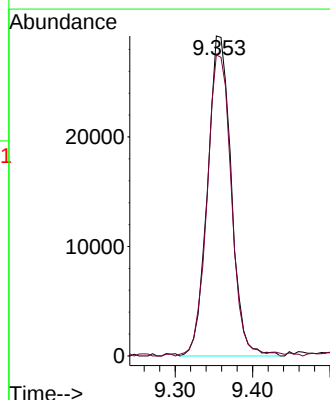
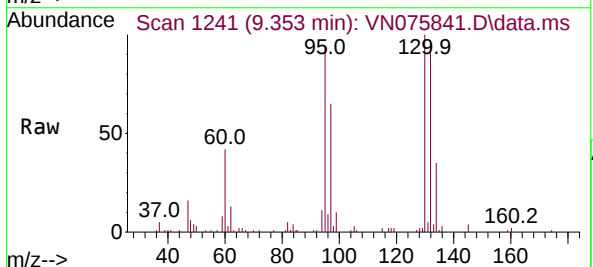
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

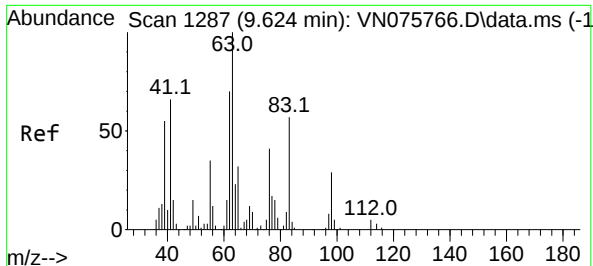
Tgt Ion: 43 Resp: 120274
Ion Ratio Lower Upper
43 100
61 28.6 24.2 36.4
87 16.4 13.3 19.9



#44
Trichloroethene
Concen: 17.831 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 130 Resp: 61915
Ion Ratio Lower Upper
130 100
95 93.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.924 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

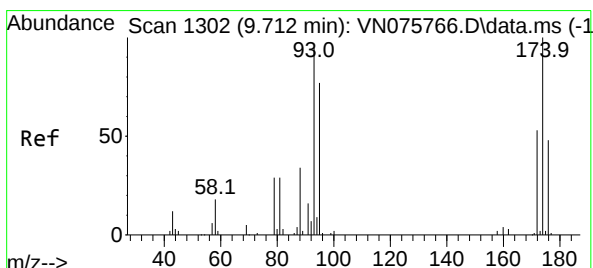
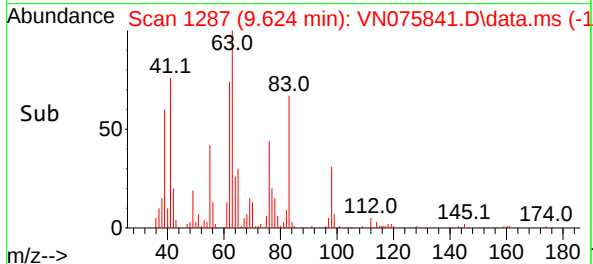
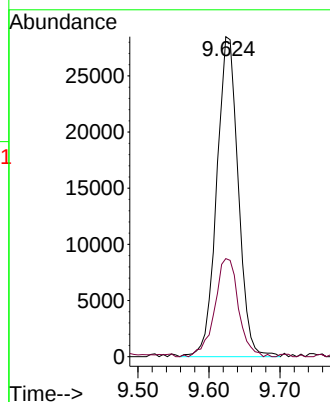
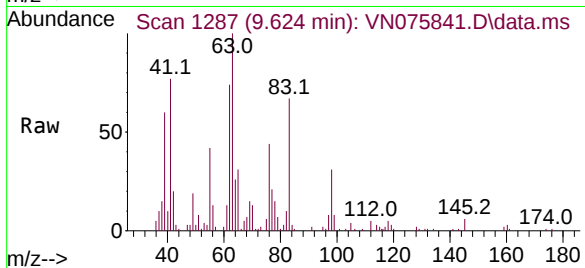
VN1216MBS01

Tgt Ion: 63 Resp: 59759

Ion Ratio Lower Upper

63 100

65 30.7 25.7 38.5



#46

Dibromomethane

Concen: 20.768 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

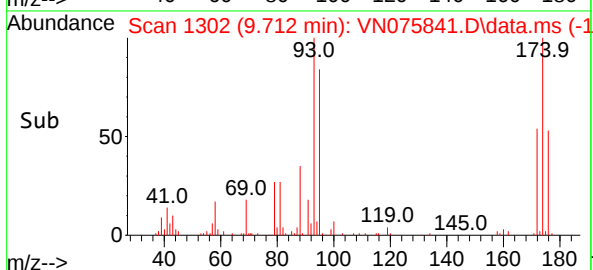
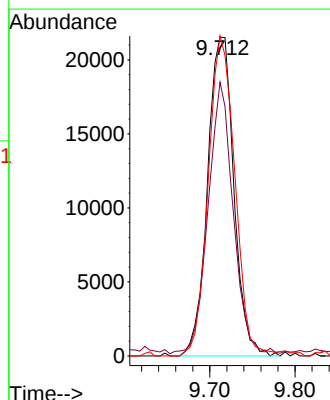
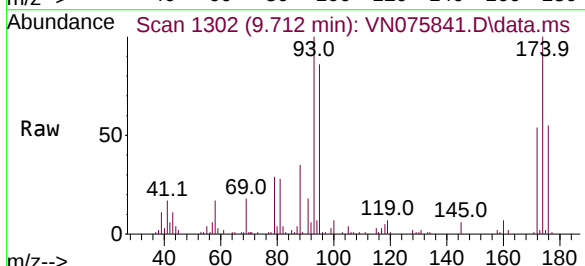
Tgt Ion: 93 Resp: 46201

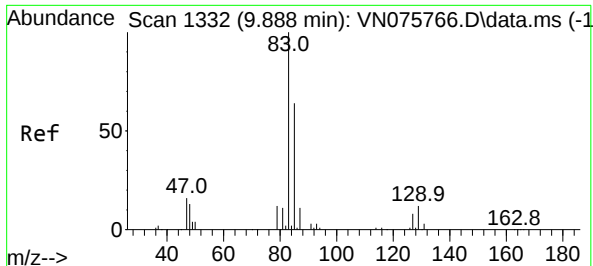
Ion Ratio Lower Upper

93 100

95 80.7 65.2 97.8

174 100.9 82.4 123.6

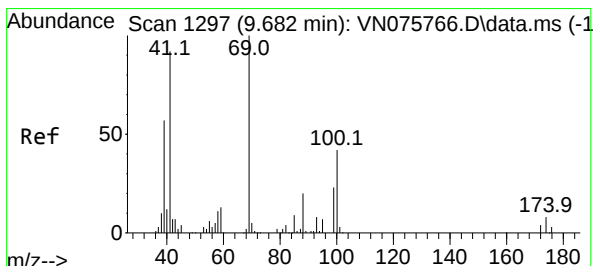
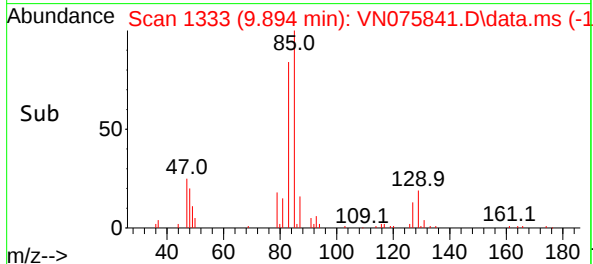
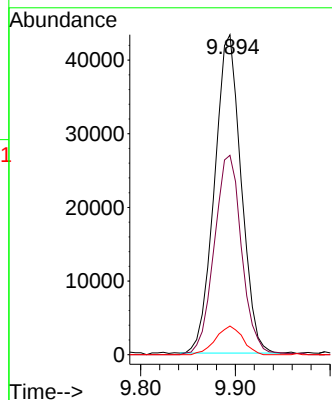
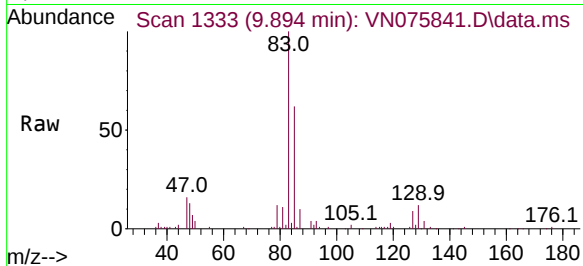




#47
Bromodichloromethane
Concen: 19.358 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

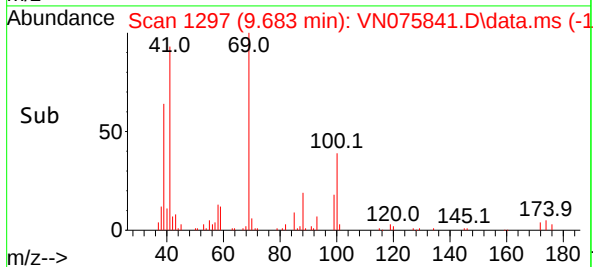
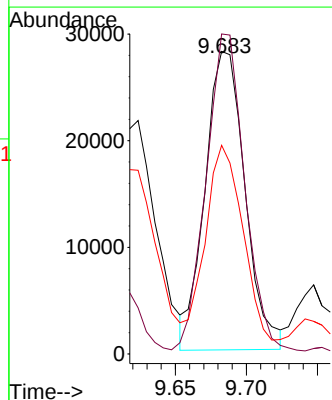
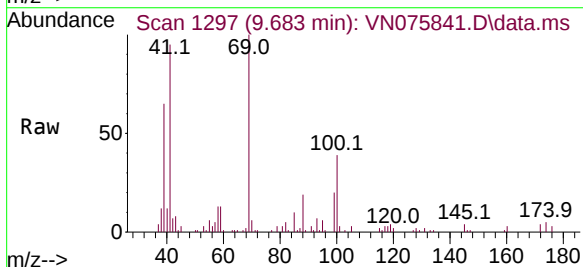
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

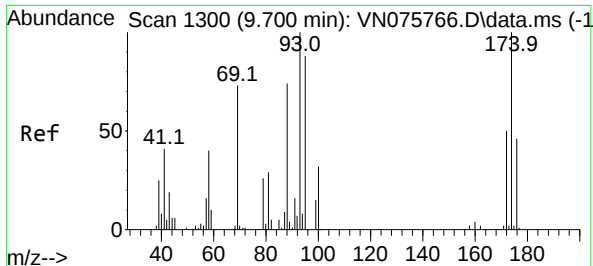
Tgt Ion: 83 Resp: 84448
Ion Ratio Lower Upper
83 100
85 62.6 51.5 77.3
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 23.030 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 41 Resp: 54904
Ion Ratio Lower Upper
41 100
69 102.9 81.9 122.9
39 67.9 51.6 77.4

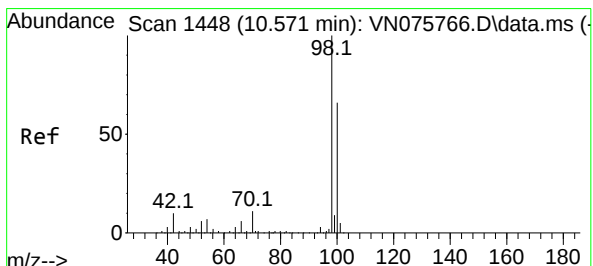
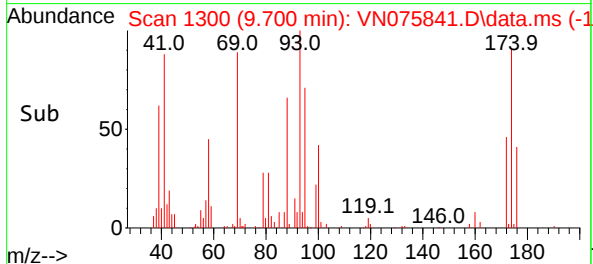
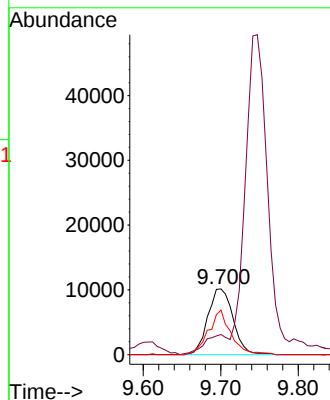
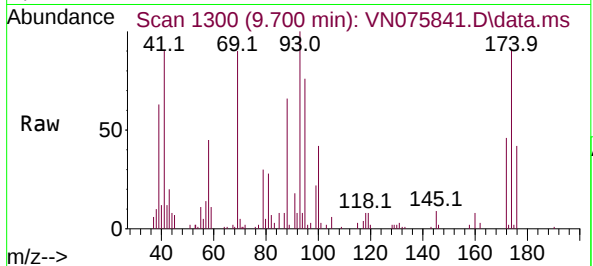




#49
1,4-Dioxane
Concen: 393.322 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

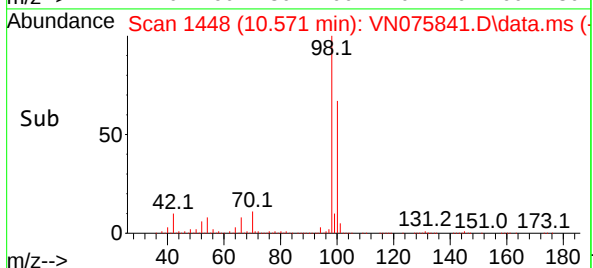
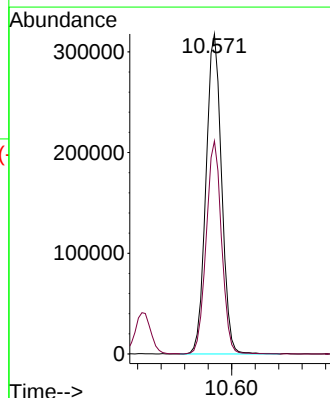
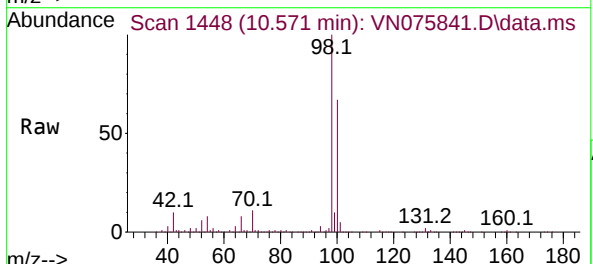
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

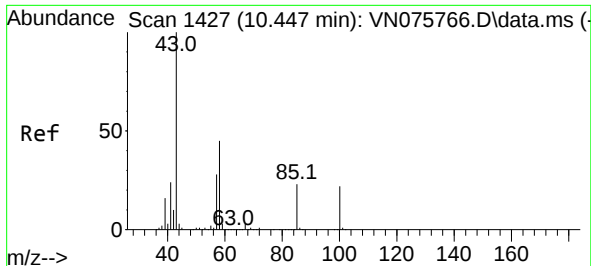
Tgt Ion: 88 Resp: 23052
Ion Ratio Lower Upper
88 100
43 26.2 17.1 25.7#
58 59.9 47.8 71.8



#50
Toluene-d8
Concen: 51.986 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 98 Resp: 584512
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

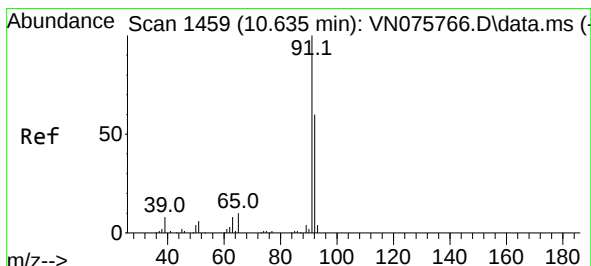
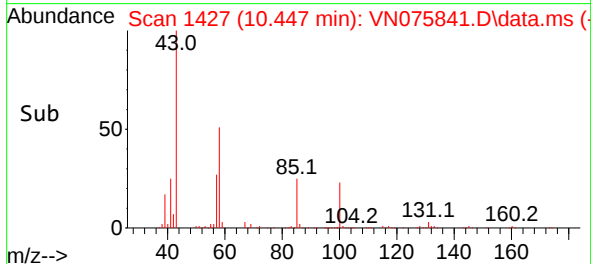
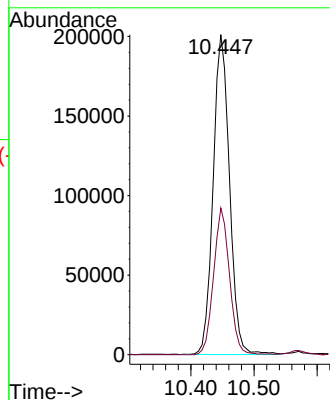
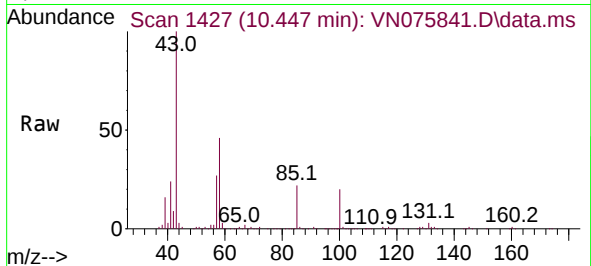




#51
4-Methyl-2-Pentanone
Concen: 113.050 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

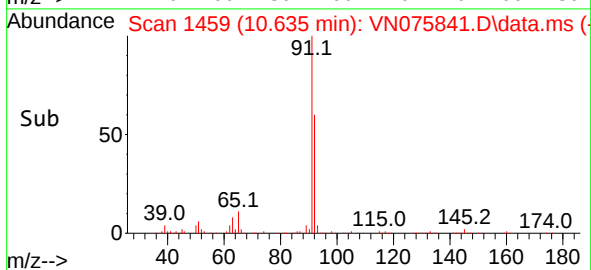
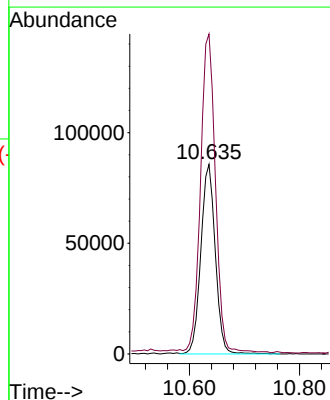
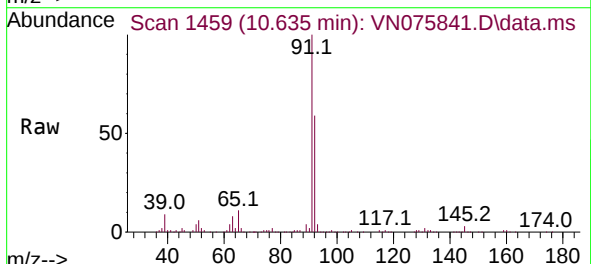
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

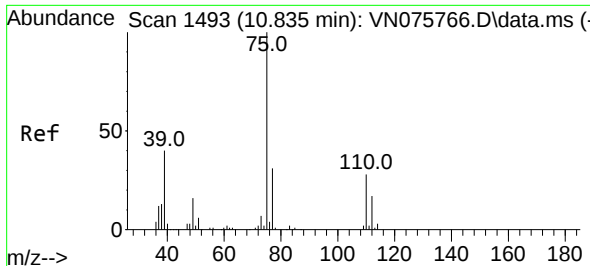
Tgt Ion: 43 Resp: 361880
Ion Ratio Lower Upper
43 100
58 44.7 35.5 53.3



#52
Toluene
Concen: 19.493 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 92 Resp: 156475
Ion Ratio Lower Upper
92 100
91 172.9 137.3 205.9

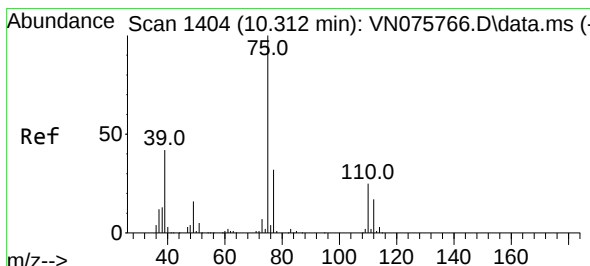
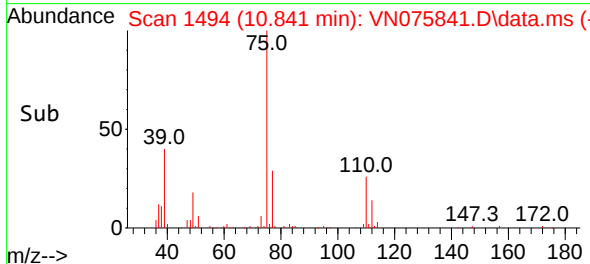
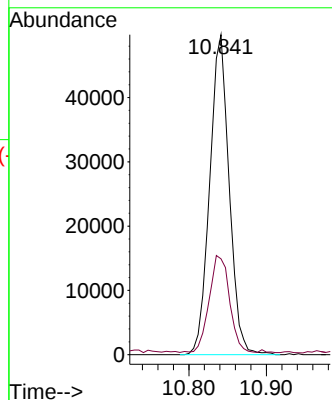
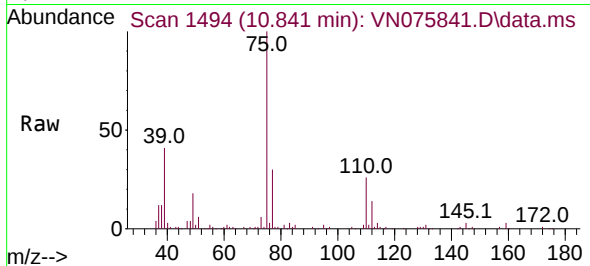




#53
 t-1,3-Dichloropropene
 Concen: 20.331 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

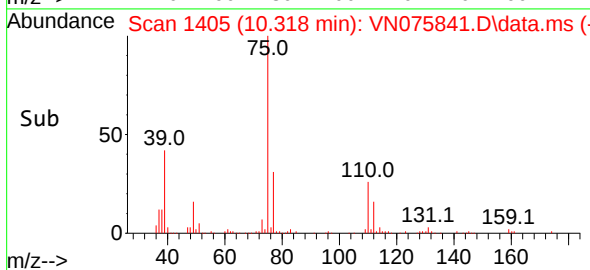
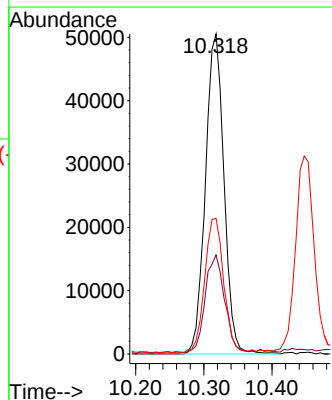
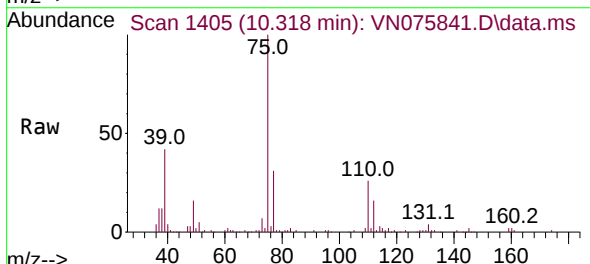
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

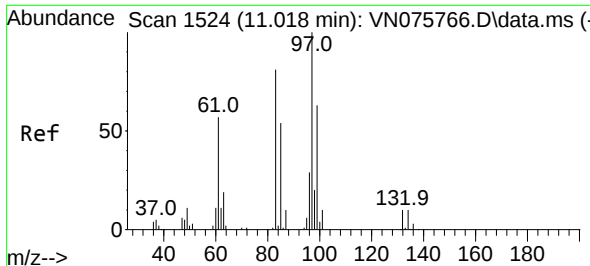
Tgt Ion: 75 Resp: 86822
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.446 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion: 75 Resp: 95864
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 39 41.8 33.4 50.2

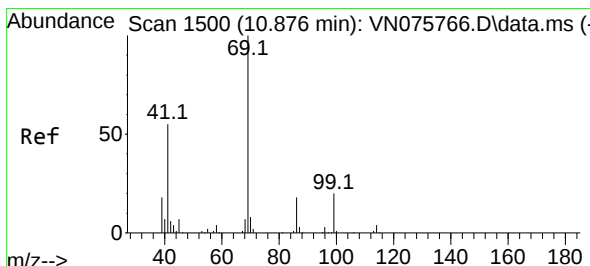
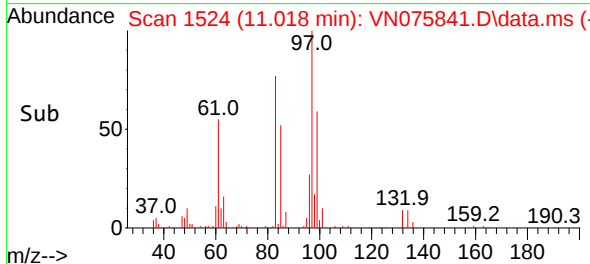
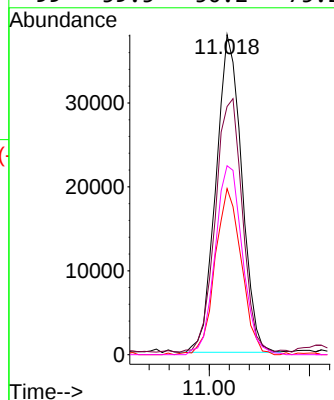
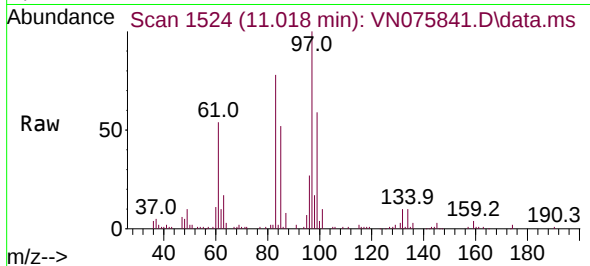




#55
1,1,2-Trichloroethane
Concen: 21.419 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

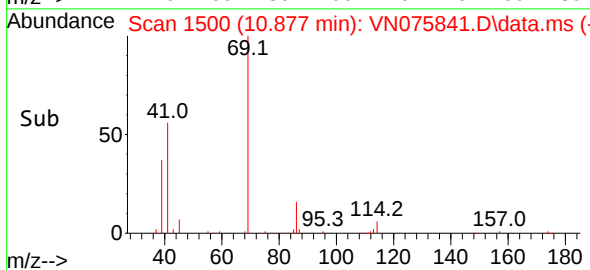
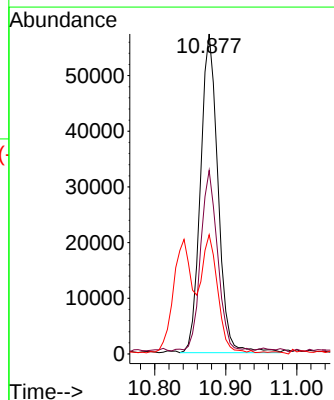
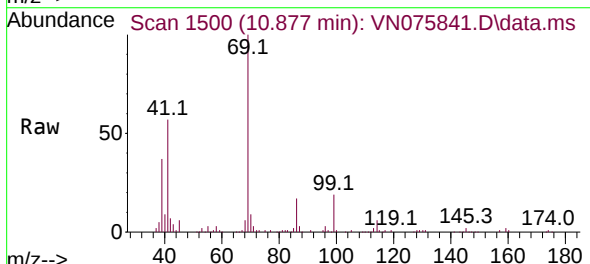
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

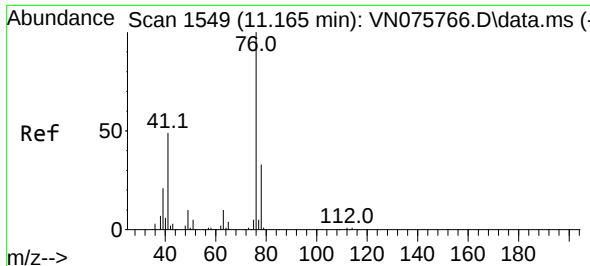
Tgt Ion: 97	Resp: 67484
Ion Ratio	Lower Upper
97 100	
83 77.3	65.0 97.4
85 52.3	43.0 64.6
99 59.5	50.2 75.2



#56
Ethyl methacrylate
Concen: 23.479 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 69	Resp: 98258
Ion Ratio	Lower Upper
69 100	
41 55.0	44.2 66.4
39 33.2	26.4 39.6





#57

1,3-Dichloropropane

Concen: 21.038 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

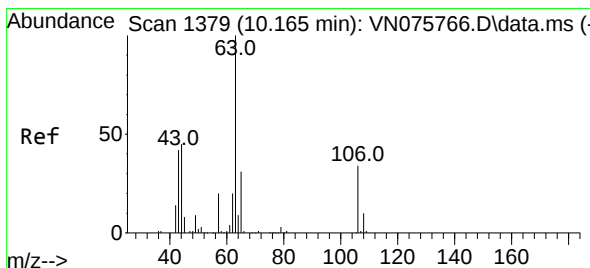
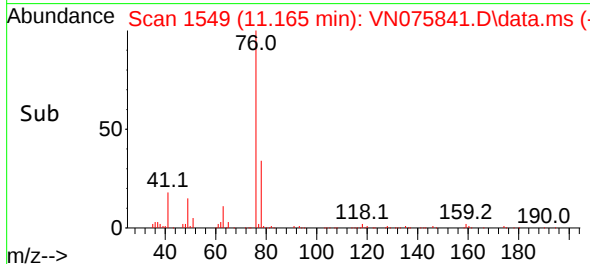
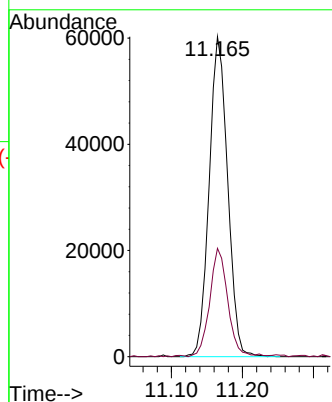
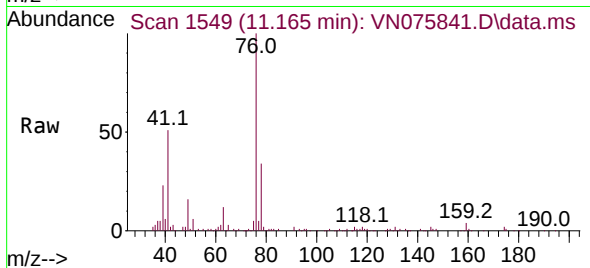
VN1216MBS01

Tgt Ion: 76 Resp: 108725

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 131.506 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075841.D

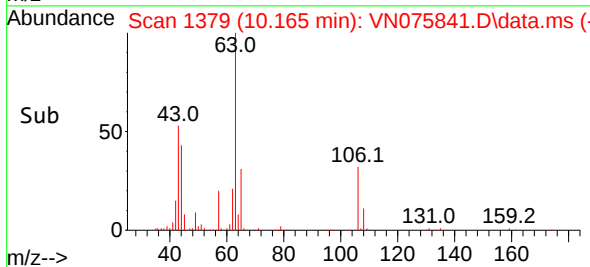
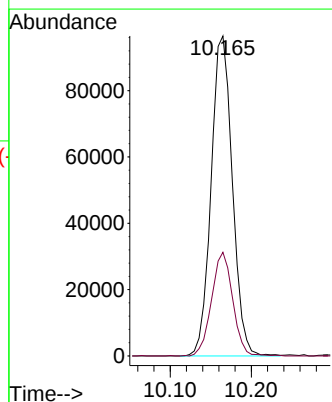
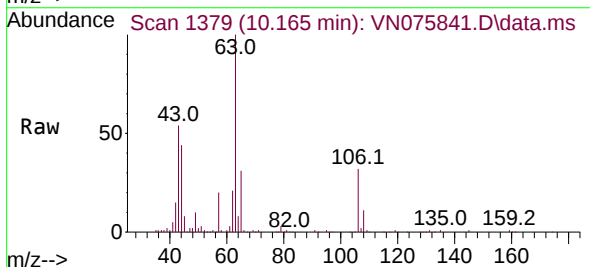
Acq: 16 Dec 2022 12:37

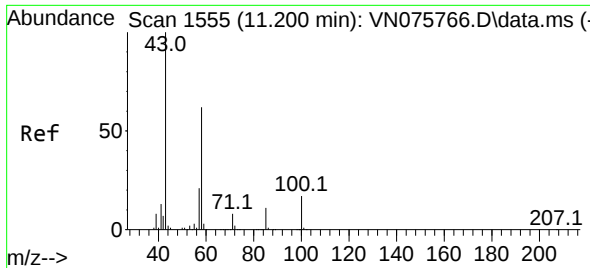
Tgt Ion: 63 Resp: 175221

Ion Ratio Lower Upper

63 100

106 32.3 26.4 39.6

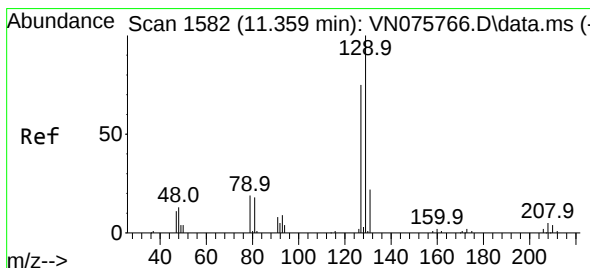
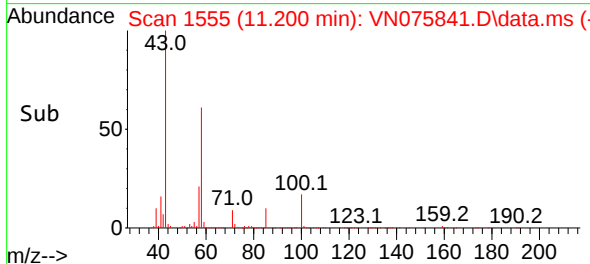
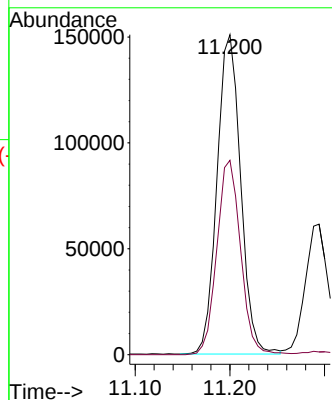
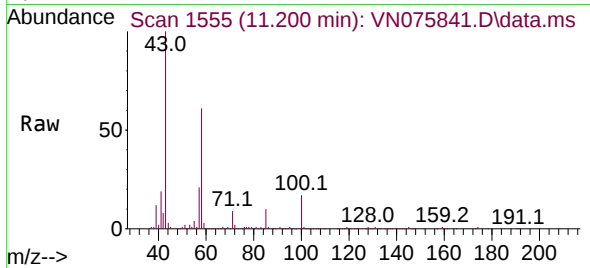




#59
2-Hexanone
Concen: 112.179 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

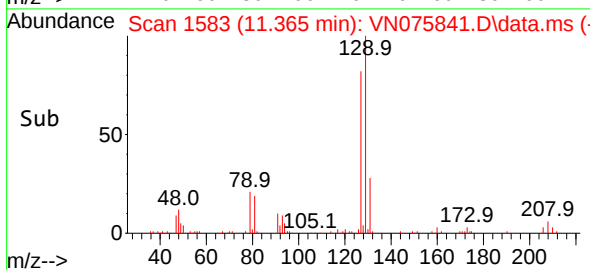
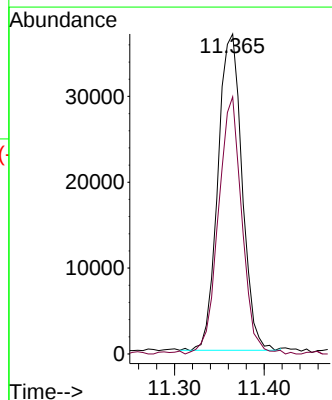
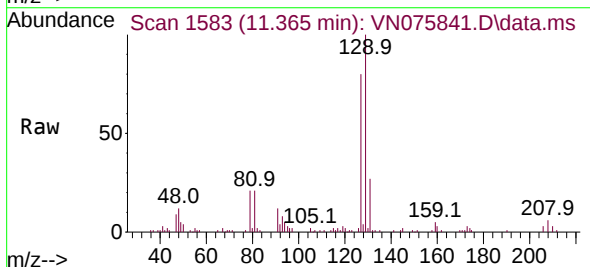
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

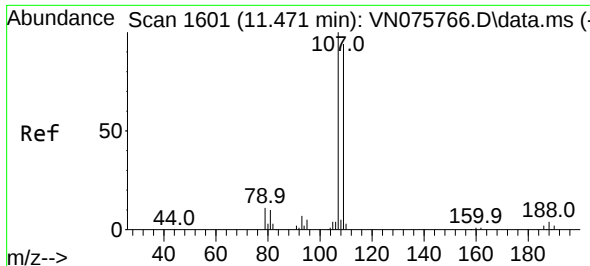
Tgt Ion: 43 Resp: 261873
Ion Ratio Lower Upper
43 100
58 61.1 30.6 92.0



#60
Dibromochloromethane
Concen: 19.648 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 129 Resp: 68844
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.9

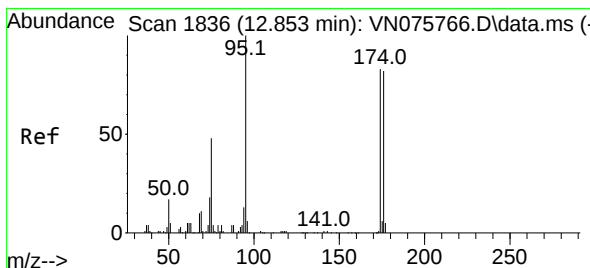
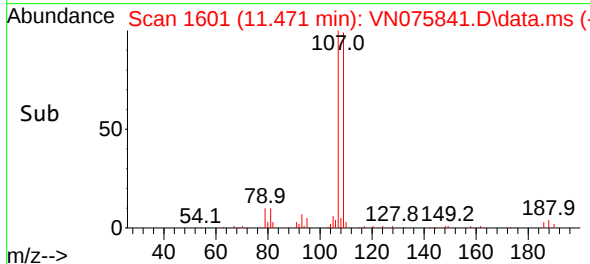
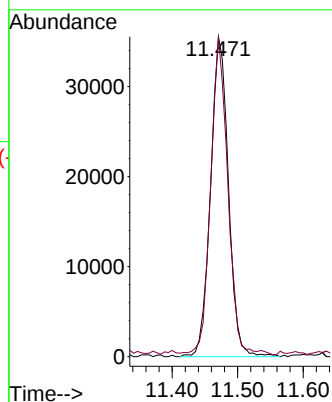
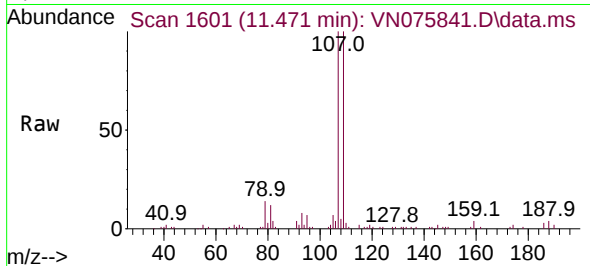




#61
1,2-Dibromoethane
Concen: 21.053 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

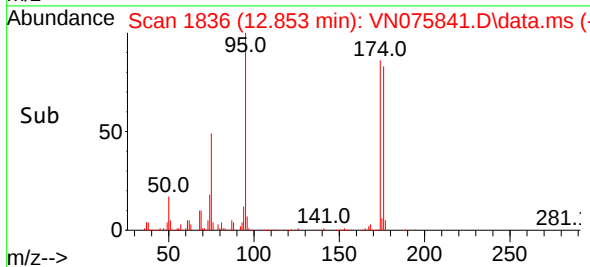
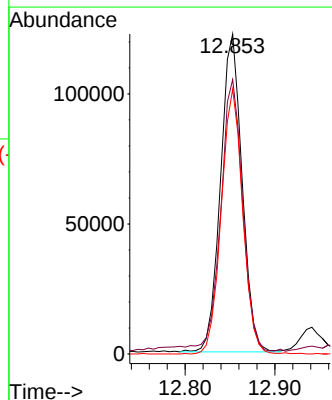
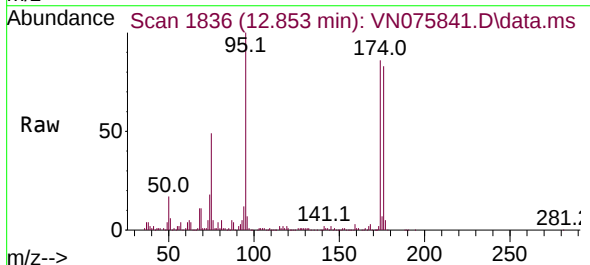
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

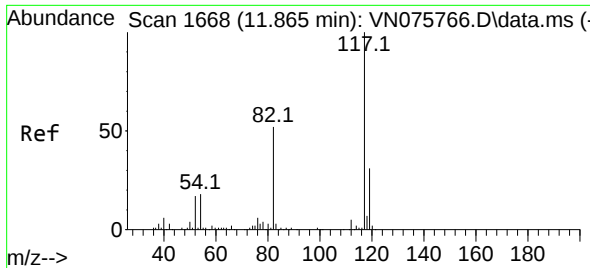
Tgt Ion:107 Resp: 67127
Ion Ratio Lower Upper
107 100
109 96.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 54.652 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 95 Resp: 203524
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 82.9 0.0 169.2

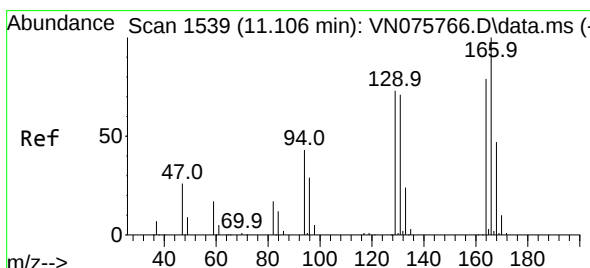
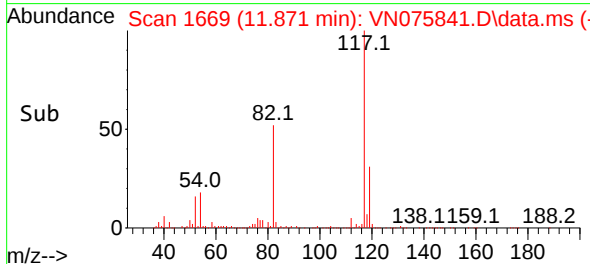
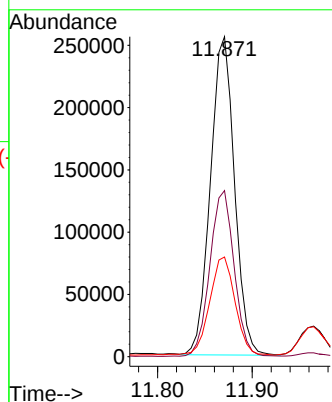
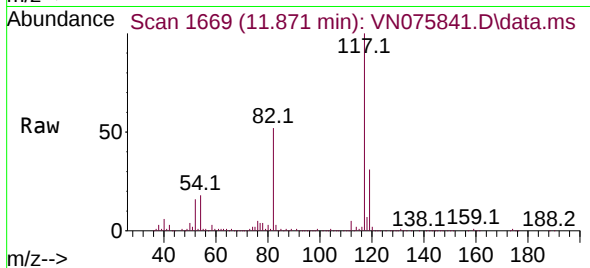




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

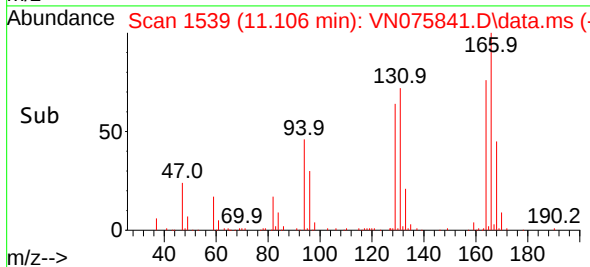
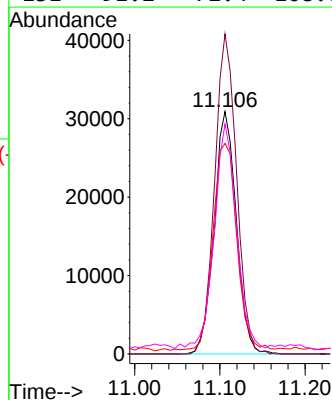
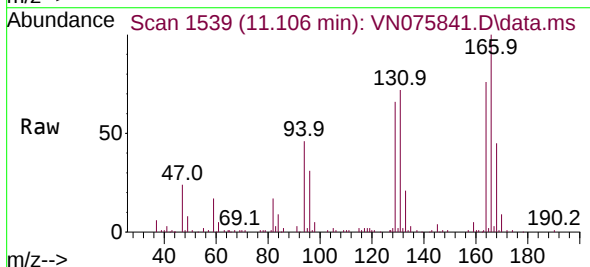
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

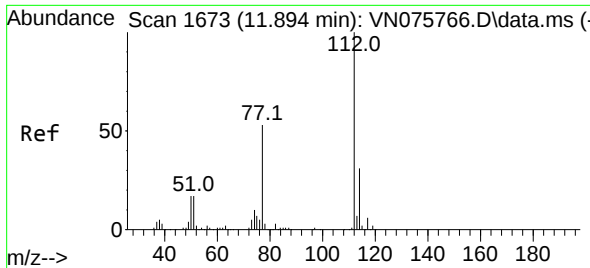
Tgt Ion:117 Resp: 451593
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 30.6 24.6 37.0



#64
Tetrachloroethene
Concen: 17.566 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:164 Resp: 55821
Ion Ratio Lower Upper
164 100
166 132.0 101.9 152.9
129 85.2 74.2 111.2
131 91.2 72.4 108.6

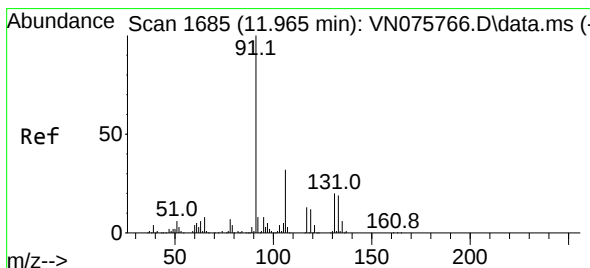
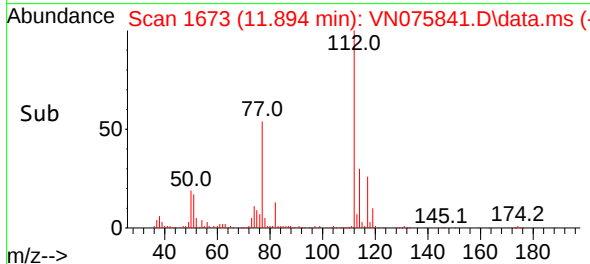
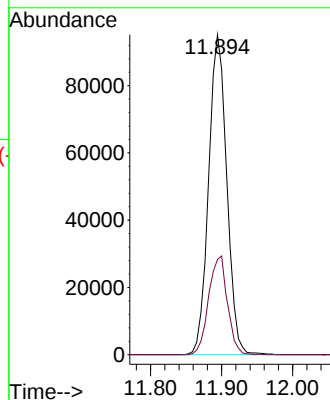
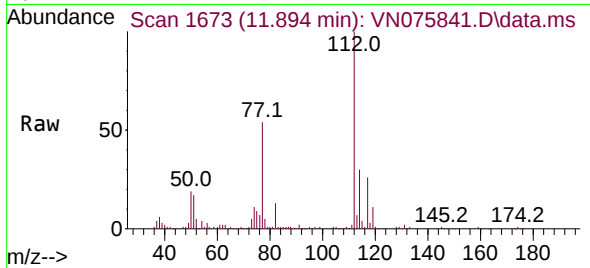




#65
Chlorobenzene
Concen: 18.250 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

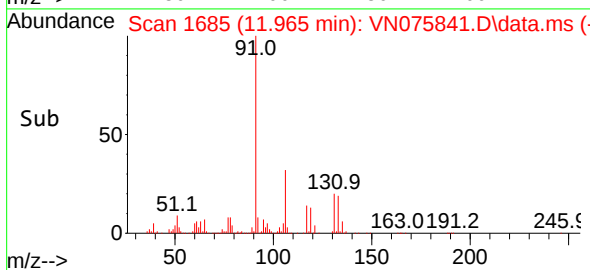
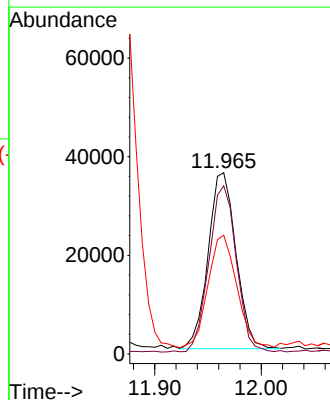
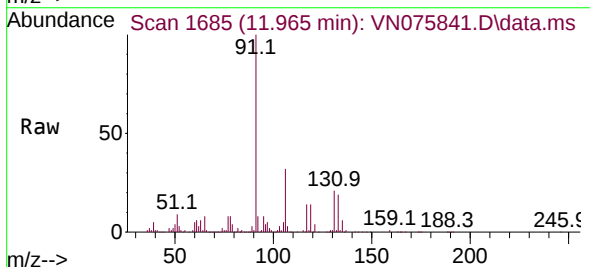
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

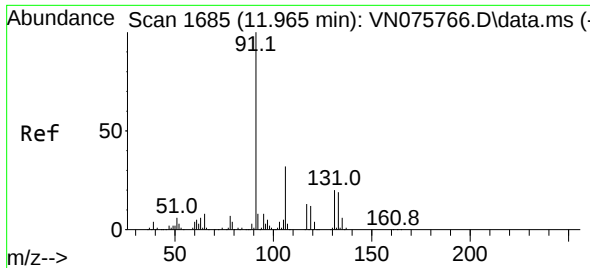
Tgt Ion:112 Resp: 169161
Ion Ratio Lower Upper
112 100
114 29.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.913 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:131 Resp: 64932
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.5
119 65.7 31.9 95.7

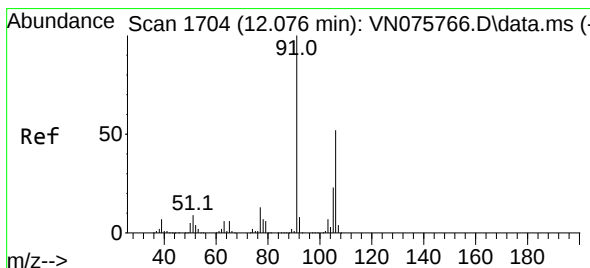
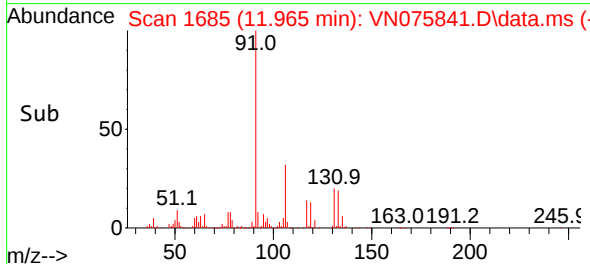
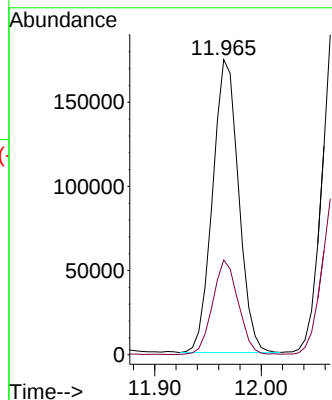
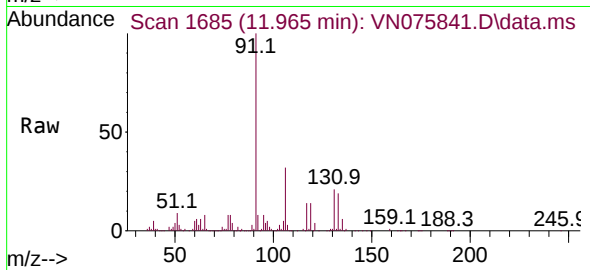




#67
Ethyl Benzene
Concen: 18.863 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

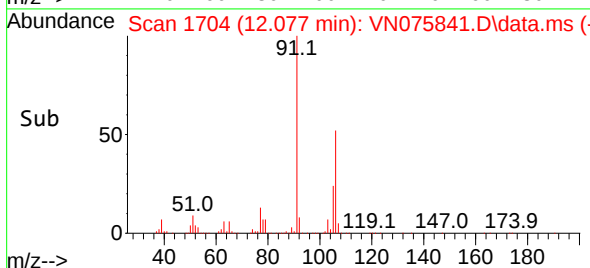
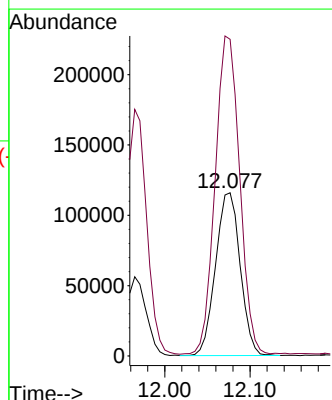
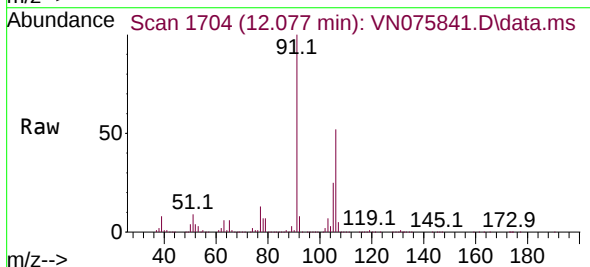
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

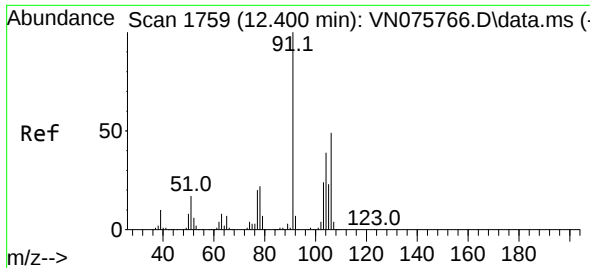
Tgt Ion: 91 Resp: 295081
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 37.506 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 106 Resp: 232222
Ion Ratio Lower Upper
106 100
91 194.2 156.6 235.0

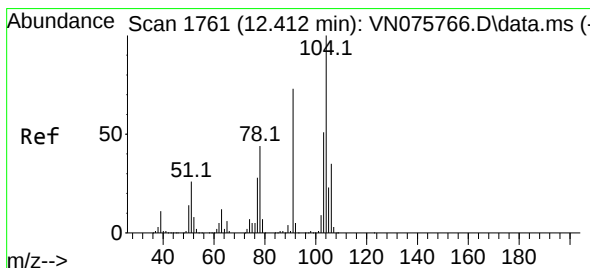
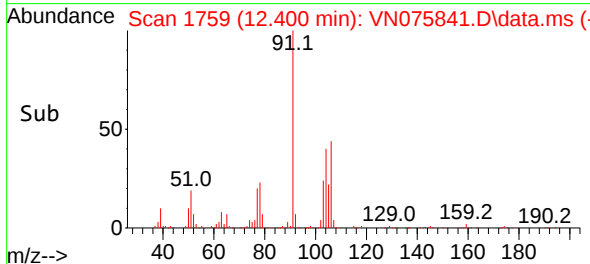
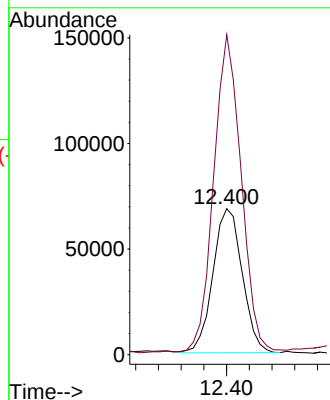
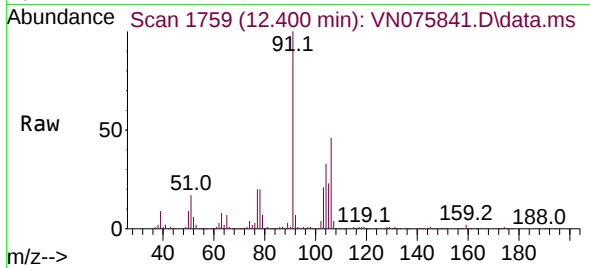




#69
o-Xylene
Concen: 19.949 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

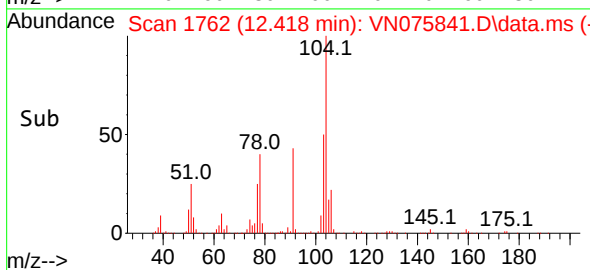
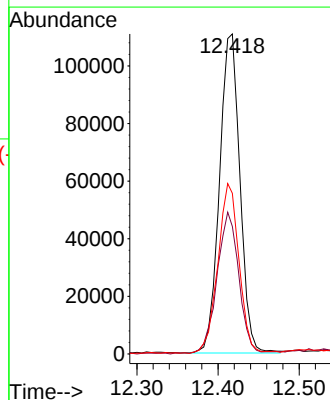
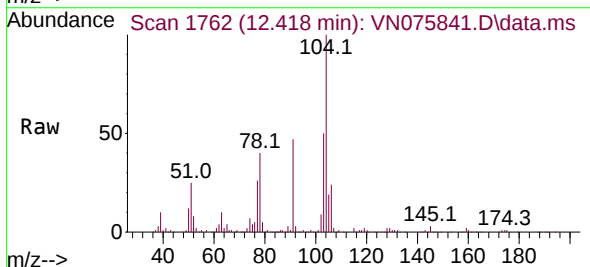
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

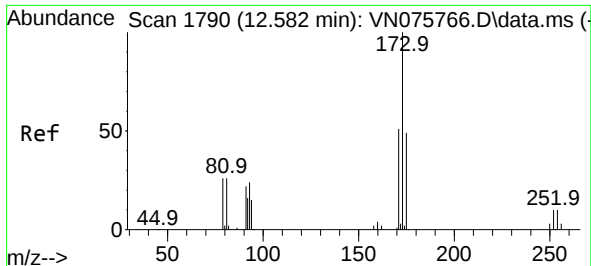
Tgt Ion:106 Resp: 122235
Ion Ratio Lower Upper
106 100
91 208.8 103.8 311.6



#70
Styrene
Concen: 19.932 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:104 Resp: 194187
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 55.0 43.5 65.3

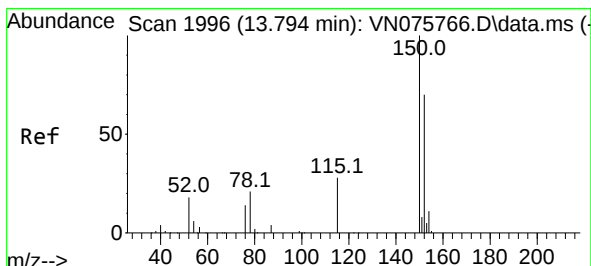
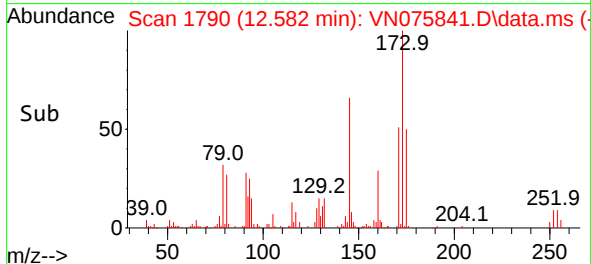
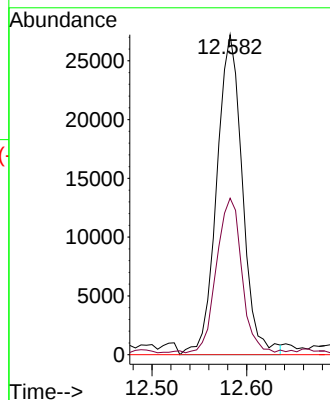
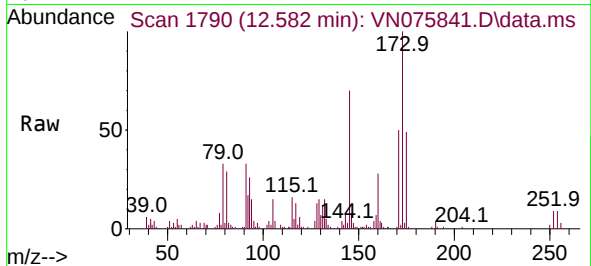




#71
Bromoform
Concen: 20.562 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

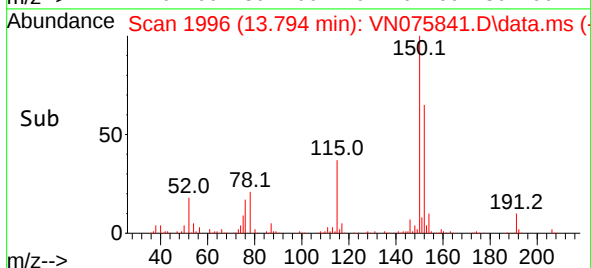
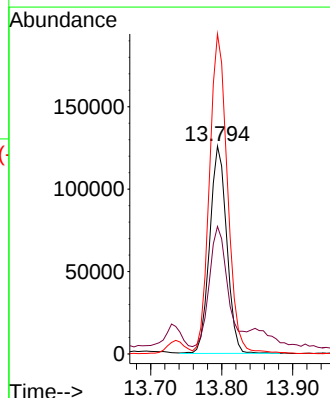
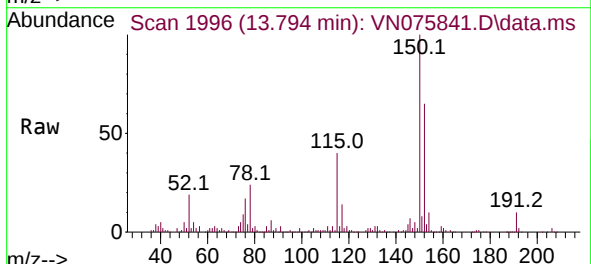
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

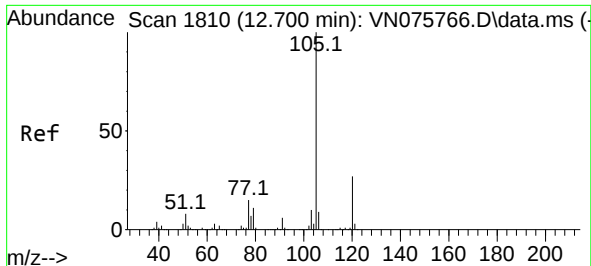
Tgt Ion:173 Resp: 51366
Ion Ratio Lower Upper
173 100
175 47.2 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:152 Resp: 209545
Ion Ratio Lower Upper
152 100
115 63.3 29.1 87.4
150 162.9 0.0 347.0

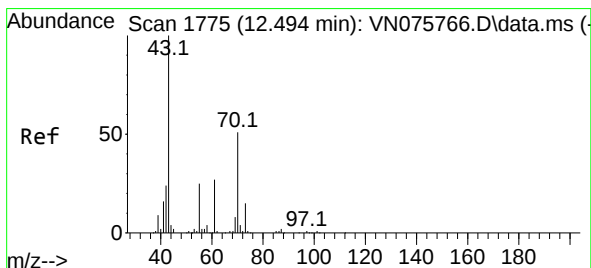
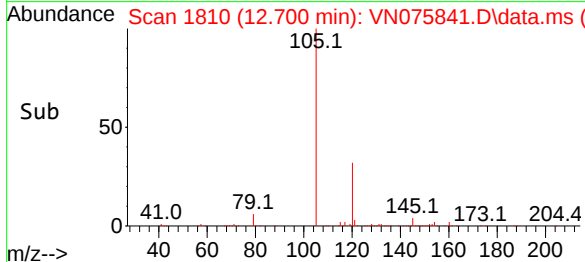
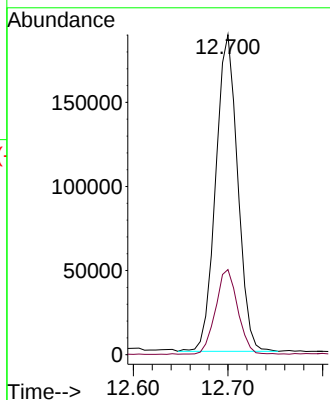
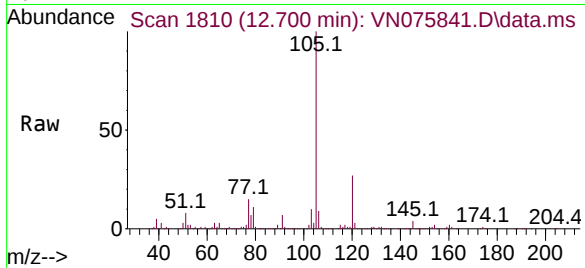




#73
Isopropylbenzene
Concen: 20.040 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

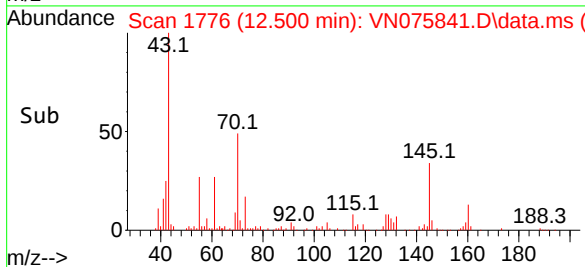
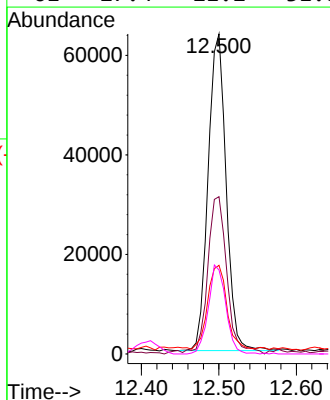
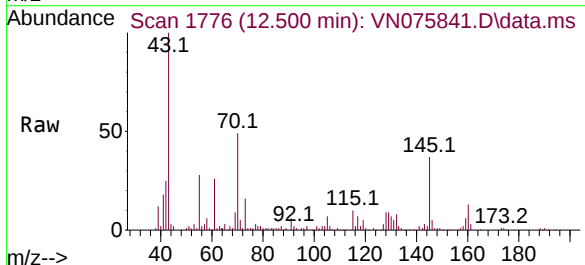
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

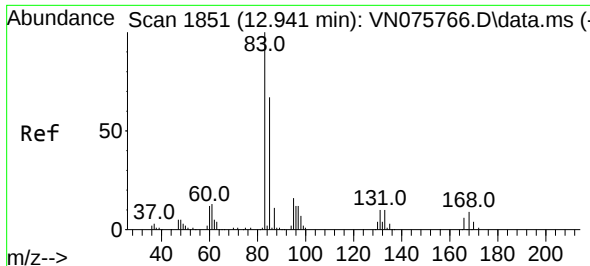
Tgt Ion:105 Resp: 303459
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 23.091 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 43 Resp: 102578
Ion Ratio Lower Upper
43 100
70 53.0 41.4 62.0
55 28.6 21.3 31.9
61 27.4 21.2 31.8

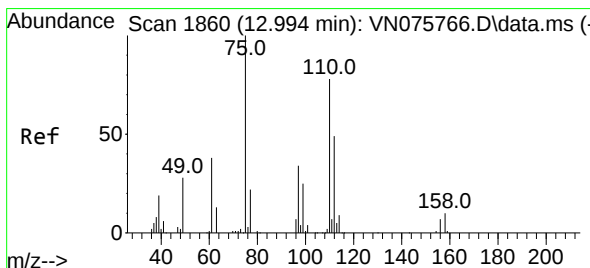
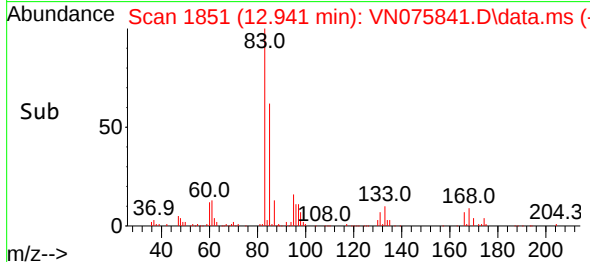
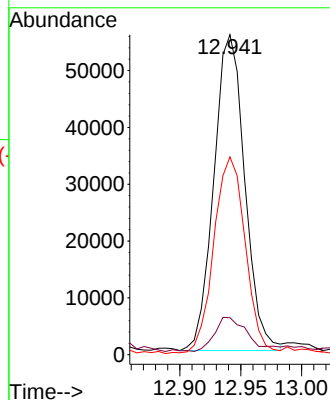
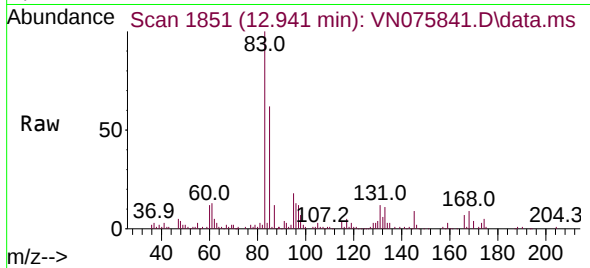




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.952 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

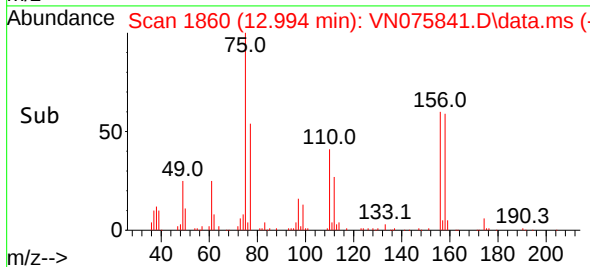
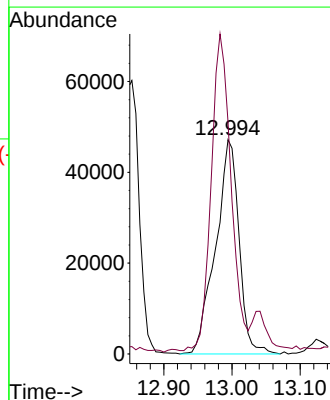
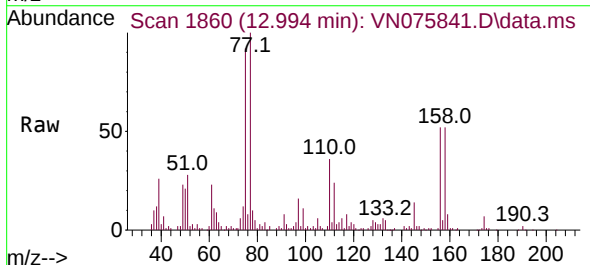
Instrument :
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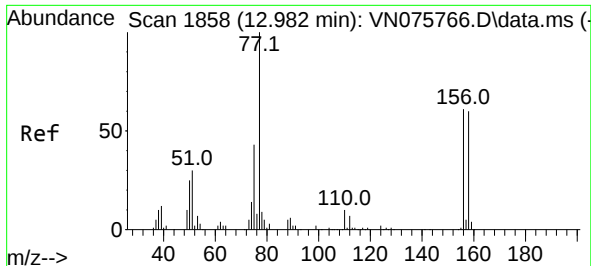
Tgt Ion: 83 Resp: 98080
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 62.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 26.677 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion: 75 Resp: 112683
 Ion Ratio Lower Upper
 75 100
 77 125.6 82.6 247.8

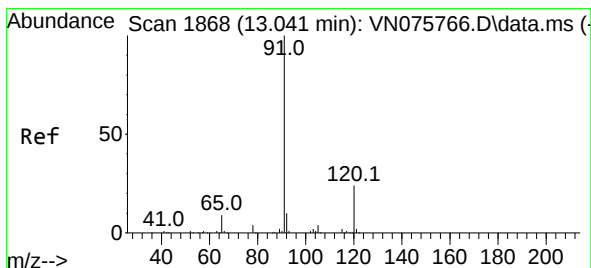
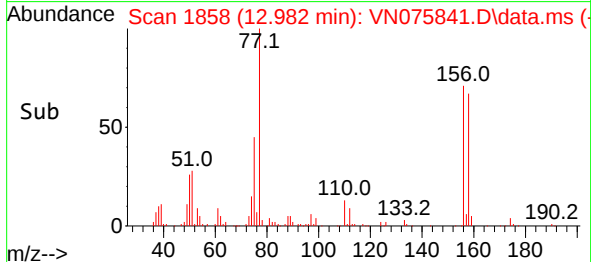
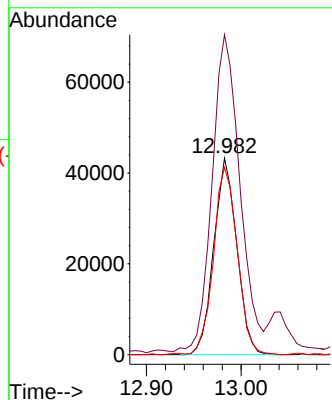
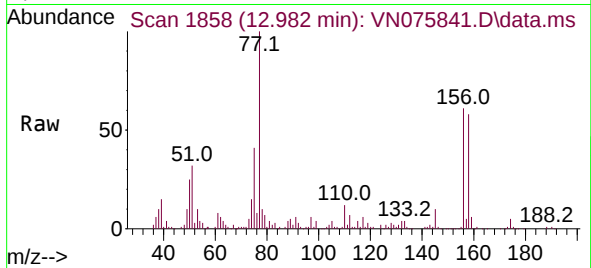




#77
Bromobenzene
Concen: 19.114 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

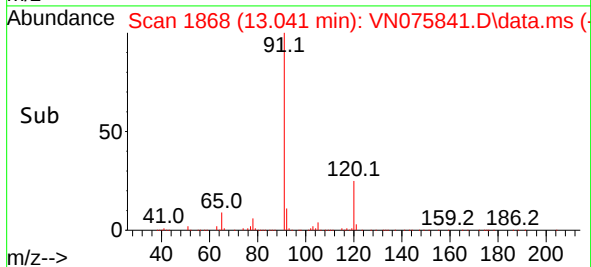
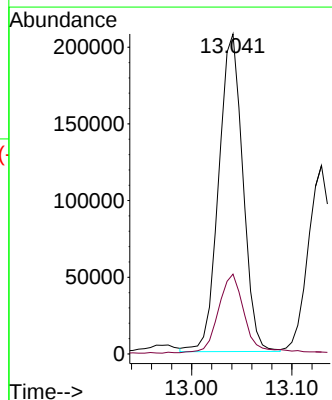
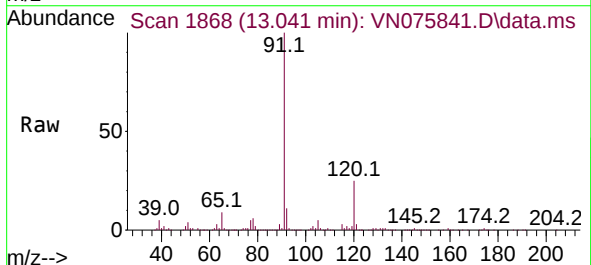
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

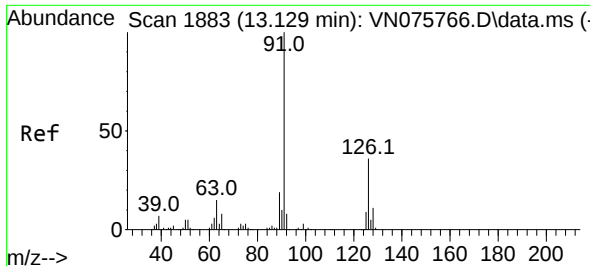
Tgt Ion:156 Resp: 73248
Ion Ratio Lower Upper
156 100
77 193.1 93.8 281.3
158 98.3 48.9 146.6



#78
n-propylbenzene
Concen: 20.745 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 91 Resp: 346471
Ion Ratio Lower Upper
91 100
120 27.5 12.0 36.1

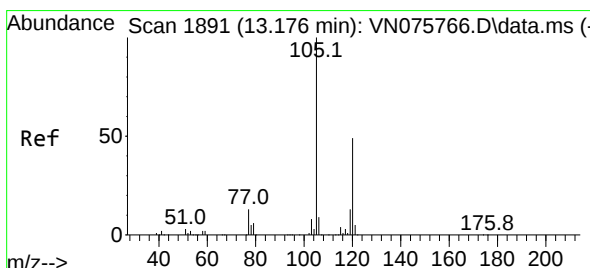
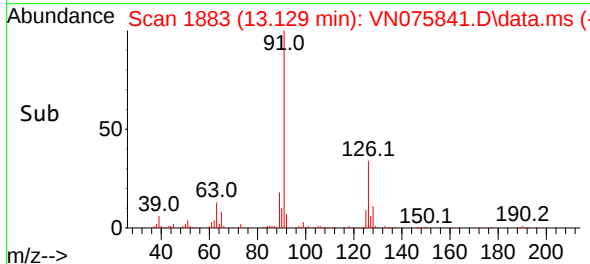
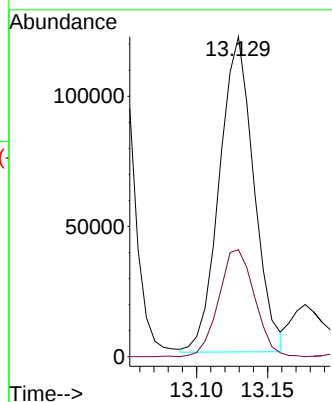
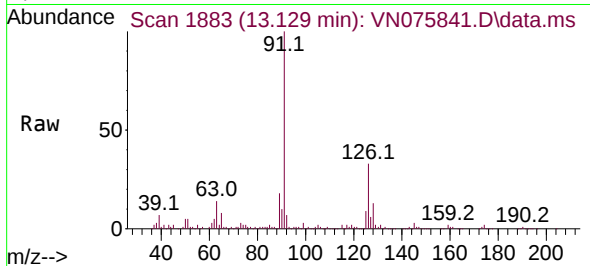




#79
2-Chlorotoluene
Concen: 19.591 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

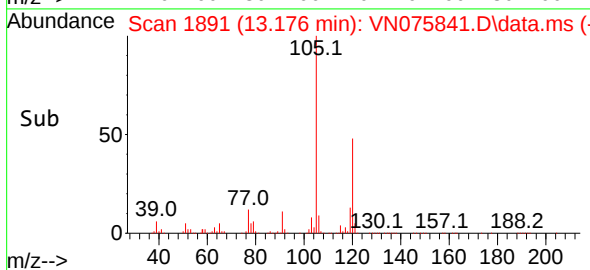
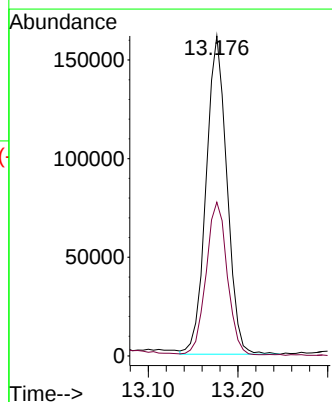
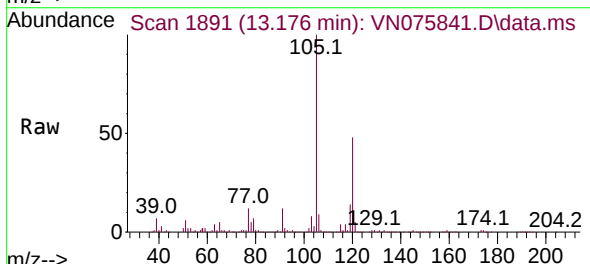
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

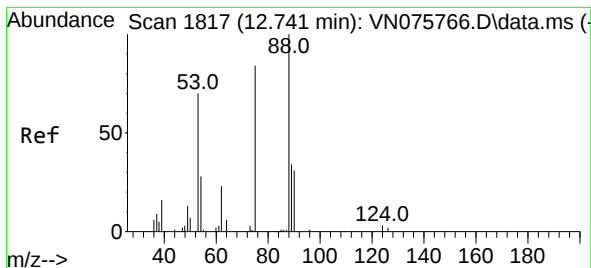
Tgt Ion: 91 Resp: 204246
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.469 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 105 Resp: 259411
Ion Ratio Lower Upper
105 100
120 48.6 24.7 74.1

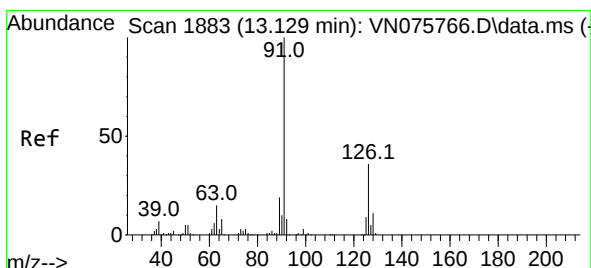
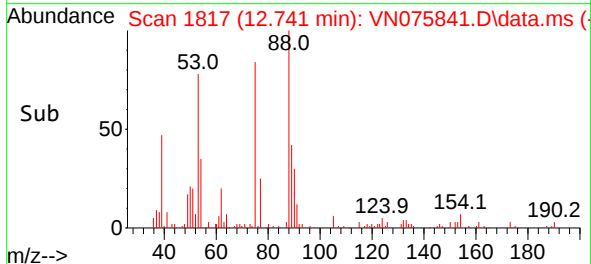
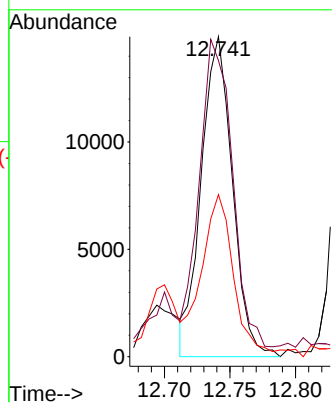
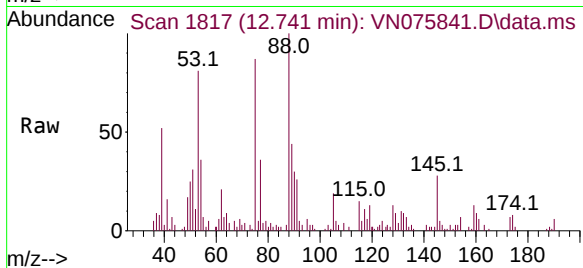




#81
trans-1,4-Dichloro-2-butene
Concen: 20.977 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

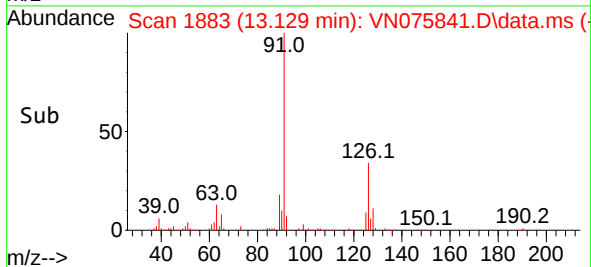
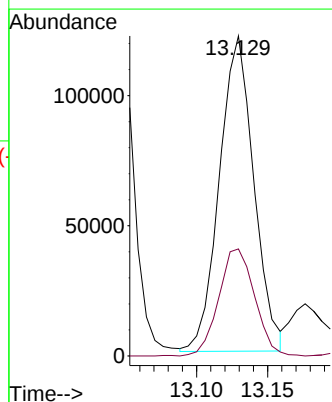
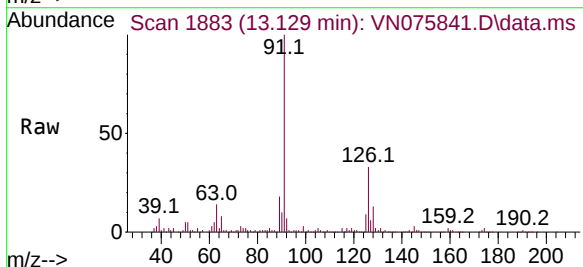
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

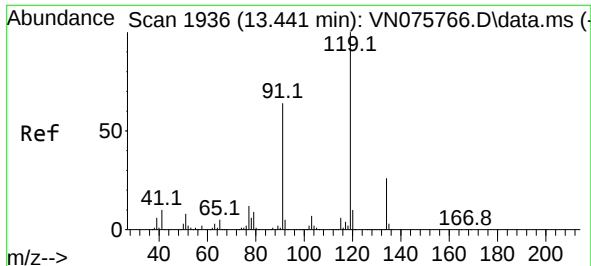
Tgt Ion: 75 Resp: 24616
Ion Ratio Lower Upper
75 100
53 101.6 73.8 110.6
89 53.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.591 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 91 Resp: 204246
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

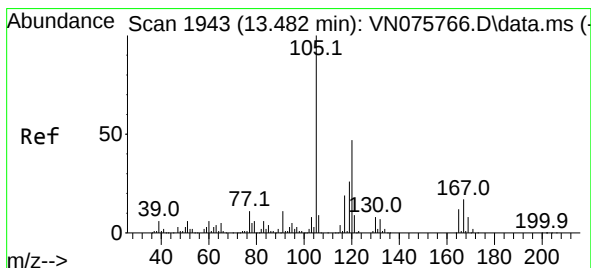
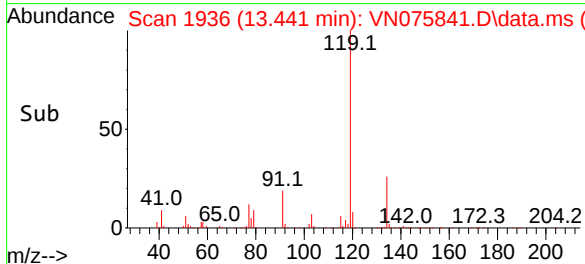
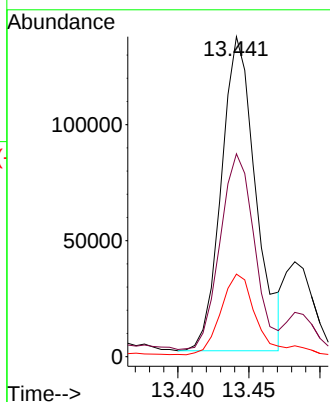
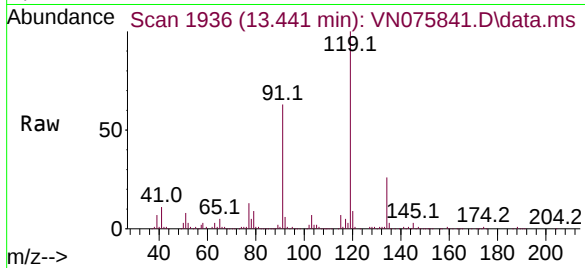




#83
 tert-Butylbenzene
 Concen: 20.331 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

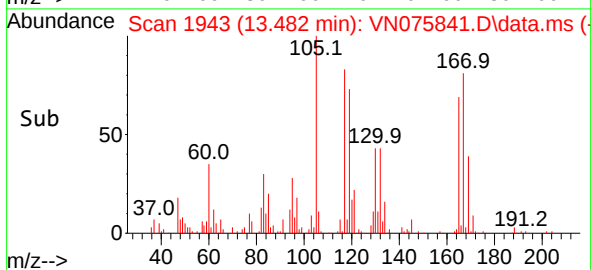
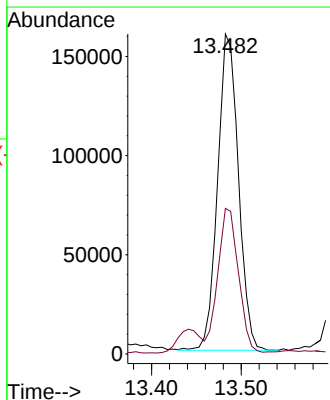
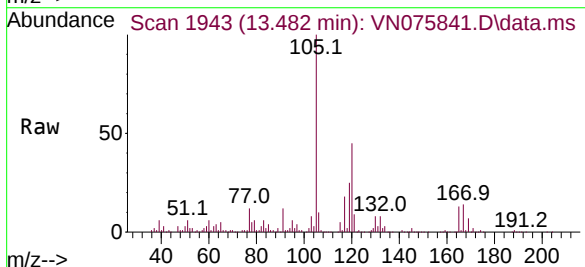
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

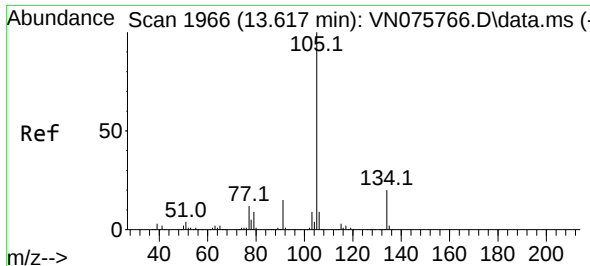
Tgt Ion:119 Resp: 227183
 Ion Ratio Lower Upper
 119 100
 91 62.2 31.9 95.5
 134 29.2 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.442 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion:105 Resp: 257014
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.3 69.8

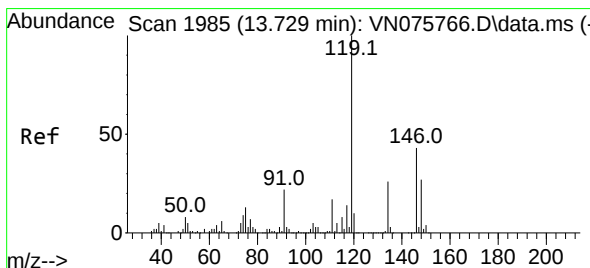
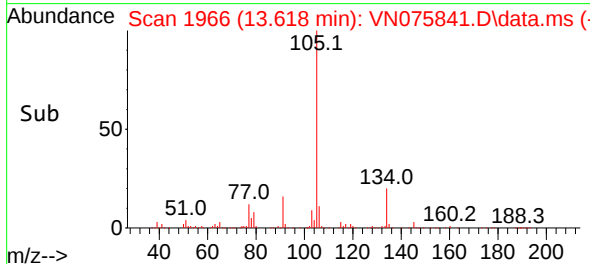
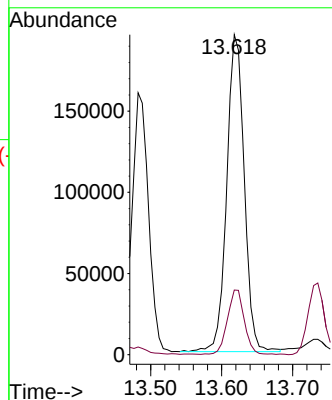
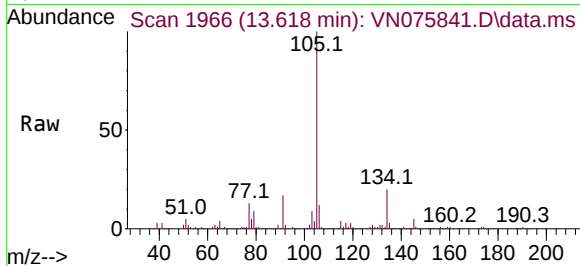




#85
 sec-Butylbenzene
 Concen: 21.670 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

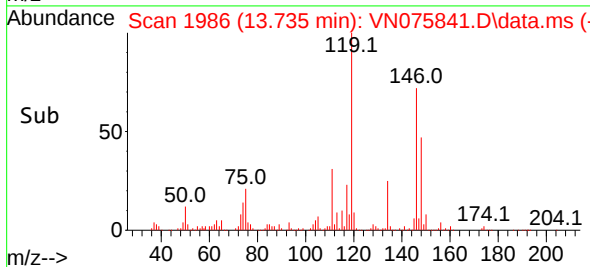
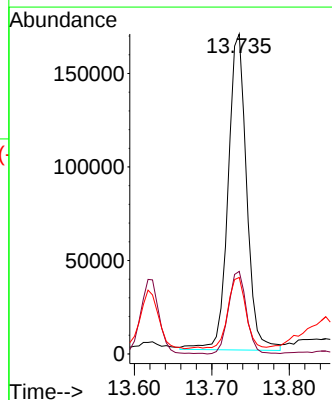
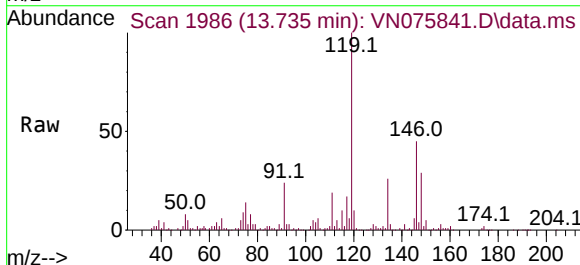
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

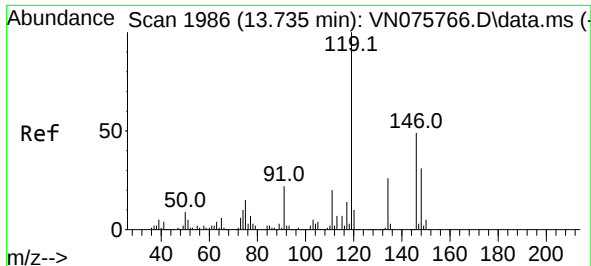
Tgt Ion:105 Resp: 334210
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.974 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion:119 Resp: 281992
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 21.2 11.2 33.6

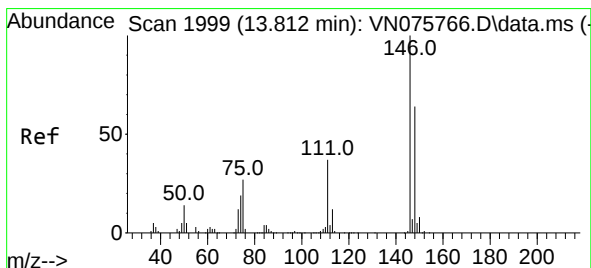
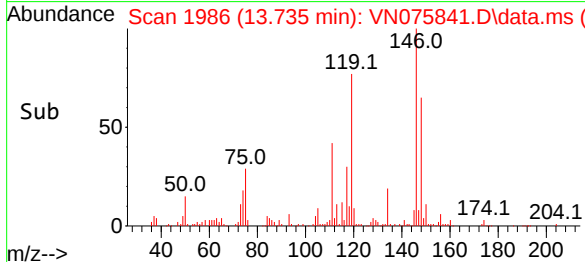
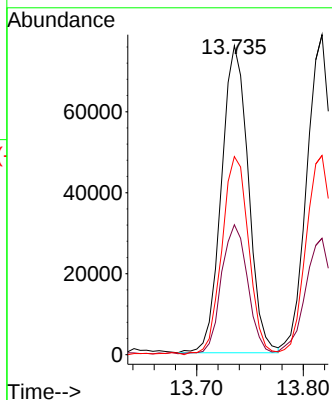
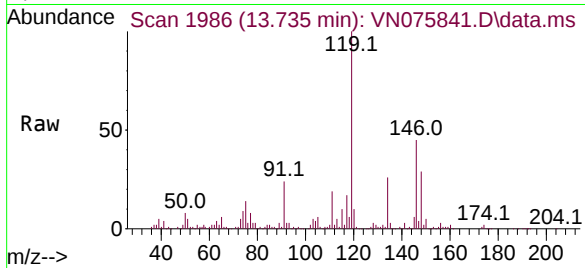




#87
1,3-Dichlorobenzene
Concen: 18.817 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

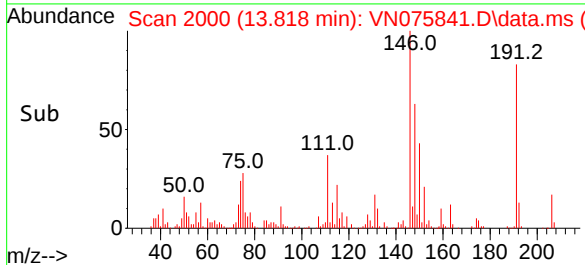
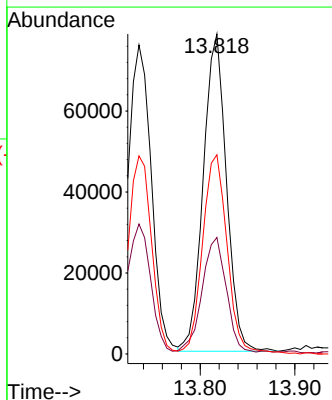
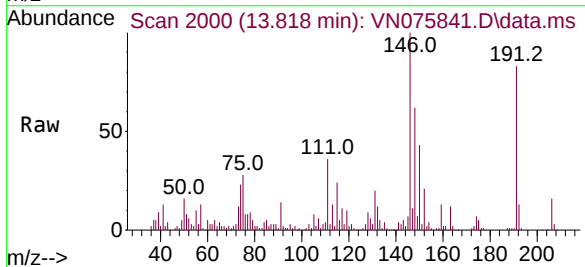
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

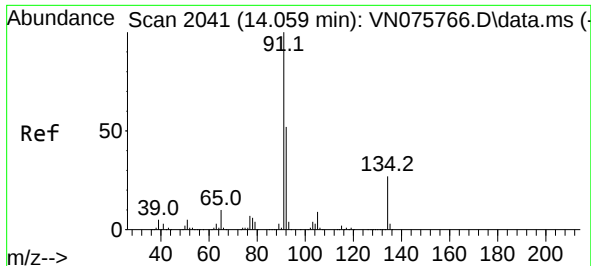
Tgt Ion:146 Resp: 133204
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 64.3 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 18.411 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:146 Resp: 133142
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 67.1 32.0 96.2

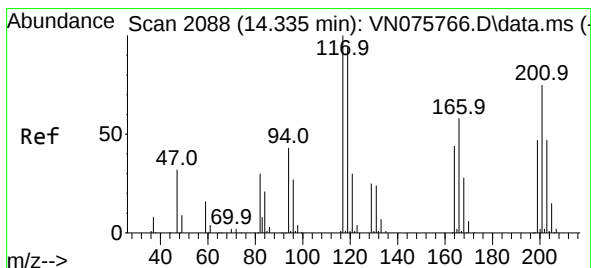
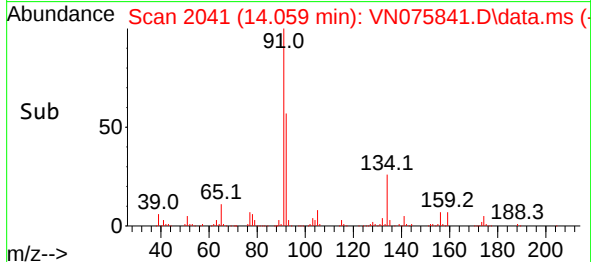
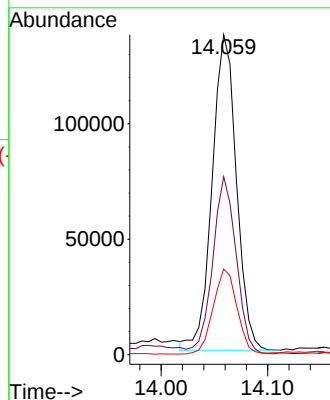
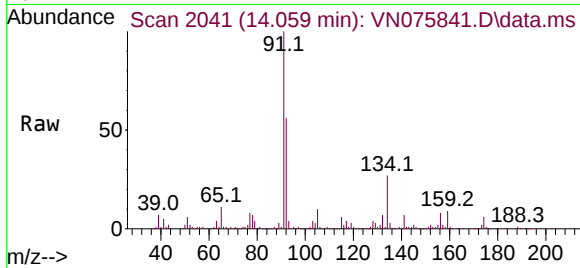




#89
n-Butylbenzene
Concen: 20.831 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

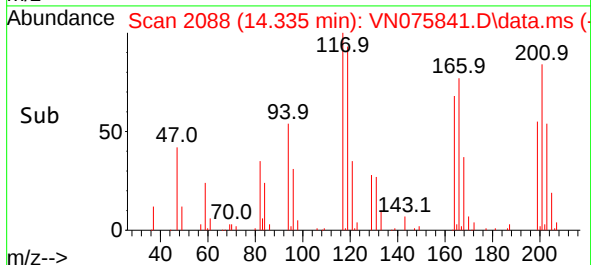
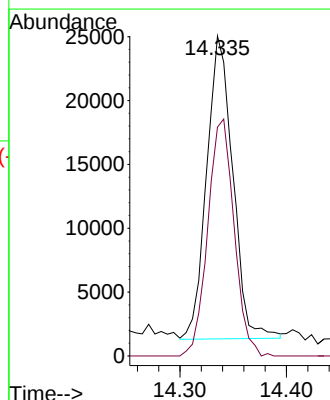
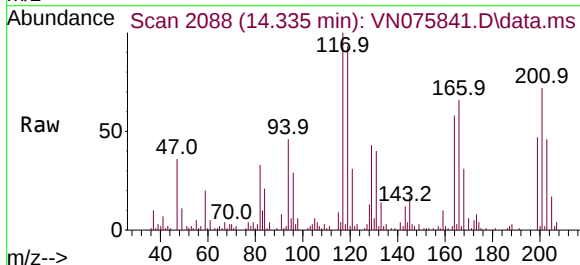
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

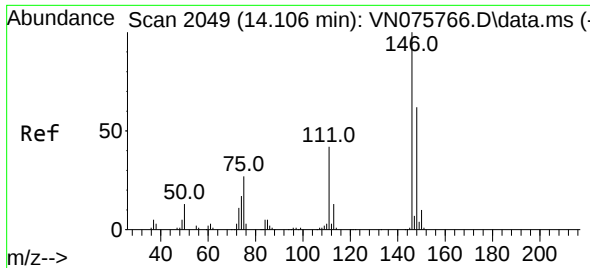
Tgt Ion: 91 Resp: 216565
Ion Ratio Lower Upper
91 100
92 54.1 26.4 79.2
134 26.3 13.4 40.2



#90
Hexachloroethane
Concen: 17.627 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 117 Resp: 40465
Ion Ratio Lower Upper
117 100
201 78.6 38.0 114.1

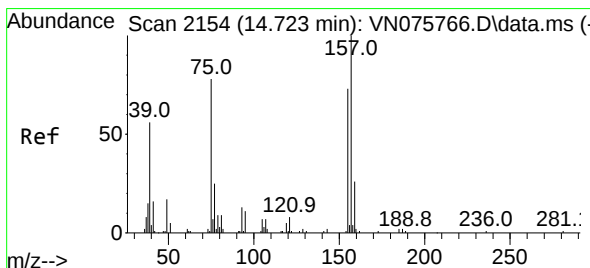
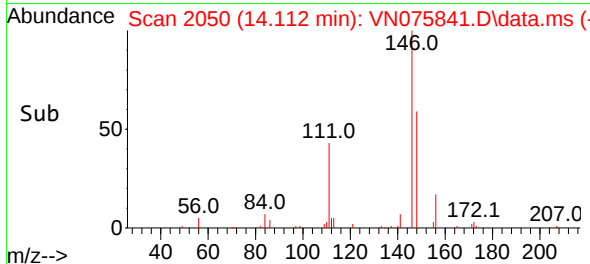
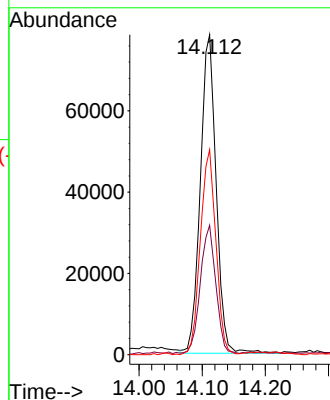
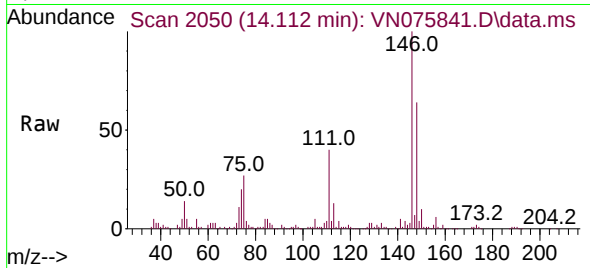




#91
 1,2-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 14.112 min Scan# 2049
 Delta R.T. 0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

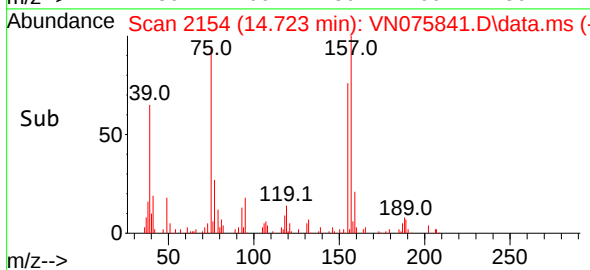
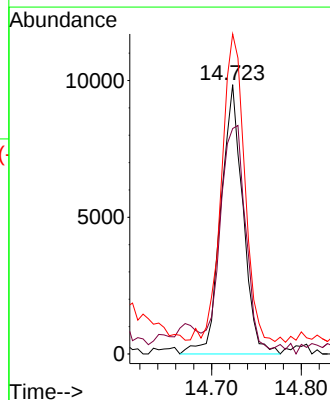
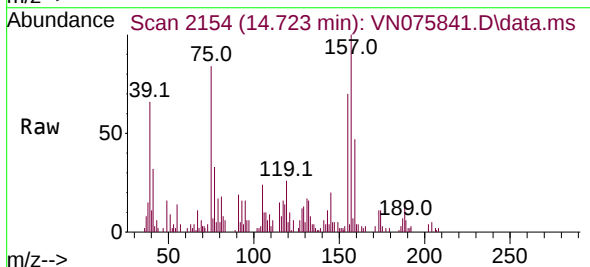
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

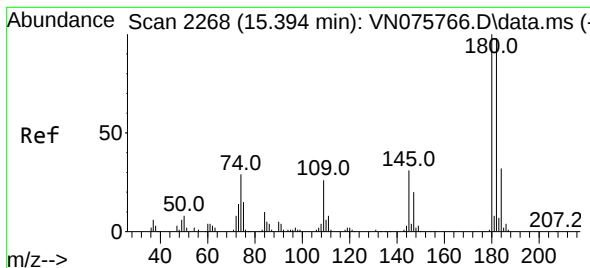
Tgt Ion:146 Resp: 136707
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 61.0
 148 63.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.372 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

Tgt Ion: 75 Resp: 16922
 Ion Ratio Lower Upper
 75 100
 155 92.7 49.3 147.8
 157 118.0 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.410 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

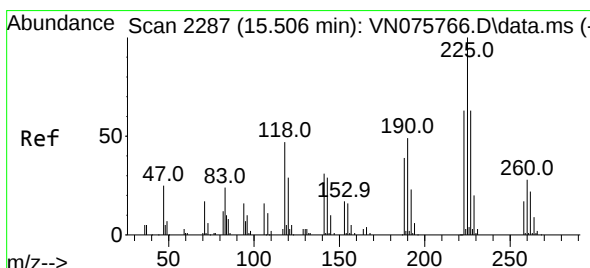
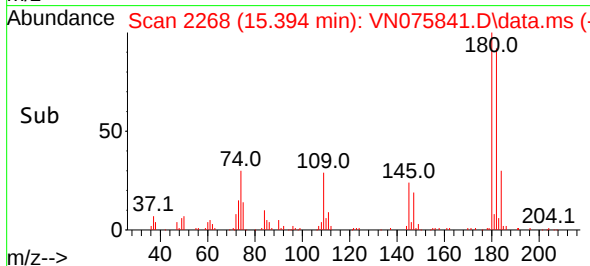
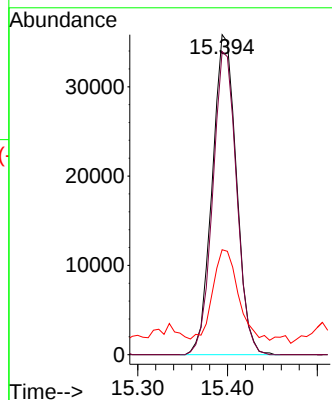
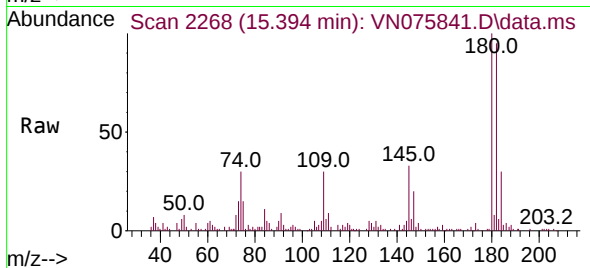
Tgt Ion:180 Resp: 67003

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 32.3 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.176 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

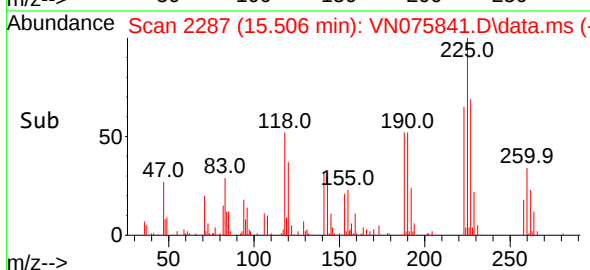
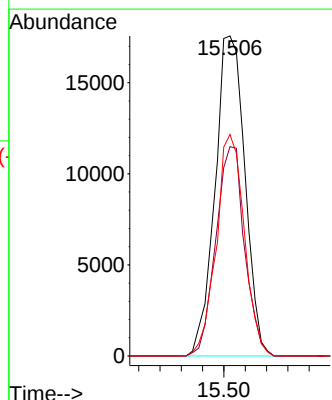
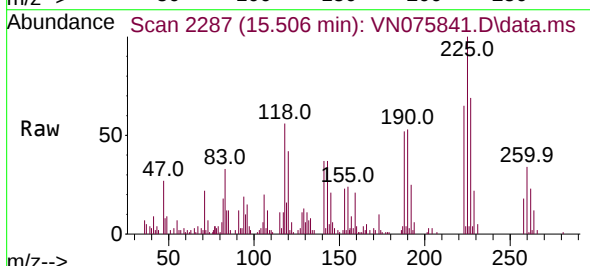
Tgt Ion:225 Resp: 34232

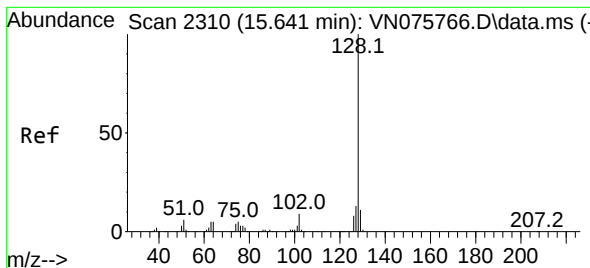
Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

227 64.7 31.6 95.0





#95

Naphthalene

Concen: 21.530 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

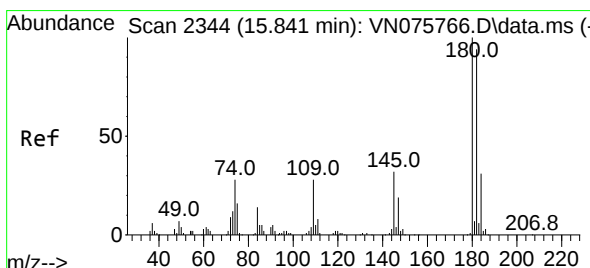
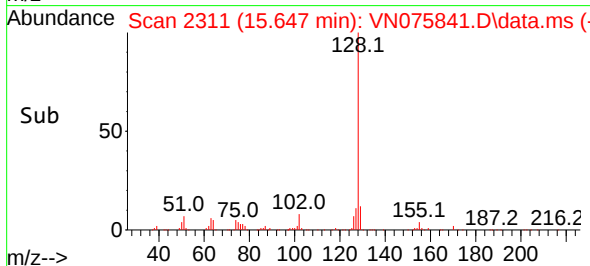
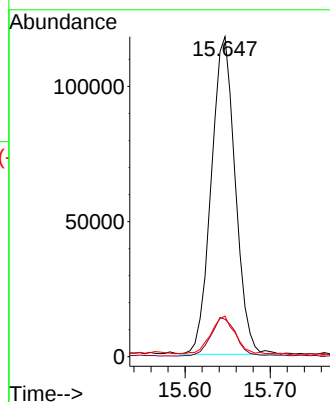
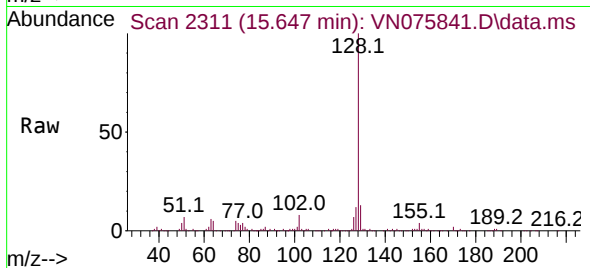
Tgt Ion:128 Resp: 230750

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 13.5 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 20.348 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Tgt Ion:180 Resp: 65650

Ion Ratio Lower Upper

180 100

182 98.3 47.0 141.0

145 43.9 16.0 47.9

