

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075765.D
 Acq On : 14 Dec 2022 11:44
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 15 00:25:54 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	282705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	456941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	412295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	59898	19.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	38.960%#
35) Dibromofluoromethane	8.171	113	54584	19.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	38.580%#
50) Toluene-d8	10.571	98	209838	19.833	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	39.660%#
62) 4-Bromofluorobenzene	12.853	95	69015	19.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.380%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	40151	20.003	ug/l	97
3) Chloromethane	2.371	50	47134	18.884	ug/l	95
4) Vinyl Chloride	2.530	62	58615	19.687	ug/l	99
5) Bromomethane	2.965	94	48620	19.214	ug/l	92
6) Chloroethane	3.130	64	41703	18.914	ug/l	96
7) Trichlorofluoromethane	3.512	101	89227	19.750	ug/l	99
8) Diethyl Ether	3.977	74	31811	19.278	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	52167	20.221	ug/l	99
10) Methyl Iodide	4.600	142	82466	19.697	ug/l	98
11) Tert butyl alcohol	5.530	59	41945	96.383	ug/l	100
12) 1,1-Dichloroethene	4.359	96	49592	19.793	ug/l	87
13) Acrolein	4.194	56	54859	102.823	ug/l	99
14) Allyl chloride	5.042	41	63787	21.778	ug/l	98
15) Acrylonitrile	5.736	53	117966	99.331	ug/l	99
16) Acetone	4.447	43	102992	97.143	ug/l	100
17) Carbon Disulfide	4.724	76	120118	19.800	ug/l	96
18) Methyl Acetate	5.042	43	62643	19.989	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	166664	20.199	ug/l	100
20) Methylene Chloride	5.289	84	58149	20.120	ug/l	99
21) trans-1,2-Dichloroethene	5.794	96	53843	19.622	ug/l	89
22) Diisopropyl ether	6.683	45	144814	20.352	ug/l	98
23) Vinyl Acetate	6.612	43	485410	101.356	ug/l	98
24) 1,1-Dichloroethane	6.577	63	92898	19.577	ug/l	100
25) 2-Butanone	7.488	43	151037	101.744	ug/l	94
26) 2,2-Dichloropropane	7.494	77	80285	19.978	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	64859	19.763	ug/l	98
28) Bromochloromethane	7.824	49	41215	19.816	ug/l	98
29) Tetrahydrofuran	7.847	42	96842	104.099	ug/l	98
30) Chloroform	7.971	83	106785	19.987	ug/l	95
31) Cyclohexane	8.259	56	85148	19.331	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	96265	20.323	ug/l	98
36) 1,1-Dichloropropene	8.377	75	75325	20.038	ug/l	99
37) Ethyl Acetate	7.565	43	61352	20.319	ug/l	97
38) Carbon Tetrachloride	8.365	117	84434	20.069	ug/l	98
39) Methylcyclohexane	9.600	83	96267	21.227	ug/l	98
40) Benzene	8.612	78	234707	20.237	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	31990	20.383	ug/l	97
42) 1,2-Dichloroethane	8.677	62	78460	20.348	ug/l	99
43) Isopropyl Acetate	8.694	43	101405	20.359	ug/l	99
44) Trichloroethene	9.353	130	64735	19.812	ug/l	89
45) 1,2-Dichloropropane	9.624	63	55561	19.686	ug/l	96
46) Dibromomethane	9.712	93	42092	20.108	ug/l	100
47) Bromodichloromethane	9.888	83	80606	19.636	ug/l	97
48) Methyl methacrylate	9.682	41	45469	20.269	ug/l	97
49) 1,4-Dioxane	9.700	88	22790	413.233	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	317554	105.423	ug/l	98
52) Toluene	10.629	92	153884	20.373	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	79442	19.769	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	91249	20.682	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	59592	20.100	ug/l	99
56) Ethyl methacrylate	10.876	69	80162	20.356	ug/l	98
57) 1,3-Dichloropropane	11.165	76	98732	20.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	129255	103.091	ug/l	99
59) 2-Hexanone	11.200	43	229137	104.310	ug/l	99
60) Dibromochloromethane	11.359	129	68211	20.688	ug/l	99
61) 1,2-Dibromoethane	11.470	107	61896	20.630	ug/l	99
64) Tetrachloroethene	11.106	164	58358	20.115	ug/l	99
65) Chlorobenzene	11.894	112	168688	19.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	64053	20.436	ug/l	98
67) Ethyl Benzene	11.965	91	291128	20.384	ug/l	96
68) m/p-Xylenes	12.070	106	233470	41.301	ug/l	99
69) o-Xylene	12.400	106	116480	20.822	ug/l	98
70) Styrene	12.412	104	186346	20.950	ug/l	99
71) Bromoform	12.582	173	46684	20.469	ug/l #	99
73) Isopropylbenzene	12.700	105	297410	20.426	ug/l	100
74) N-amyl acetate	12.494	43	86574	20.268	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	85247	18.939	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	101617	25.020	ug/l	74
77) Bromobenzene	12.982	156	71959	19.528	ug/l	98
78) n-propylbenzene	13.041	91	332491	20.704	ug/l	99
79) 2-Chlorotoluene	13.129	91	199196	19.871	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	254208	20.860	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22227	19.699	ug/l	98
82) 4-Chlorotoluene	13.129	91	199196	19.871	ug/l	99
83) tert-Butylbenzene	13.441	119	223256	20.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	255051	21.097	ug/l	100
85) sec-Butylbenzene	13.617	105	307444	20.732	ug/l	100
86) p-Isopropyltoluene	13.729	119	260955	21.148	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	134424	19.749	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	134113	19.287	ug/l	99
89) n-Butylbenzene	14.059	91	202637	20.270	ug/l	98
90) Hexachloroethane	14.335	117	44479	20.151	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	136357	20.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14858	18.603	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	62590	18.857	ug/l	99
94) Hexachlorobutadiene	15.506	225	36572	20.195	ug/l	99
95) Naphthalene	15.641	128	189370	18.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61599	19.856	ug/l	99

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

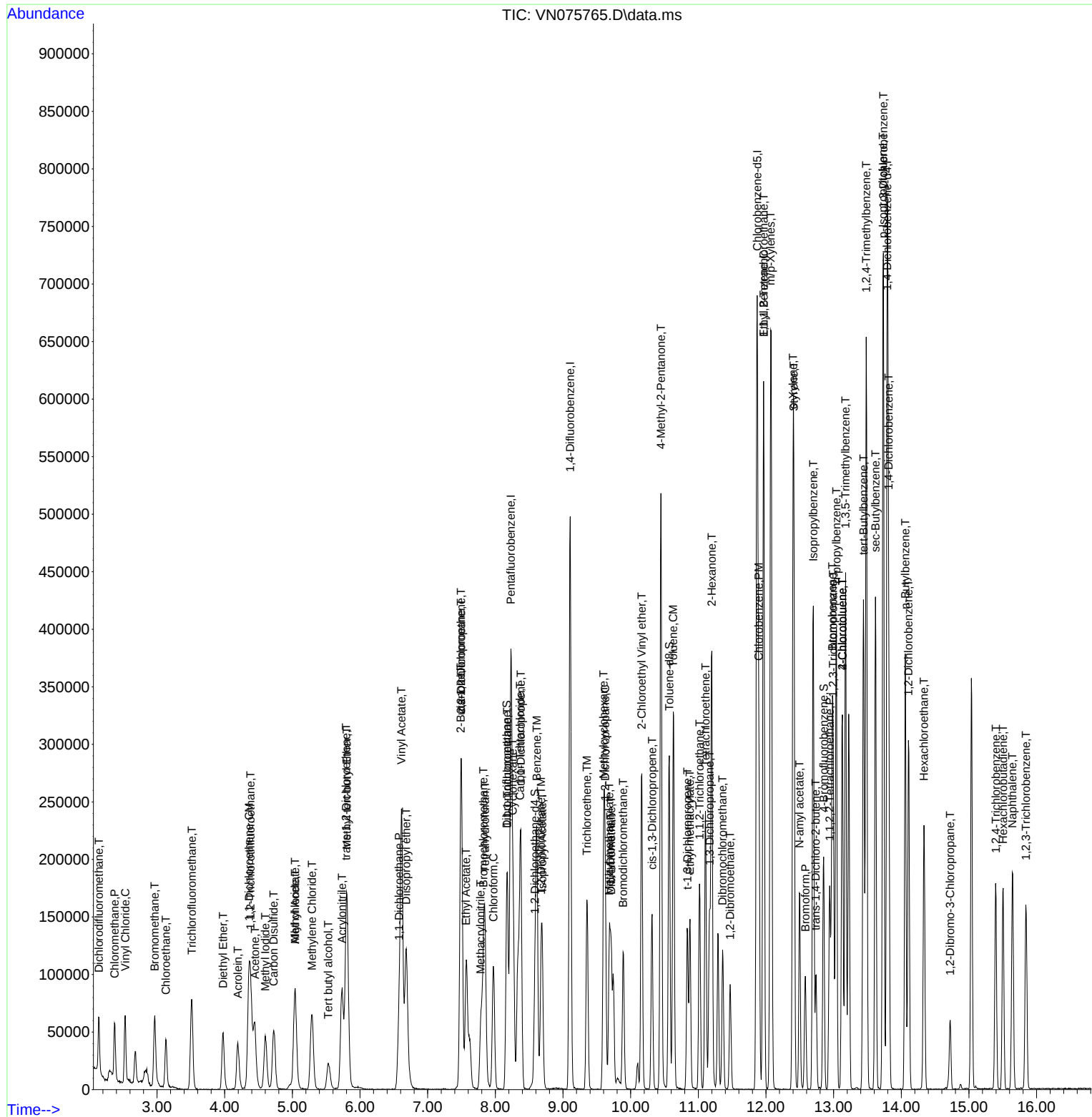
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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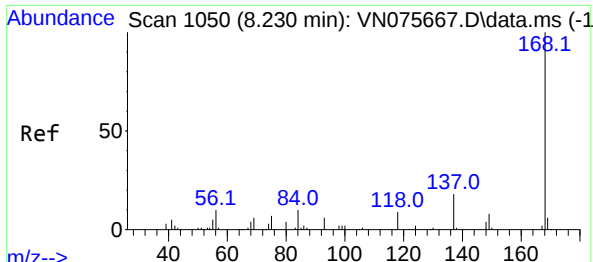
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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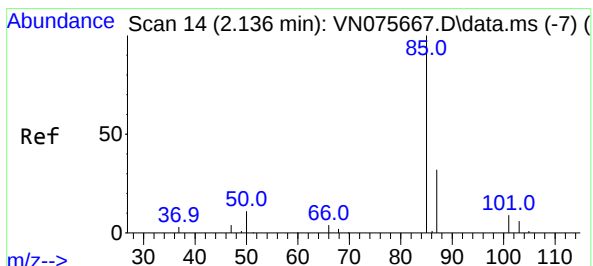
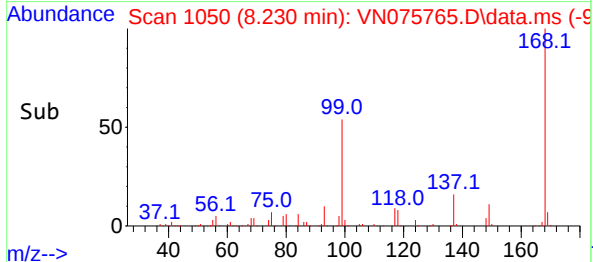
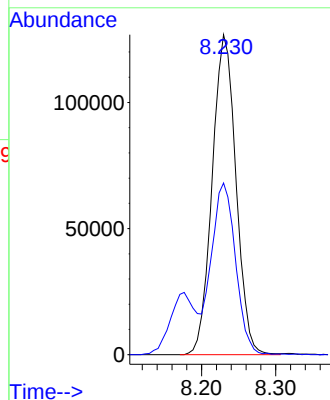
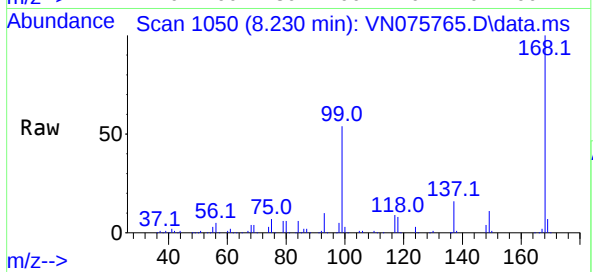




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075765.D
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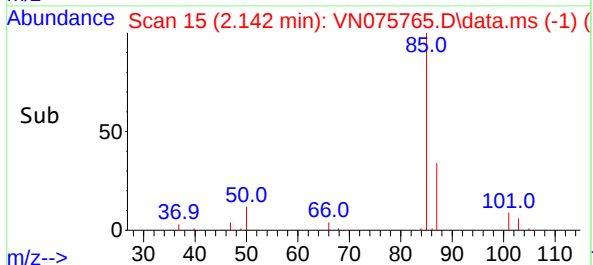
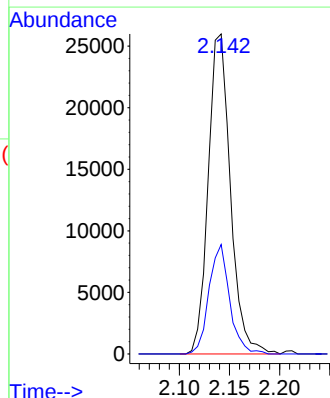
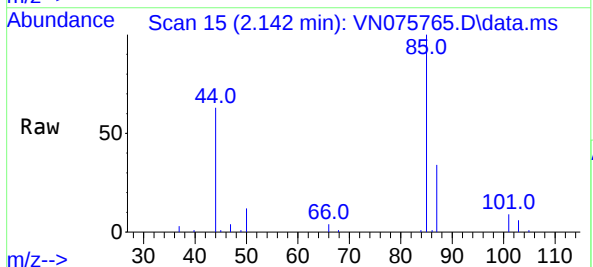
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 282705
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4

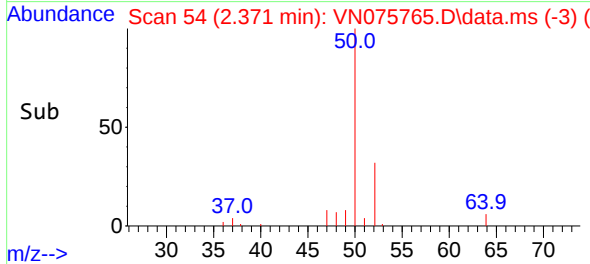
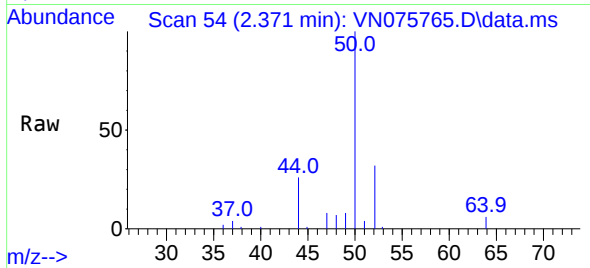
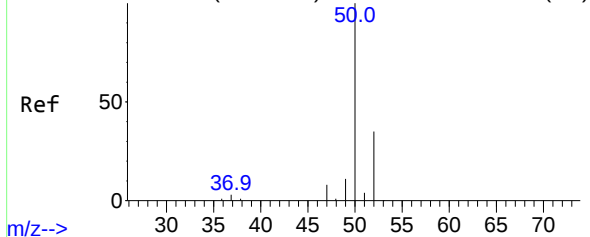


#2
Dichlorodifluoromethane
Concen: 20.003 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 85 Resp: 40151
Ion Ratio Lower Upper
85 100
87 34.2 16.3 48.9



Abundance Scan 54 (2.371 min): VN075667.D\data.ms (-45)



#3

Chloromethane

Concen: 18.884 ug/l

RT: 2.371 min Scan# 54

Delta R.T. -0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

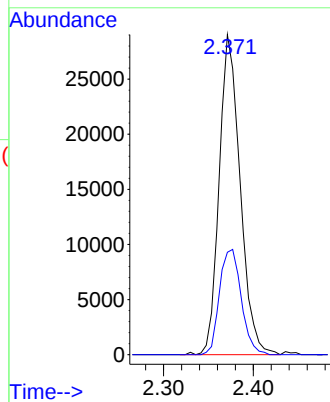
VSTDICC020

Tgt Ion: 50 Resp: 47134

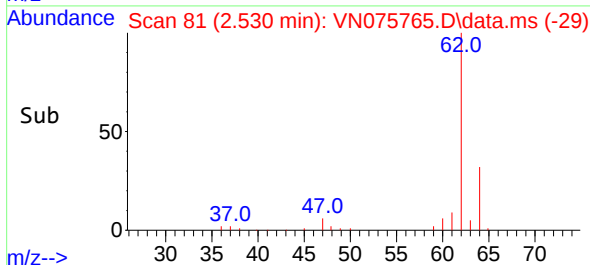
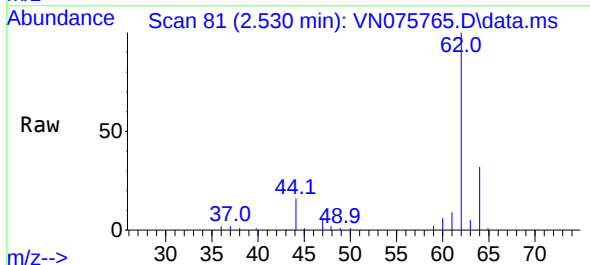
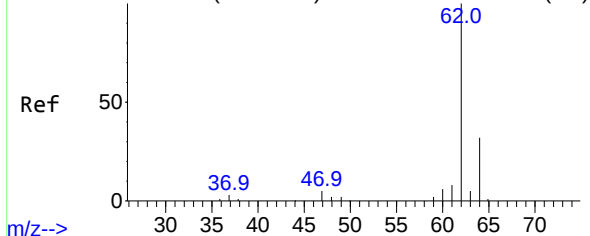
Ion Ratio Lower Upper

50 100

52 32.0 27.7 41.5



Abundance Scan 80 (2.524 min): VN075667.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 19.687 ug/l

RT: 2.530 min Scan# 81

Delta R.T. 0.006 min

Lab File: VN075765.D

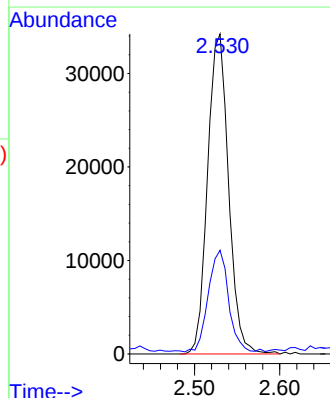
Acq: 14 Dec 2022 11:44

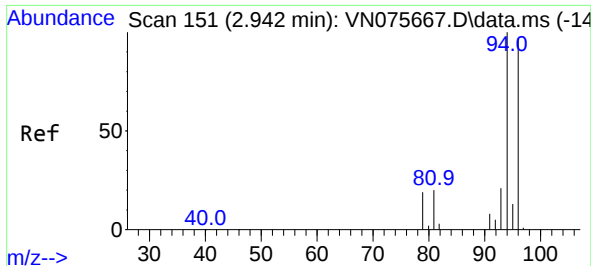
Tgt Ion: 62 Resp: 58615

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3

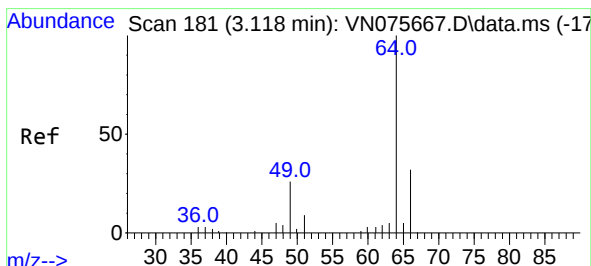
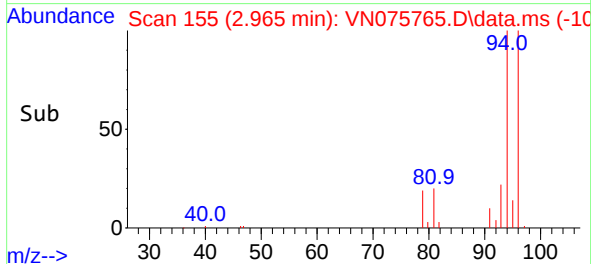
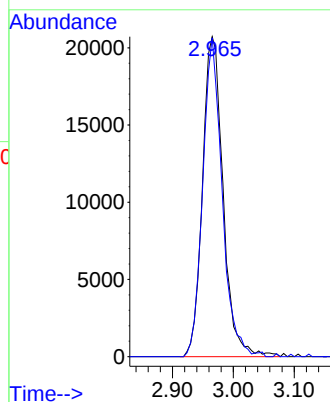
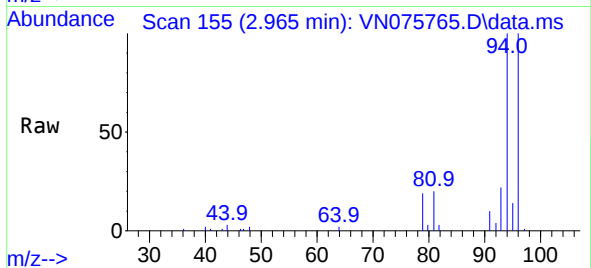




#5
Bromomethane
Concen: 19.214 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

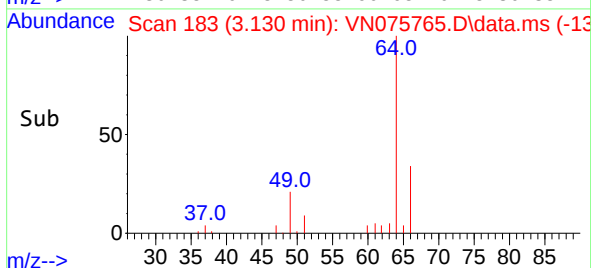
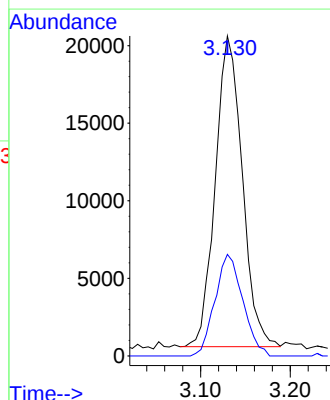
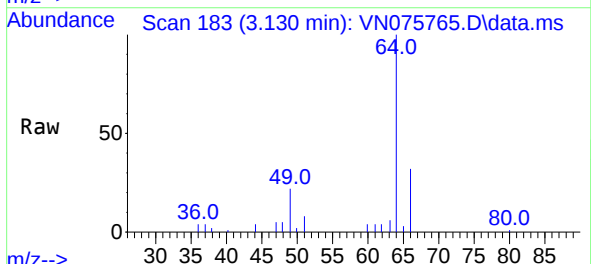
Instrument :
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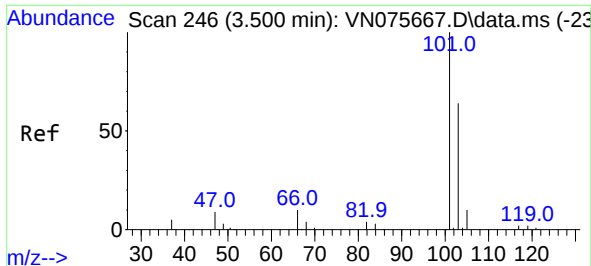
Tgt Ion: 94 Resp: 48620
Ion Ratio Lower Upper
94 100
96 99.7 73.8 110.6



#6
Chloroethane
Concen: 18.914 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 64 Resp: 41703
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8

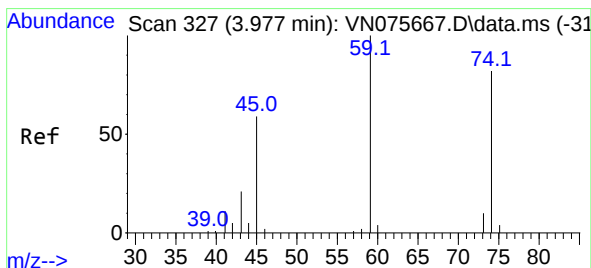
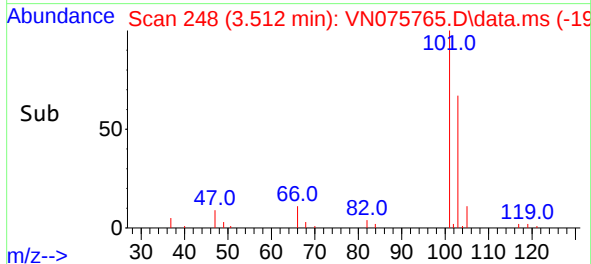
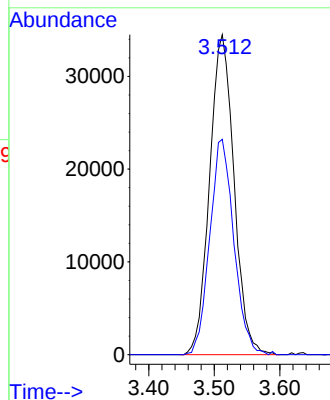
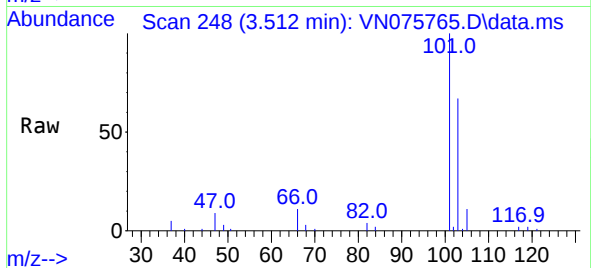




#7
Trichlorofluoromethane
Concen: 19.750 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

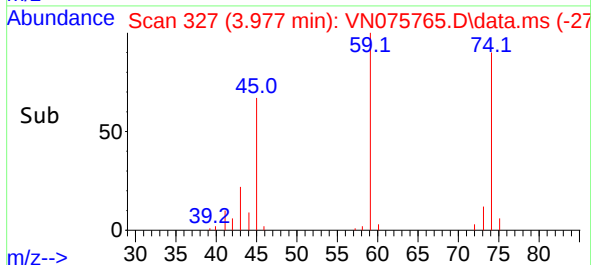
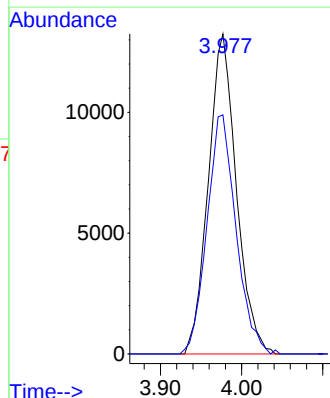
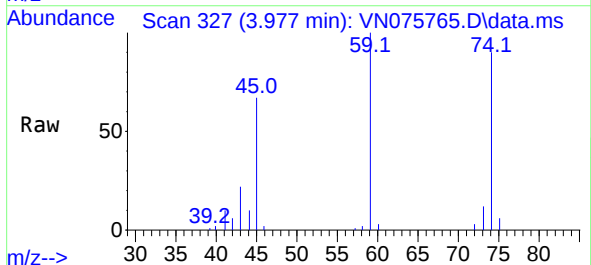
Instrument :
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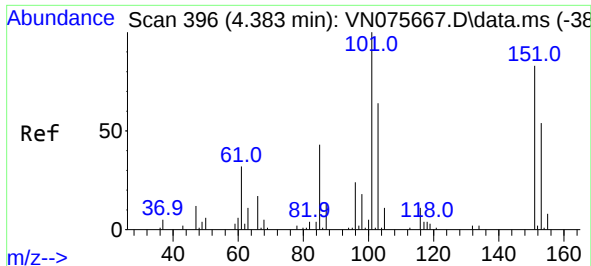
Tgt Ion:101 Resp: 89227
Ion Ratio Lower Upper
101 100
103 67.3 53.4 80.2



#8
Diethyl Ether
Concen: 19.278 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 74 Resp: 31811
Ion Ratio Lower Upper
74 100
45 77.3 37.8 113.4

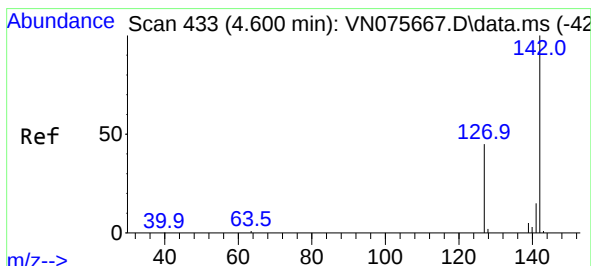
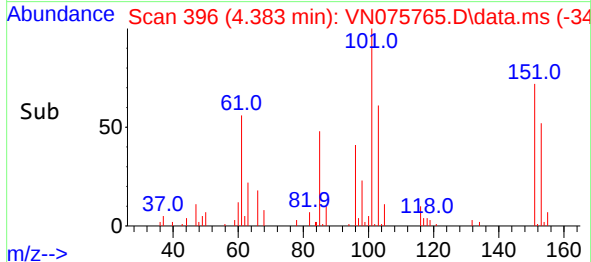
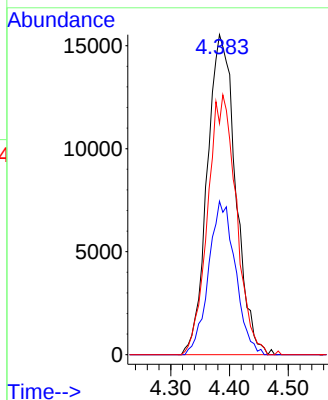
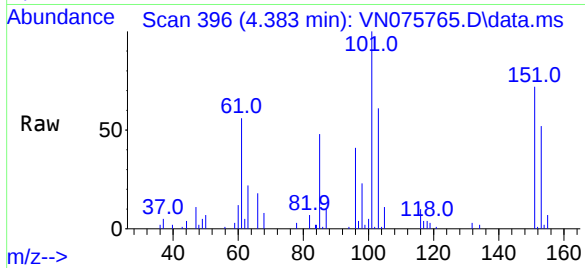




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.221 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

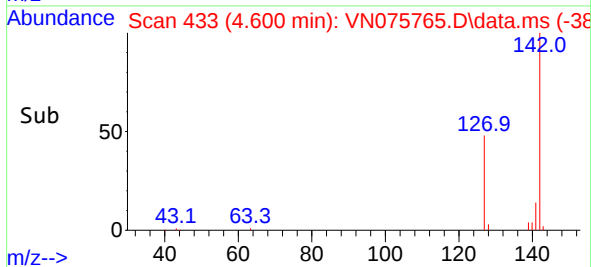
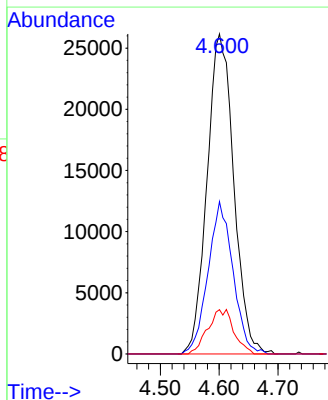
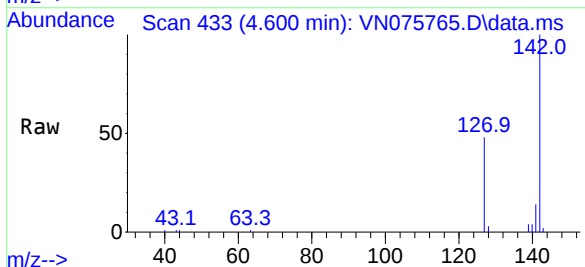
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

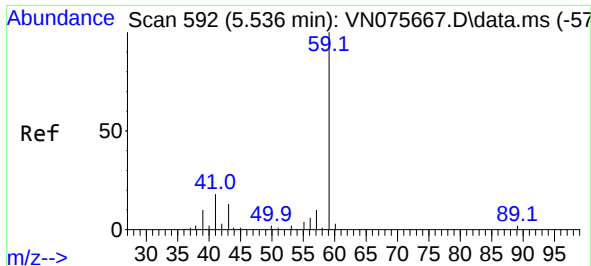
Tgt Ion:101 Resp: 52167
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 81.9 65.6 98.4



#10
Methyl Iodide
Concen: 19.697 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:142 Resp: 82466
Ion Ratio Lower Upper
142 100
127 44.6 34.7 52.1
141 13.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 96.383 ug/l

RT: 5.530 min Scan# 591

Delta R.T. -0.006 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

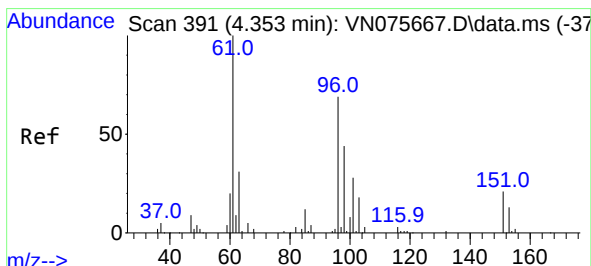
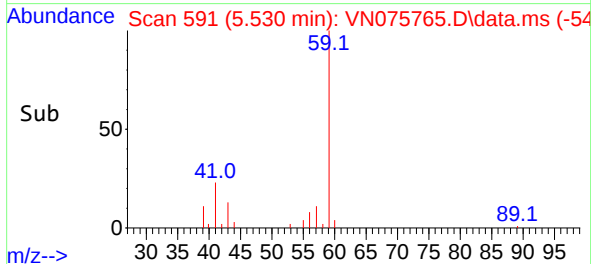
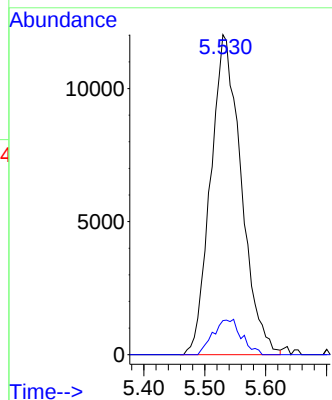
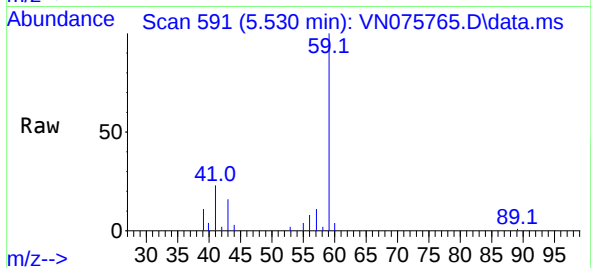
VSTDIC020

Tgt Ion: 59 Resp: 41945

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.793 ug/l

RT: 4.359 min Scan# 392

Delta R.T. 0.012 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

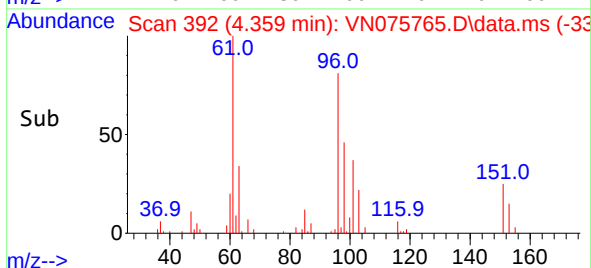
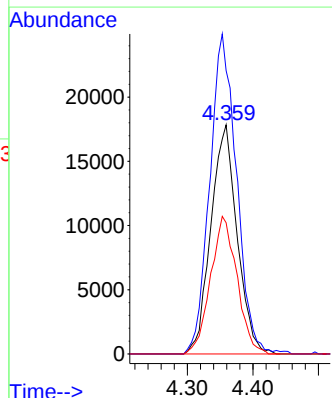
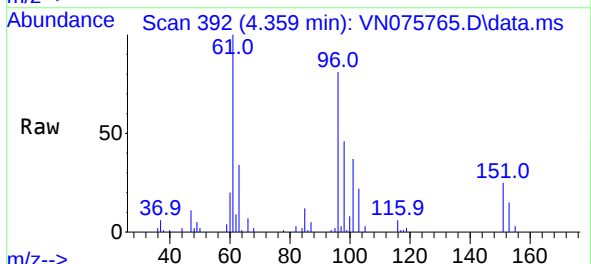
Tgt Ion: 96 Resp: 49592

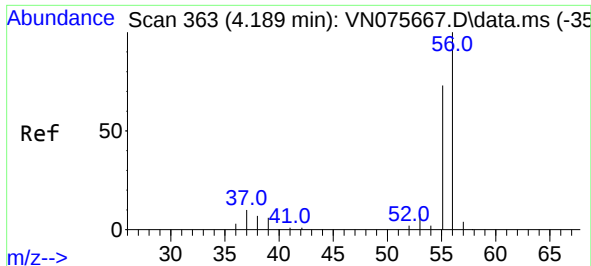
Ion Ratio Lower Upper

96 100

61 123.7 113.3 169.9

98 57.3 50.9 76.3

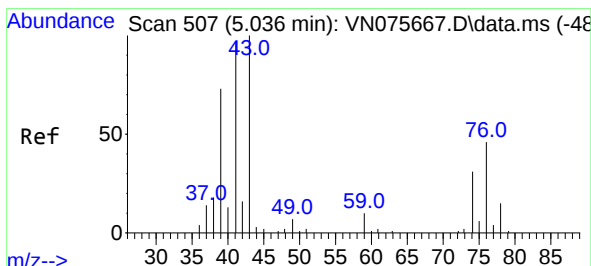
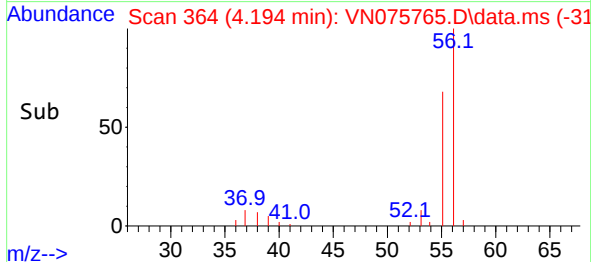
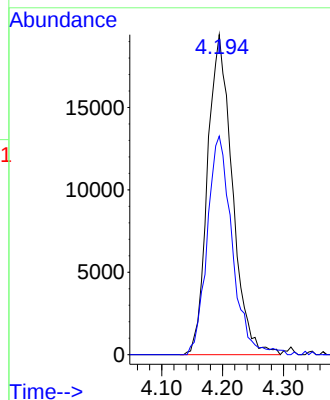
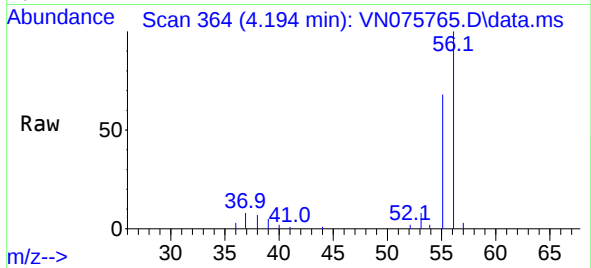




#13
Acrolein
Concen: 102.823 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

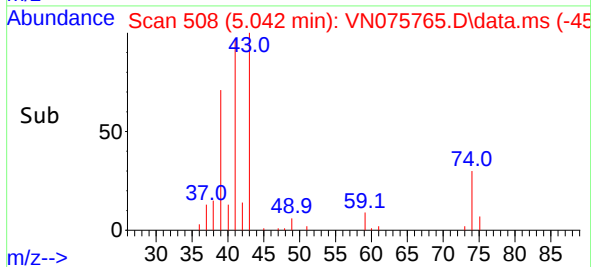
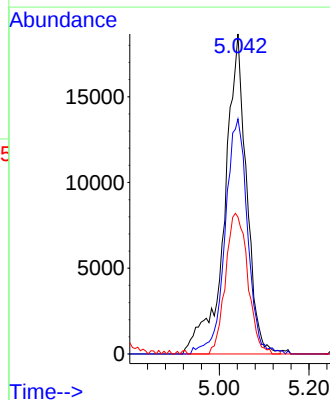
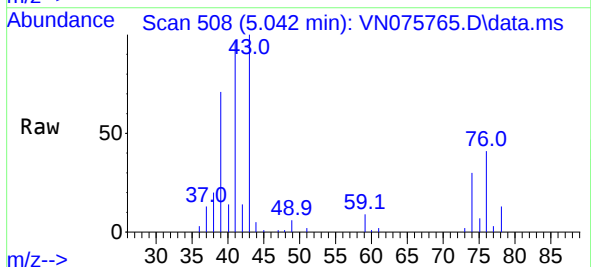
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

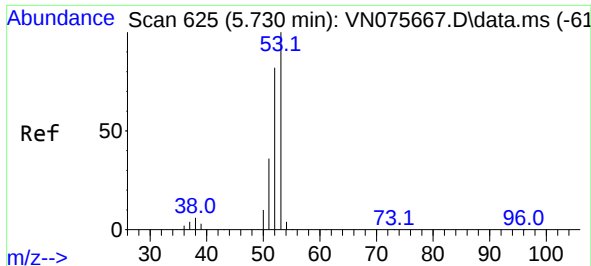
Tgt Ion: 56 Resp: 54859
Ion Ratio Lower Upper
56 100
55 68.1 54.8 82.2



#14
Allyl chloride
Concen: 21.778 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 41 Resp: 63787
Ion Ratio Lower Upper
41 100
39 74.9 58.3 87.5
76 44.3 35.8 53.6





#15

Acrylonitrile

Concen: 99.331 ug/l

RT: 5.736 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

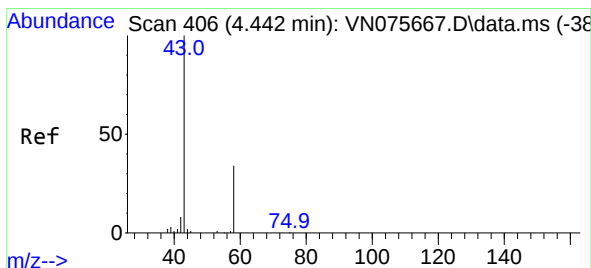
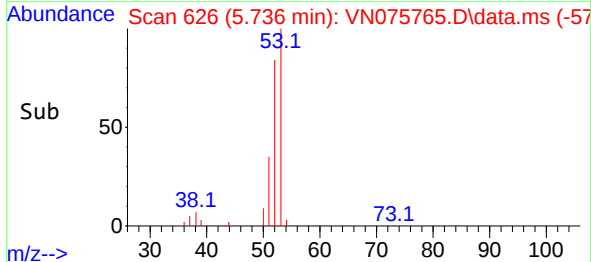
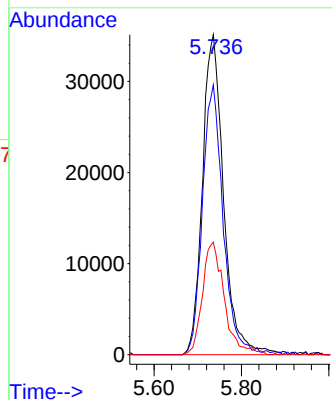
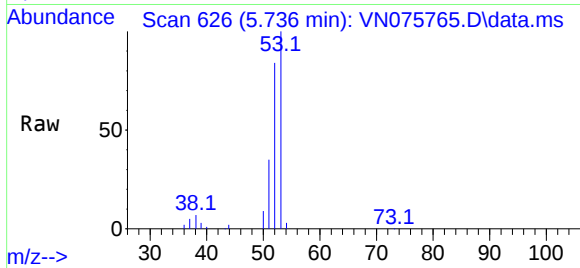
MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 53 Resp: 117966

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.4	98.0
51	36.5	28.9	43.3



#16

Acetone

Concen: 97.143 ug/l

RT: 4.447 min Scan# 407

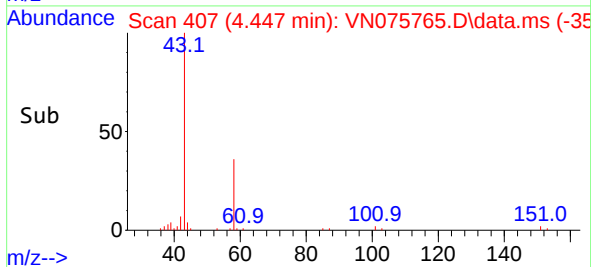
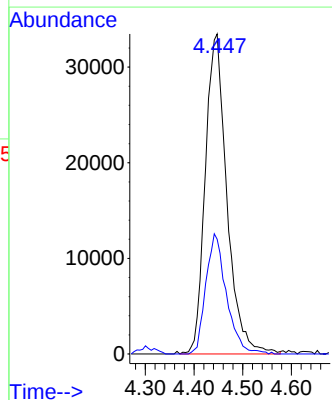
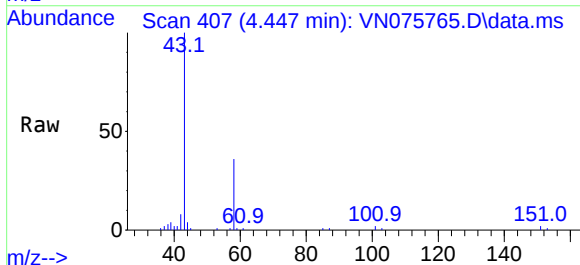
Delta R.T. 0.006 min

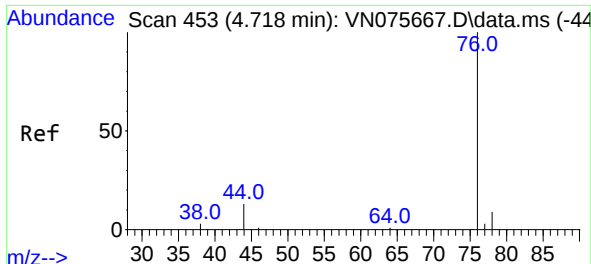
Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Tgt Ion: 43 Resp: 102992

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.6	43.0

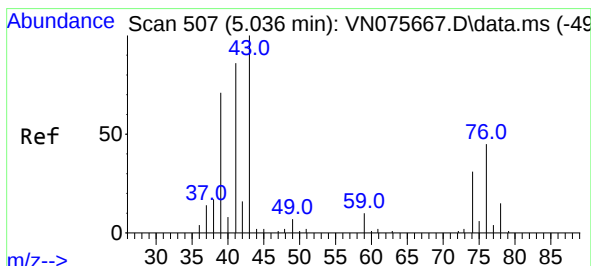
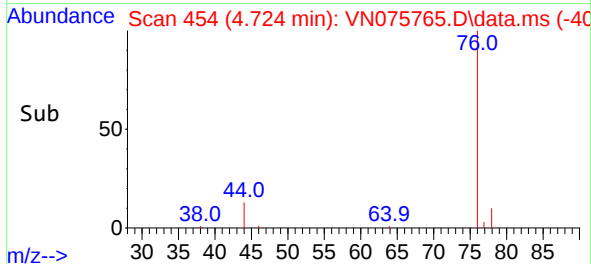
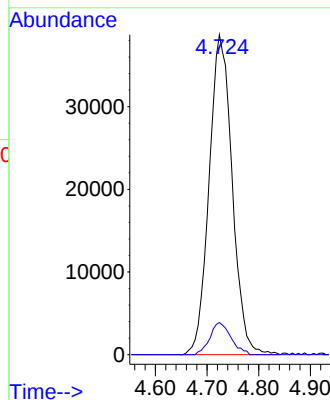
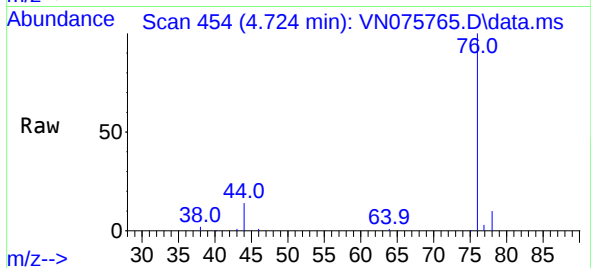




#17
Carbon Disulfide
Concen: 19.800 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

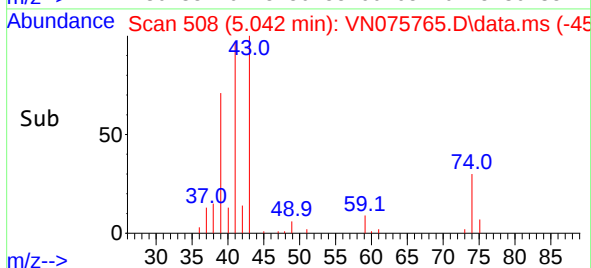
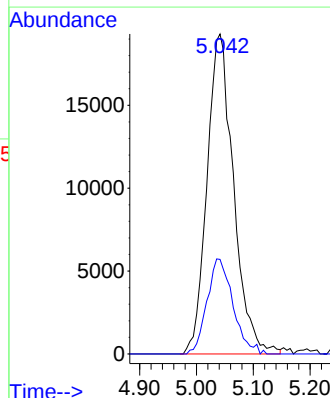
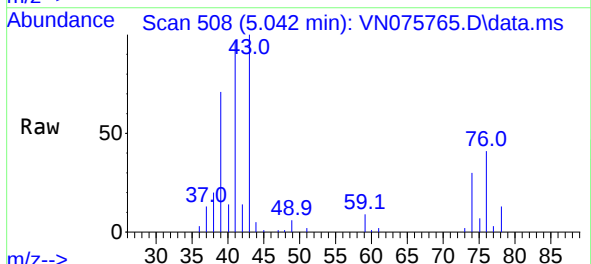
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

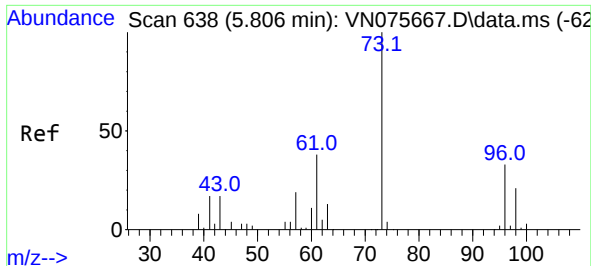
Tgt Ion: 76 Resp: 120118
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 19.989 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 43 Resp: 62643
Ion Ratio Lower Upper
43 100
74 29.0 23.6 35.4

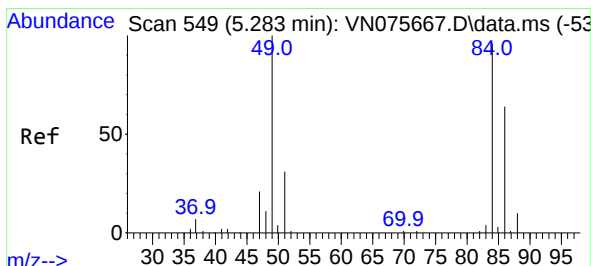
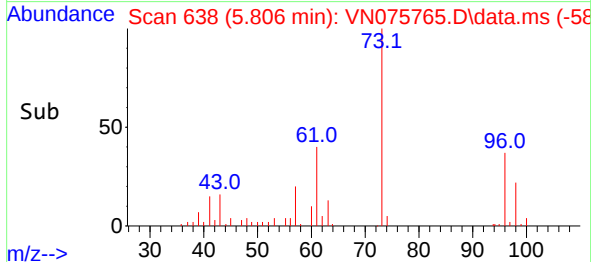
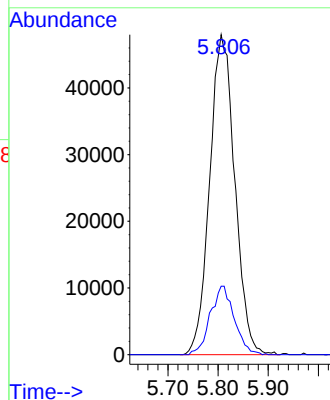
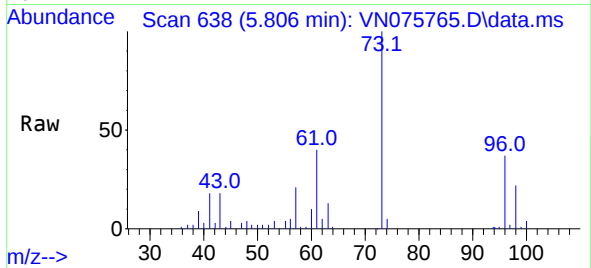




#19
Methyl tert-butyl Ether
Concen: 20.199 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

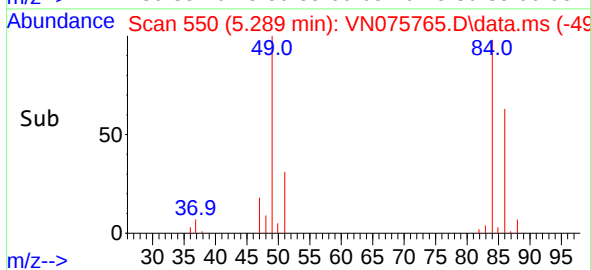
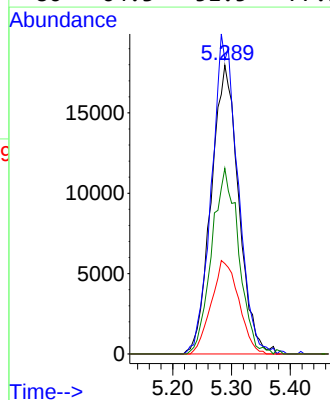
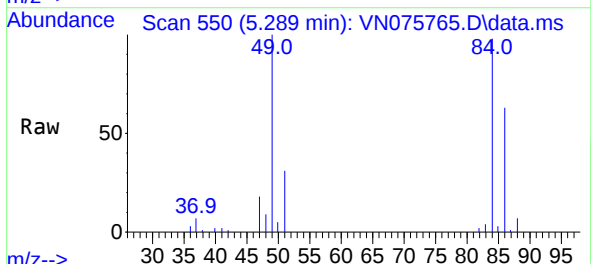
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

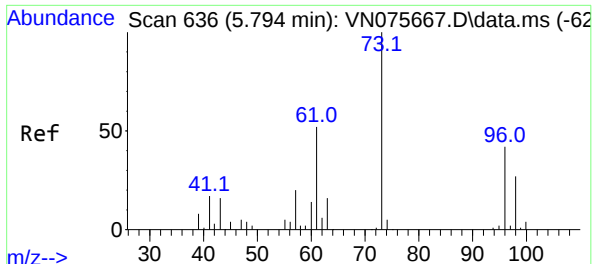
Tgt Ion: 73 Resp: 166664
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 20.120 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 84 Resp: 58149
Ion Ratio Lower Upper
84 100
49 101.9 81.8 122.6
51 31.3 26.7 40.1
86 64.3 51.5 77.3

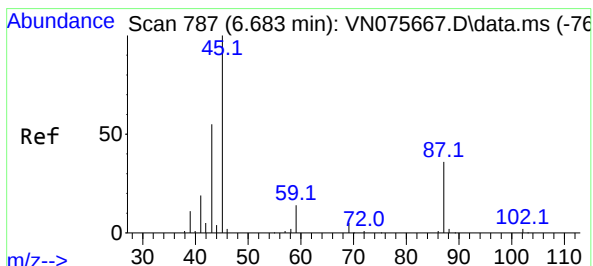
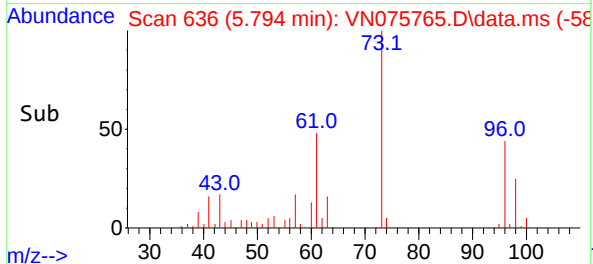
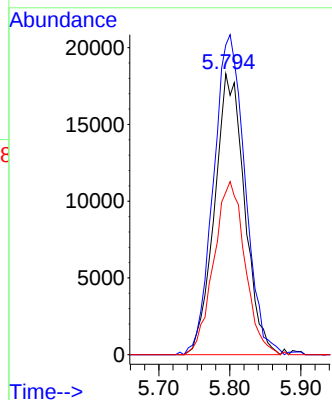
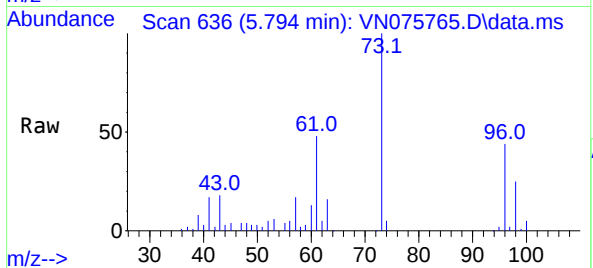




#21
trans-1,2-Dichloroethene
Concen: 19.622 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

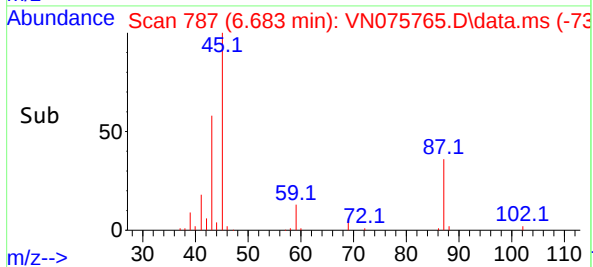
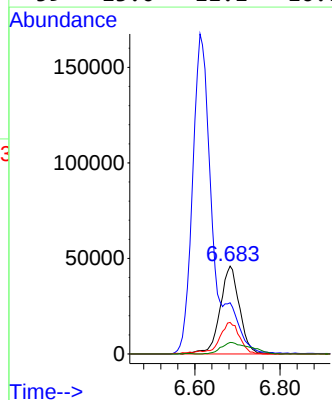
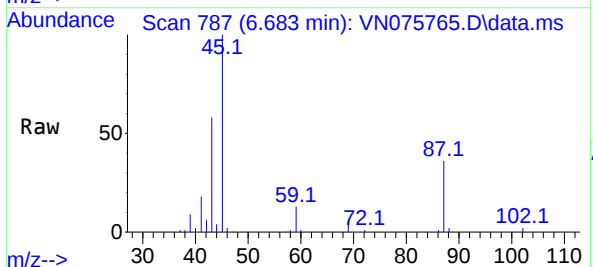
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

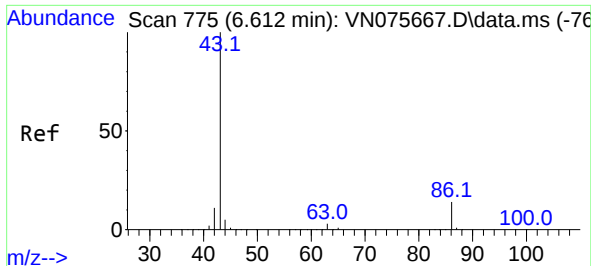
Tgt Ion: 96 Resp: 53843
Ion Ratio Lower Upper
96 100
61 109.3 98.1 147.1
98 57.8 51.4 77.2



#22
Diisopropyl ether
Concen: 20.352 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 45 Resp: 144814
Ion Ratio Lower Upper
45 100
43 56.9 44.2 66.4
87 35.9 28.3 42.5
59 13.0 11.1 16.7

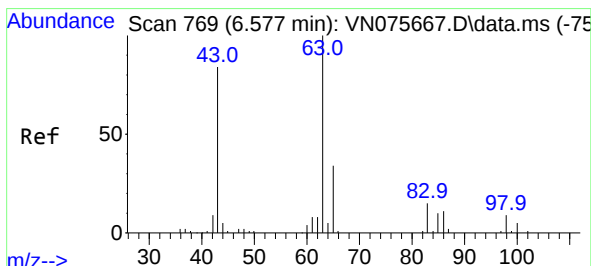
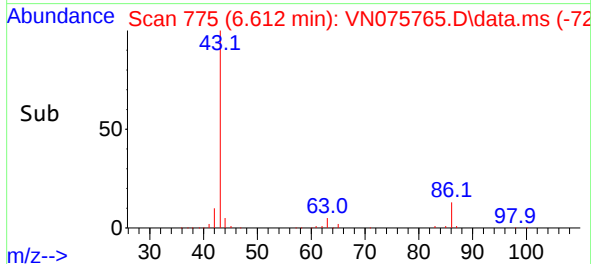
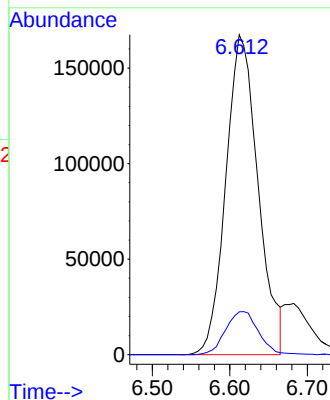
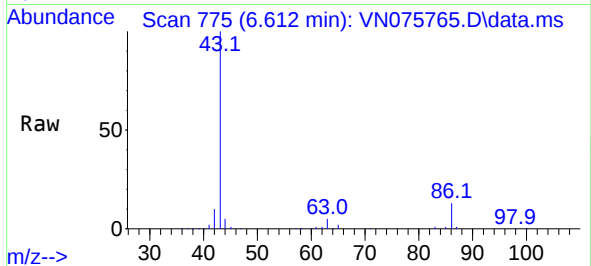




#23
 Vinyl Acetate
 Concen: 101.356 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

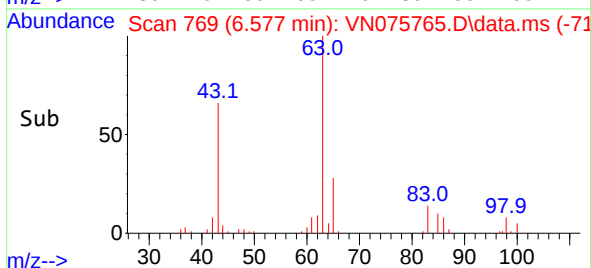
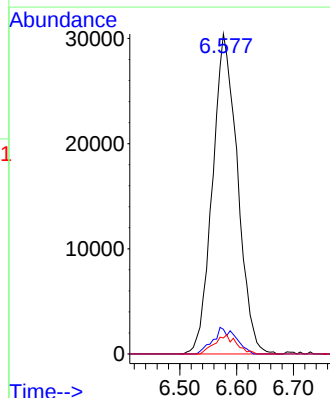
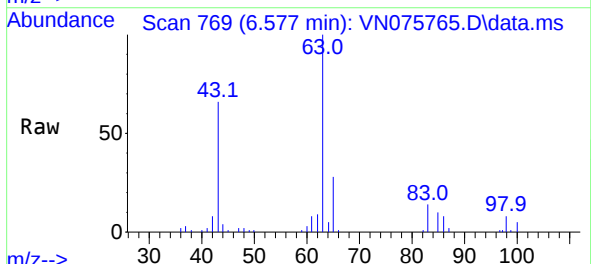
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

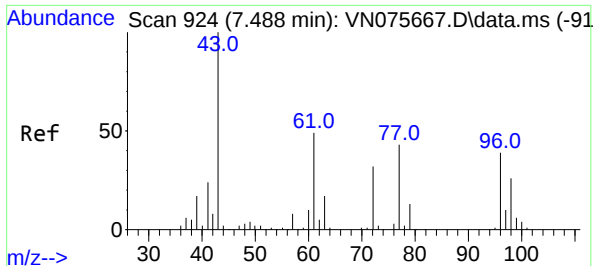
Tgt Ion: 43 Resp: 485410
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.577 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 63 Resp: 92898
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 5.0 2.5 7.6

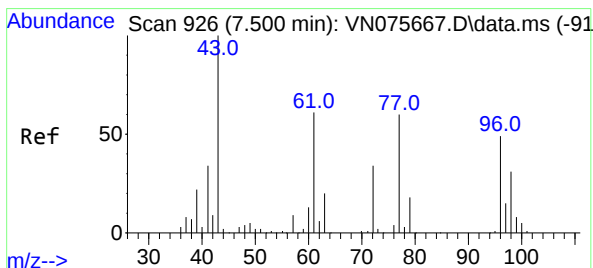
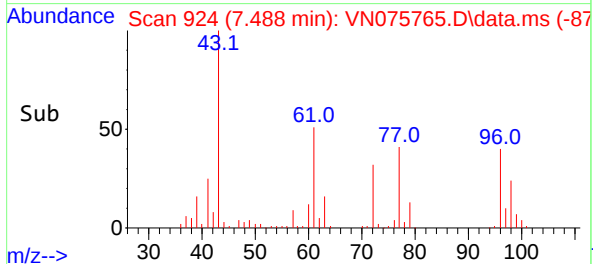
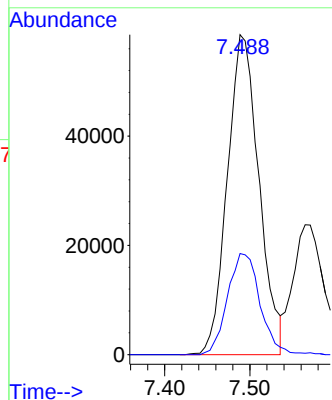
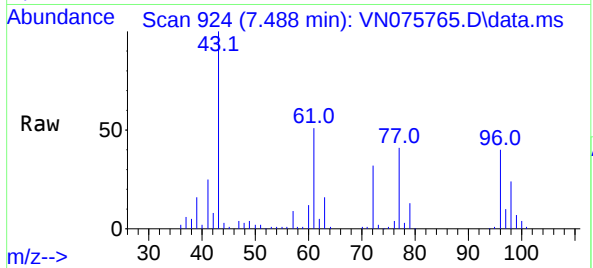




#25
2-Butanone
Concen: 101.744 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

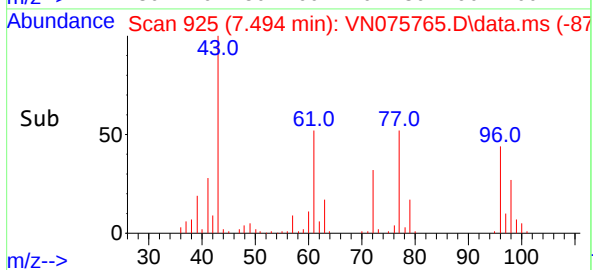
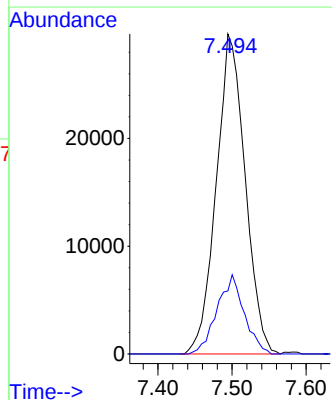
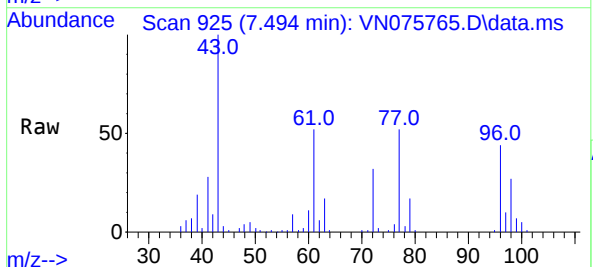
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

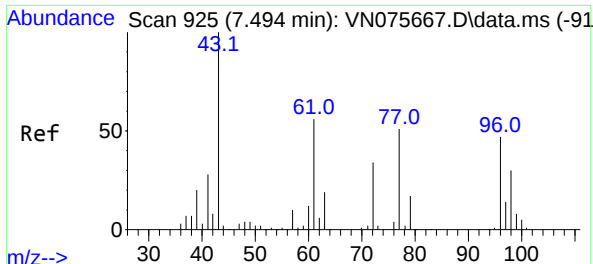
Tgt Ion: 43 Resp: 151037
Ion Ratio Lower Upper
43 100
72 31.6 28.0 42.0



#26
2,2-Dichloropropane
Concen: 19.978 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 77 Resp: 80285
Ion Ratio Lower Upper
77 100
97 23.3 12.7 38.0

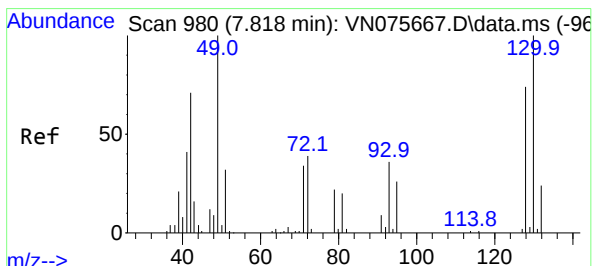
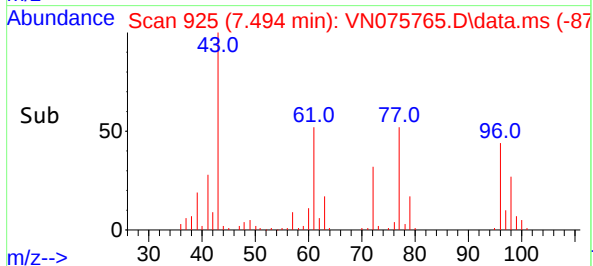
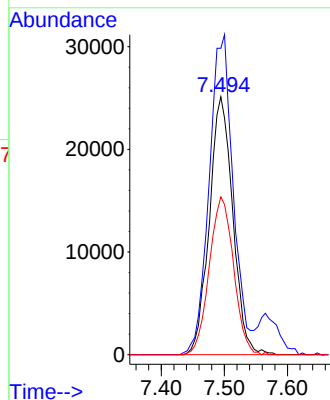
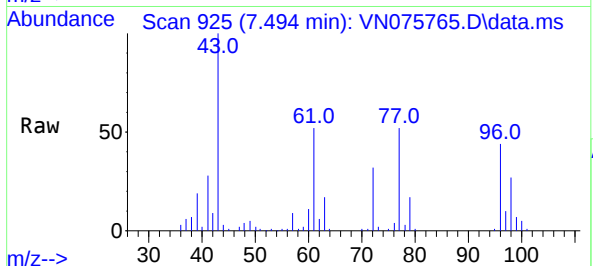




#27
 cis-1,2-Dichloroethene
 Concen: 19.763 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

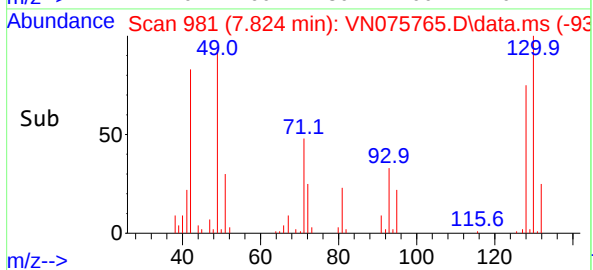
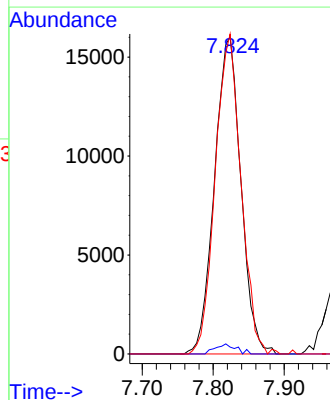
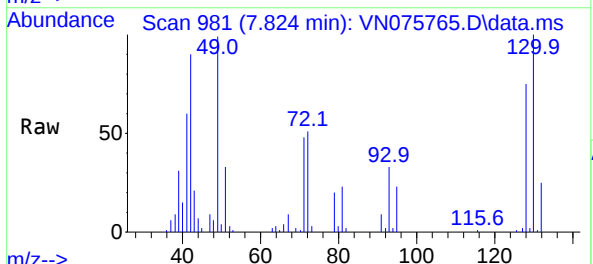
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

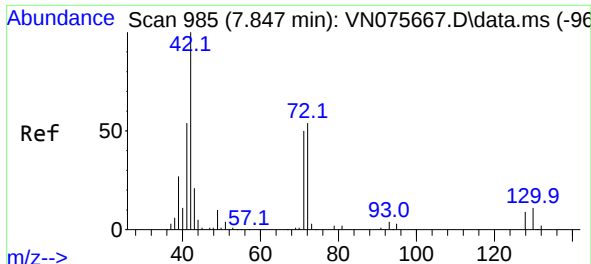
Tgt Ion: 96 Resp: 64859
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 247.8
 98 63.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.816 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 49 Resp: 41215
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 98.2 77.0 115.4

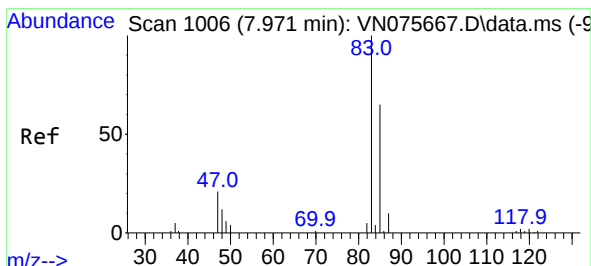
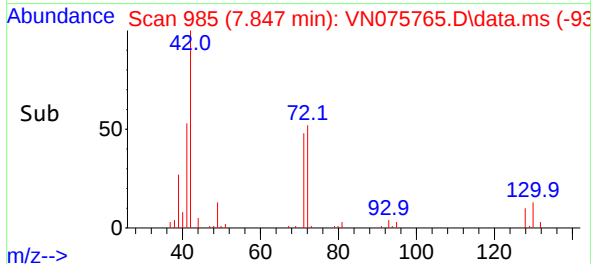
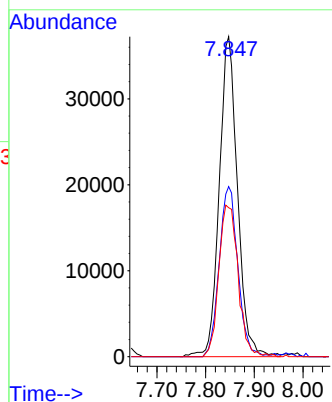
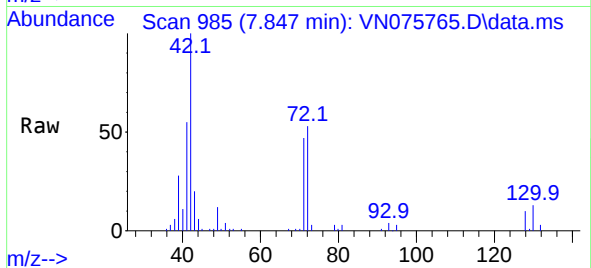




#29
Tetrahydrofuran
Concen: 104.099 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

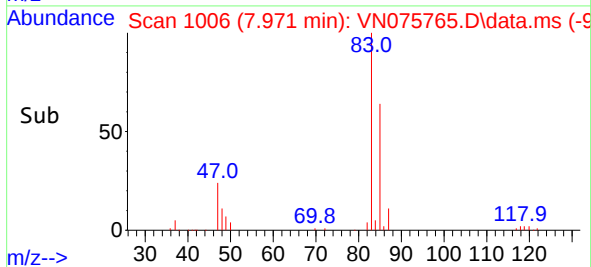
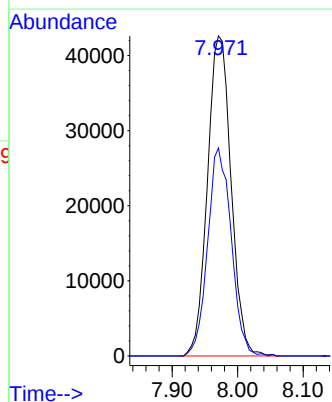
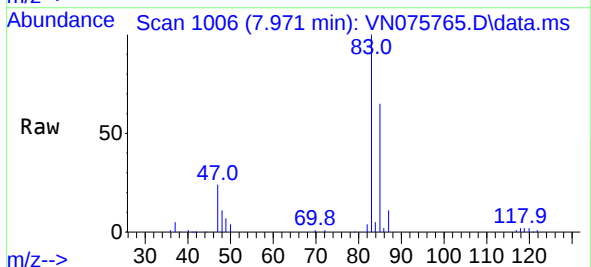
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

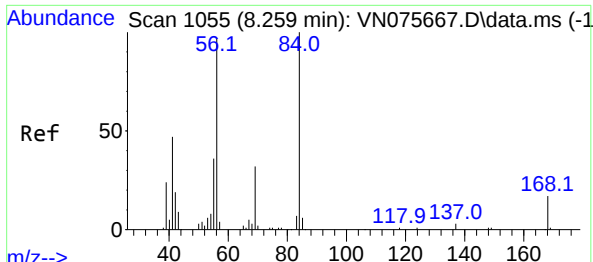
Tgt Ion:	42	Resp:	96842
Ion	Ratio	Lower	Upper
42	100		
72	54.4	44.5	66.7
71	49.9	41.0	61.6



#30
Chloroform
Concen: 19.987 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:	83	Resp:	106785
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.1	73.7

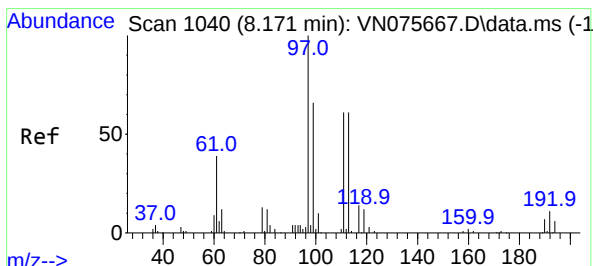
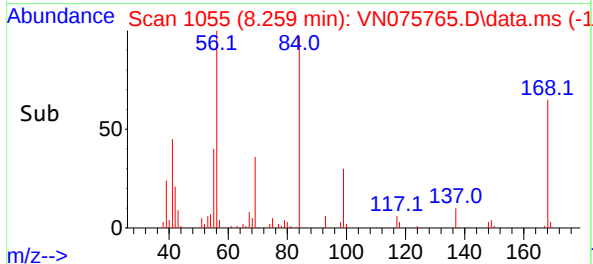
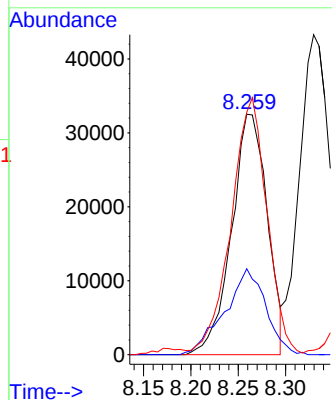
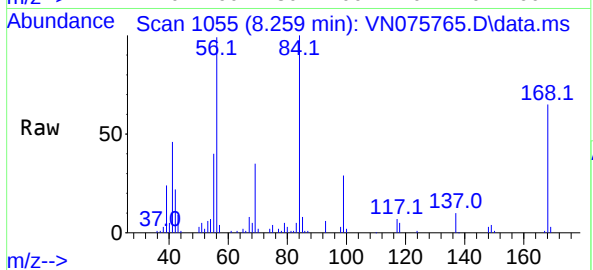




#31
Cyclohexane
Concen: 19.331 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

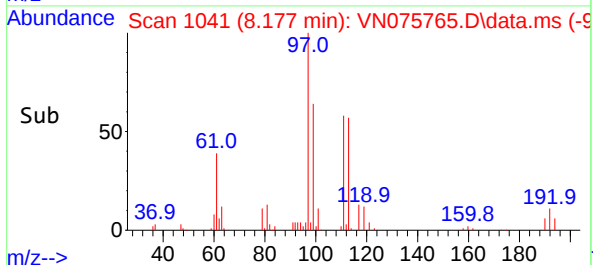
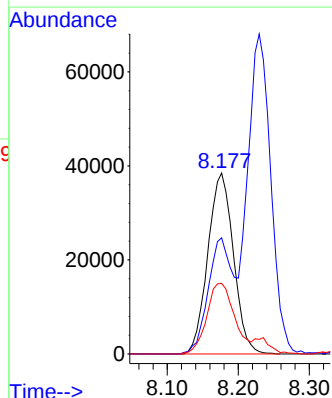
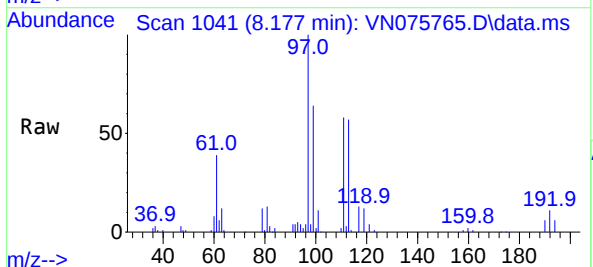
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

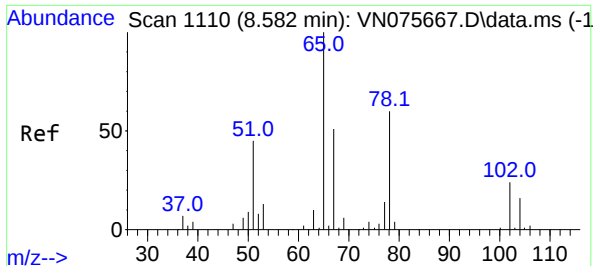
Tgt Ion: 56 Resp: 85148
Ion Ratio Lower Upper
56 100
69 35.7 24.7 37.1
84 98.6 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 20.323 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 97 Resp: 96265
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 42.4 34.5 51.7

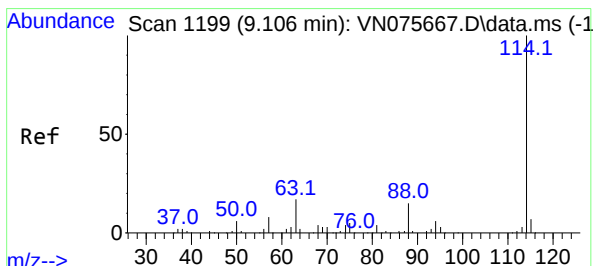
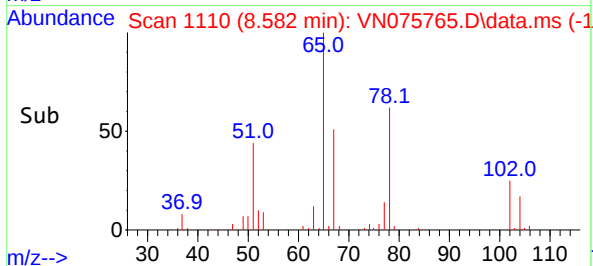
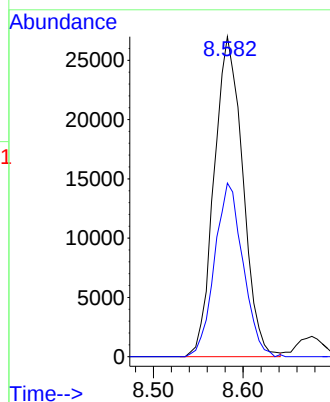
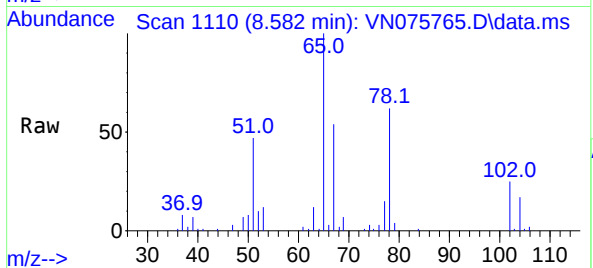




#33
1,2-Dichloroethane-d4
Concen: 19.475 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

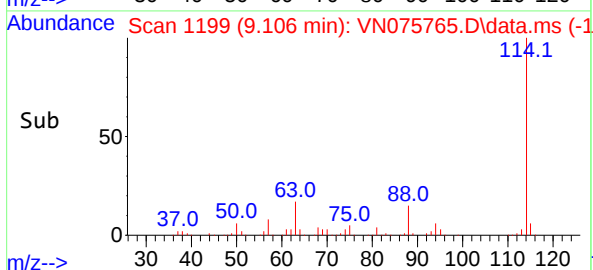
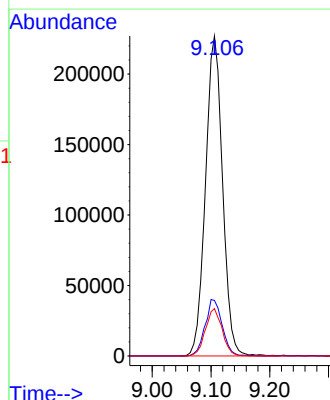
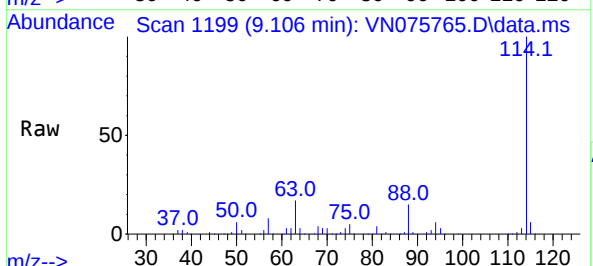
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

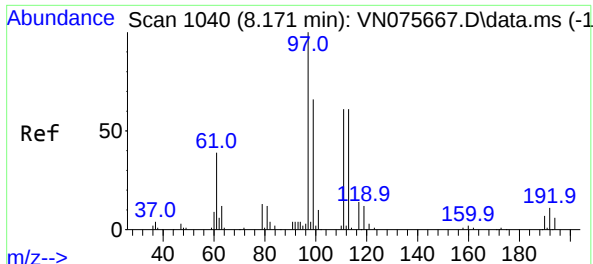
Tgt Ion: 65 Resp: 59898
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 114 Resp: 456941
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.4
88 14.8 0.0 28.8

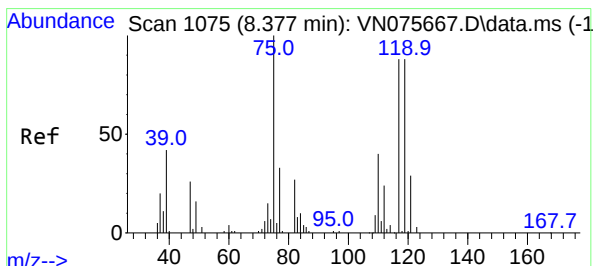
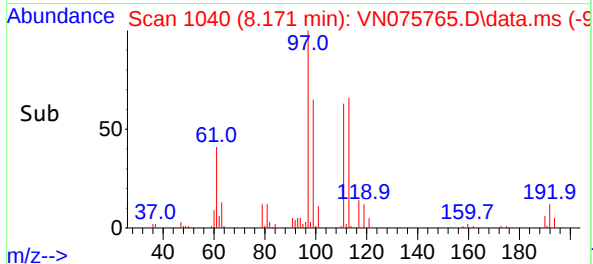
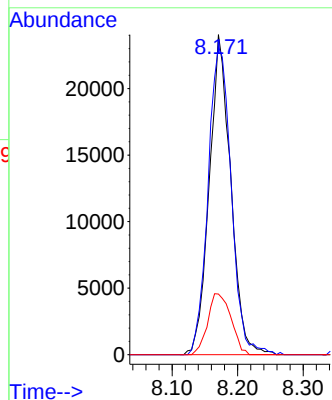
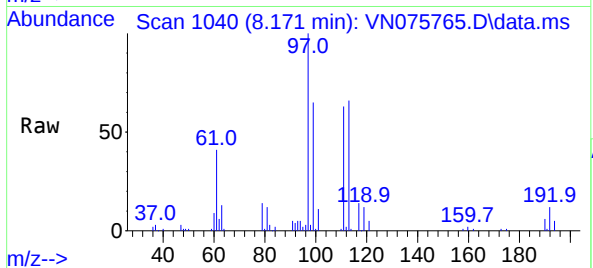




#35
Dibromofluoromethane
Concen: 19.289 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

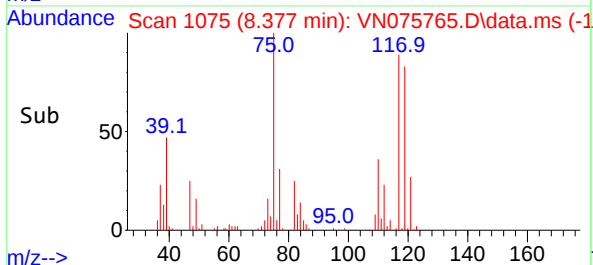
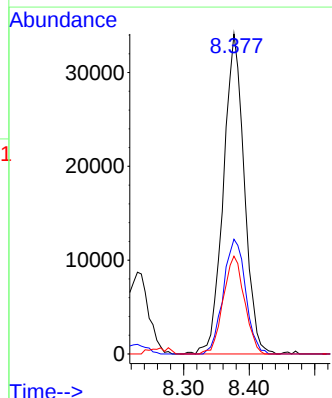
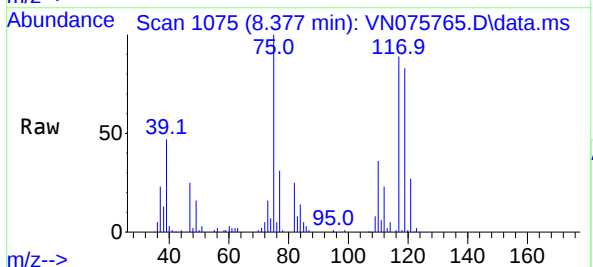
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

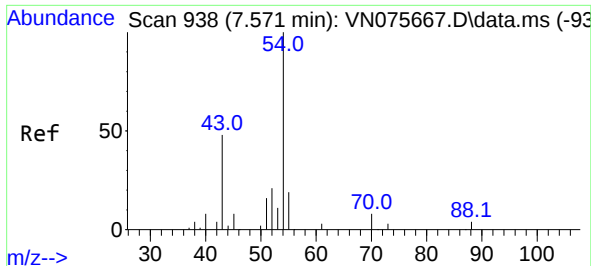
Tgt Ion:113 Resp: 54584
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 20.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 20.038 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 75 Resp: 75325
Ion Ratio Lower Upper
75 100
110 38.2 18.8 56.4
77 31.1 24.1 36.1

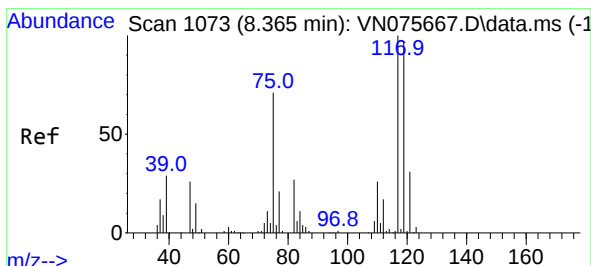
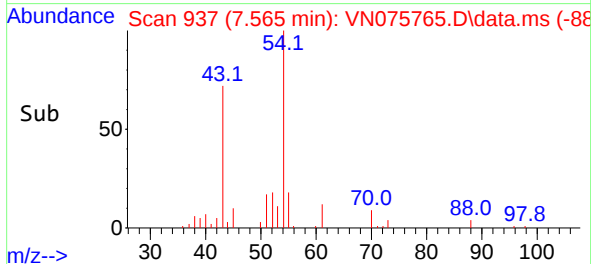
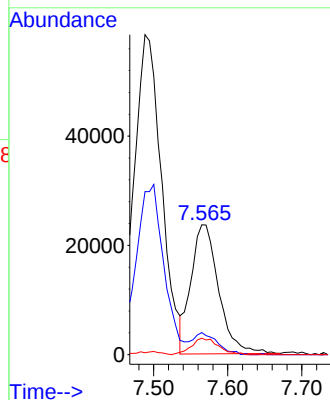
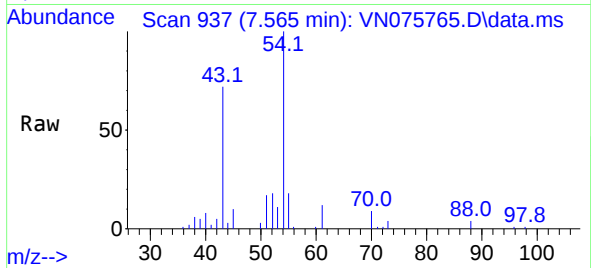




#37
Ethyl Acetate
Concen: 20.319 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

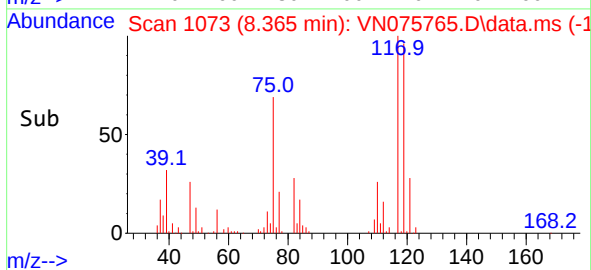
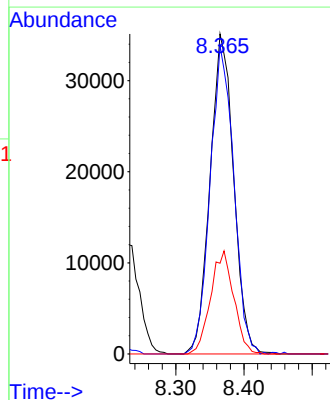
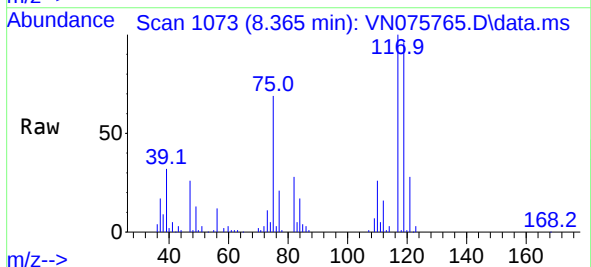
Instrument :
MSVOA_N
ClientSampleId :
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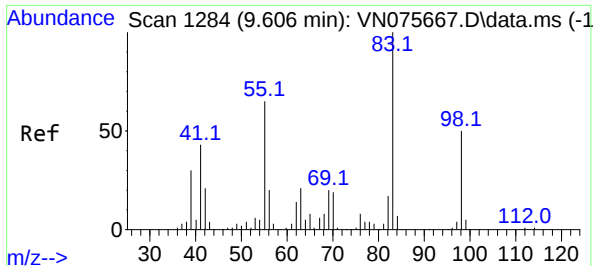
Tgt Ion: 43 Resp: 61352
Ion Ratio Lower Upper
43 100
61 14.4 13.0 19.4
70 12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 20.069 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 117 Resp: 84434
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 28.4 24.5 36.7

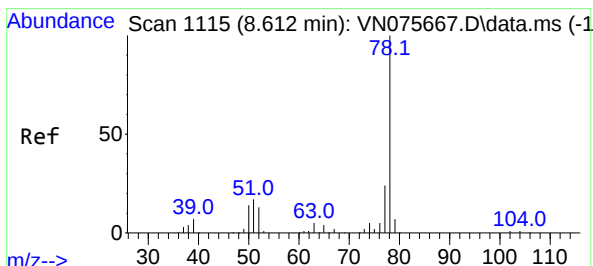
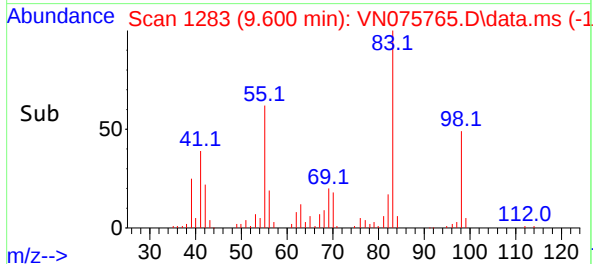
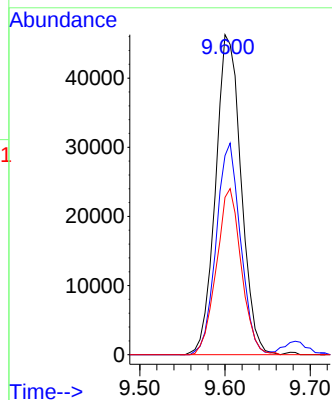
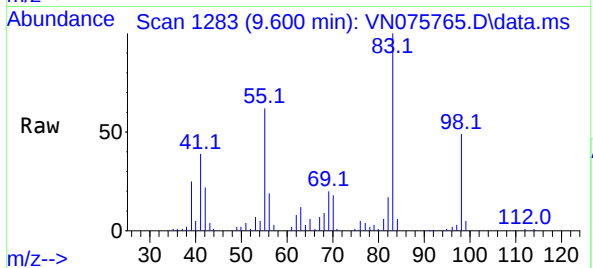




#39
Methylcyclohexane
Concen: 21.227 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

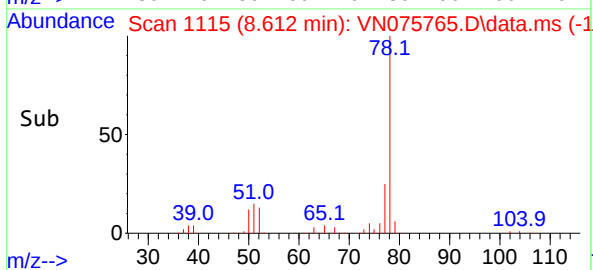
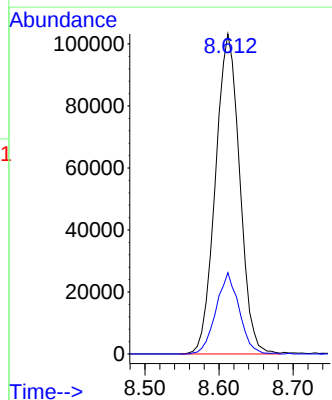
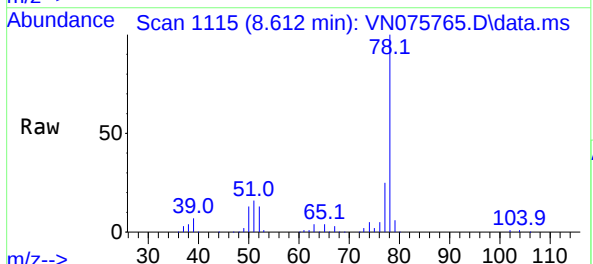
Instrument :
MSVOA_N
ClientSampleId :
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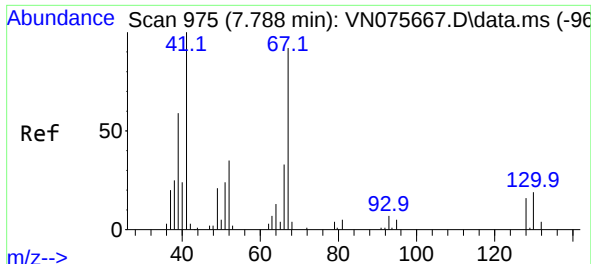
Tgt Ion: 83 Resp: 96267
Ion Ratio Lower Upper
83 100
55 62.2 51.4 77.0
98 49.1 39.8 59.8



#40
Benzene
Concen: 20.237 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

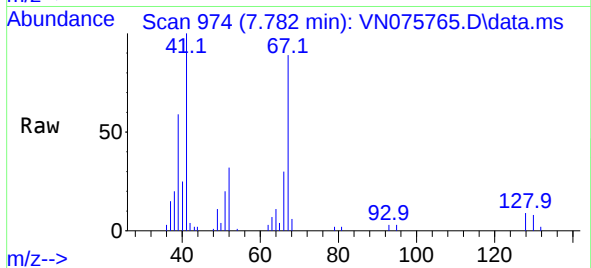
Tgt Ion: 78 Resp: 234707
Ion Ratio Lower Upper
78 100
77 25.4 18.5 27.7



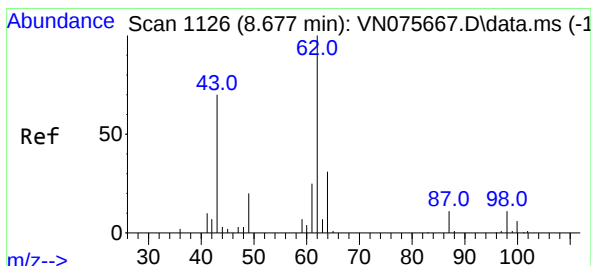
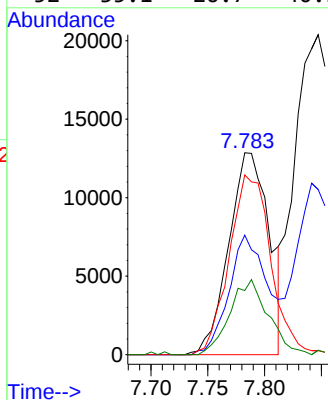
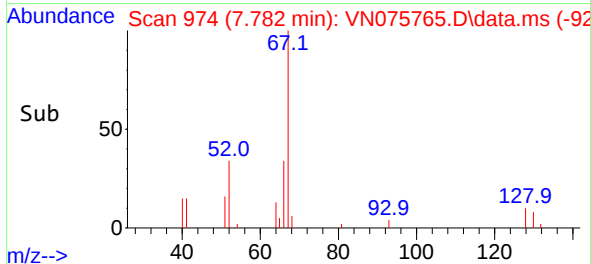


#41
Methacrylonitrile
Concen: 20.383 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

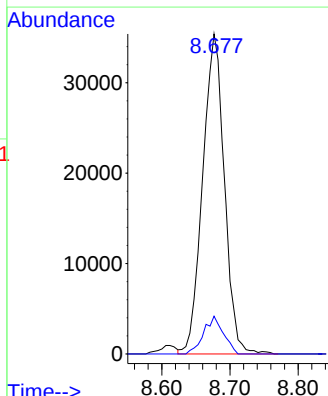
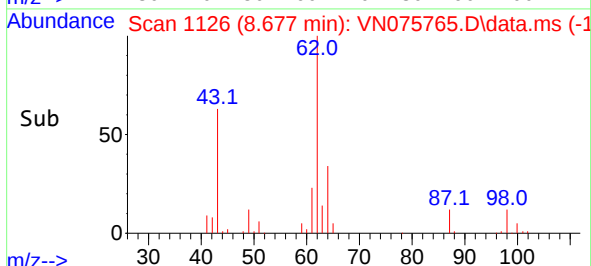
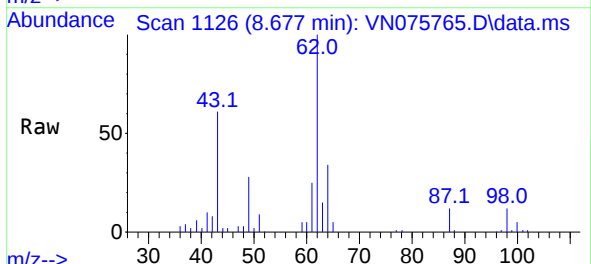


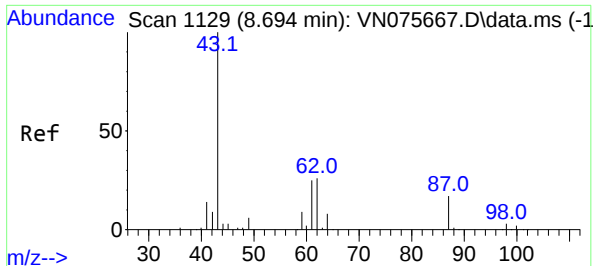
Tgt Ion: 41 Resp: 31990
Ion Ratio Lower Upper
41 100
39 55.7 43.1 64.7
67 91.7 70.7 106.1
52 35.1 26.7 40.1



#42
1,2-Dichloroethane
Concen: 20.348 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 62 Resp: 78460
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8

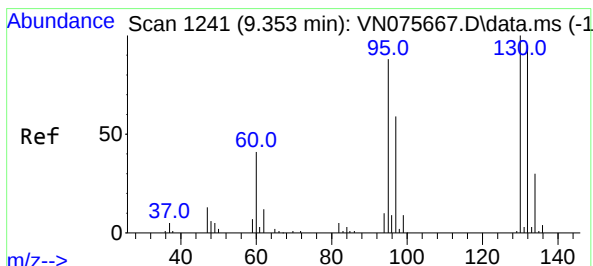
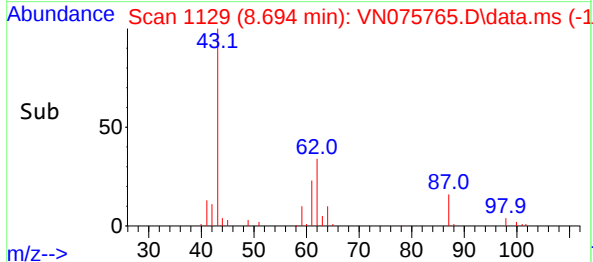
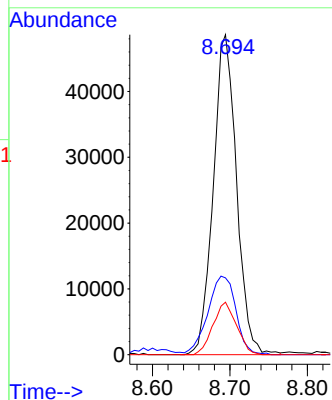
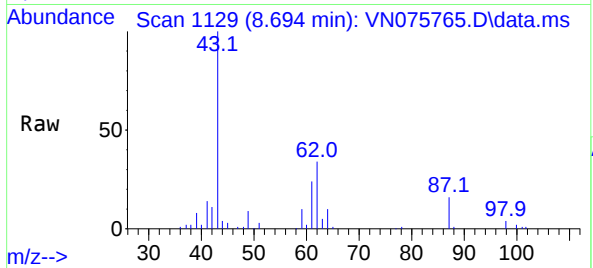




#43
Isopropyl Acetate
Concen: 20.359 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

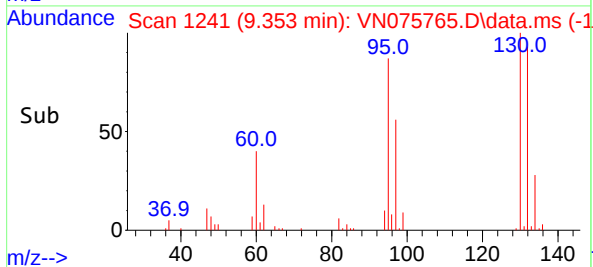
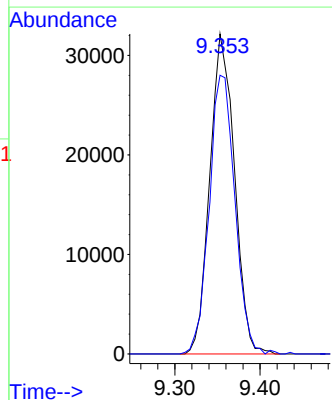
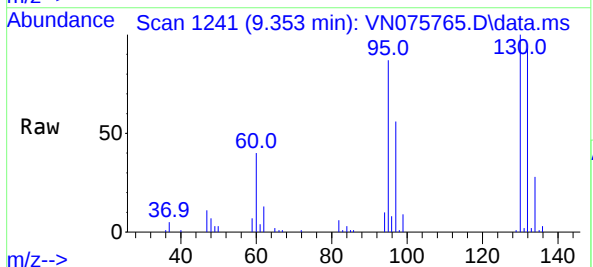
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

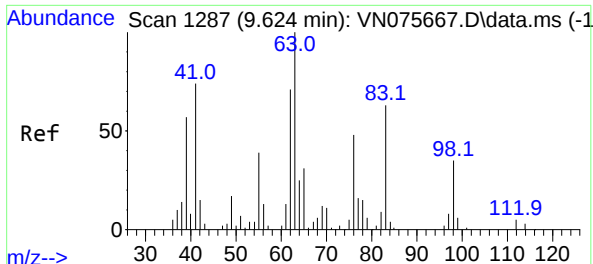
Tgt Ion: 43 Resp: 101405
Ion Ratio Lower Upper
43 100
61 29.6 24.2 36.4
87 16.6 13.3 19.9



#44
Trichloroethene
Concen: 19.812 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:130 Resp: 64735
Ion Ratio Lower Upper
130 100
95 87.1 0.0 195.4

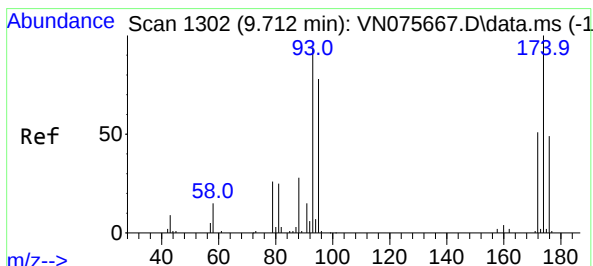
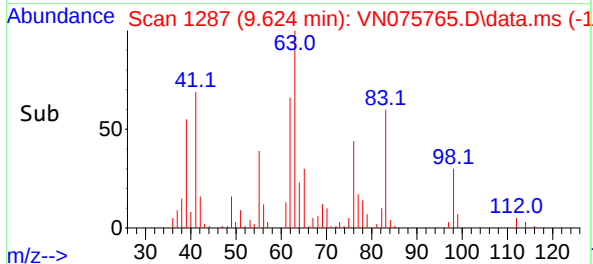
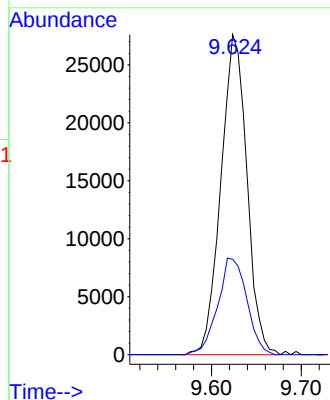
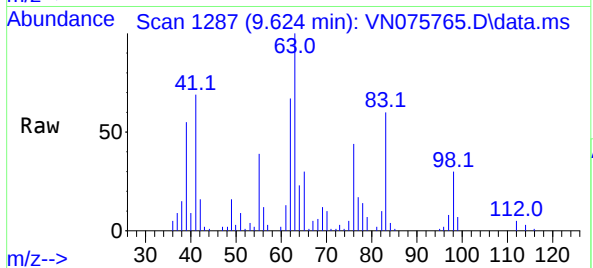




#45
1,2-Dichloropropane
Concen: 19.686 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

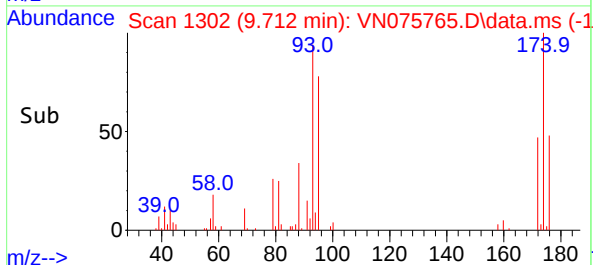
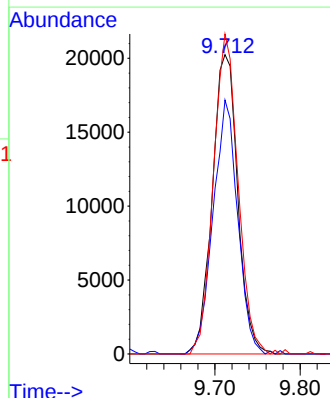
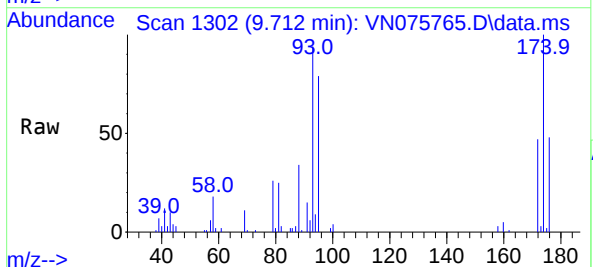
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

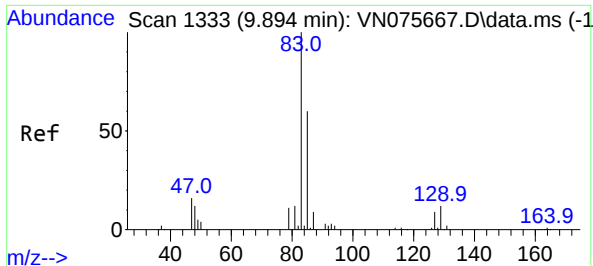
Tgt Ion: 63 Resp: 55561
Ion Ratio Lower Upper
63 100
65 29.8 25.7 38.5



#46
Dibromomethane
Concen: 20.108 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 93 Resp: 42092
Ion Ratio Lower Upper
93 100
95 81.7 65.2 97.8
174 103.2 82.4 123.6

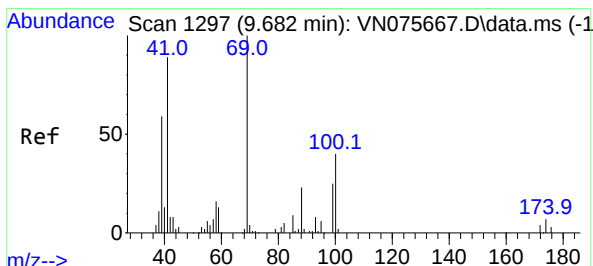
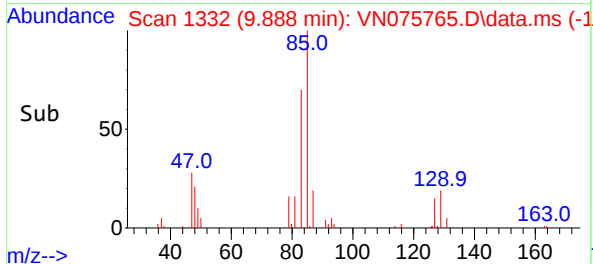
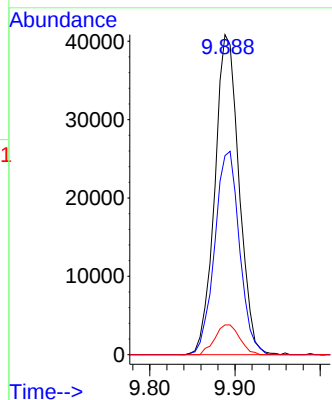
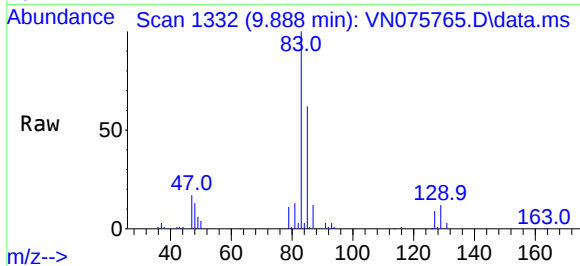




#47
Bromodichloromethane
Concen: 19.636 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

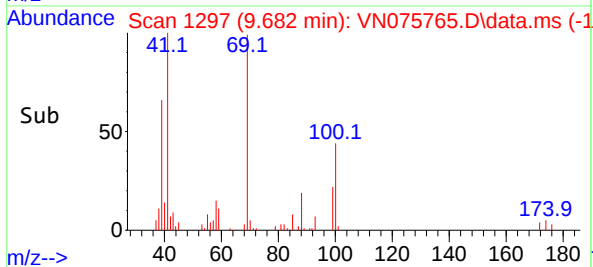
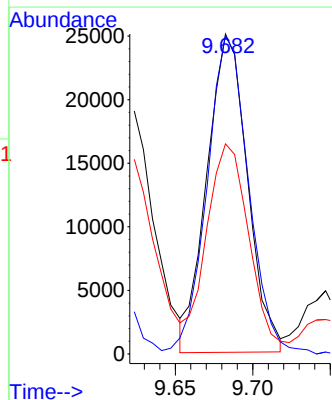
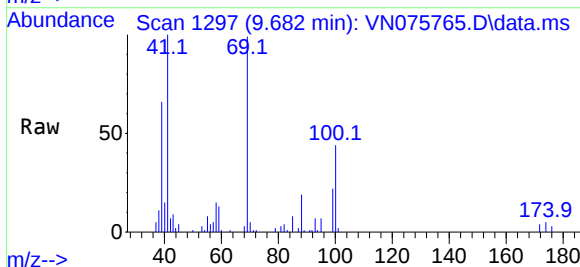
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

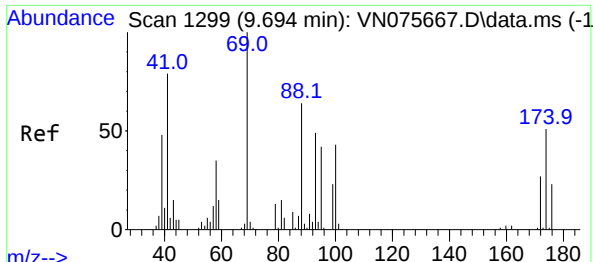
Tgt Ion: 83 Resp: 80606
Ion Ratio Lower Upper
83 100
85 62.2 51.5 77.3
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 20.269 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 41 Resp: 45469
Ion Ratio Lower Upper
41 100
69 102.9 81.9 122.9
39 70.5 51.6 77.4

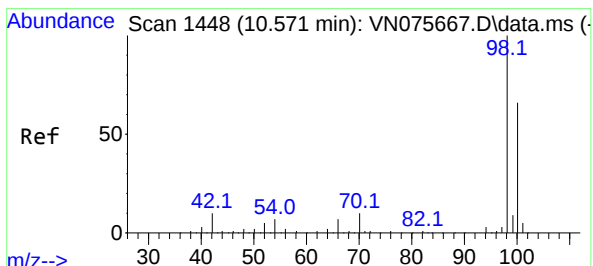
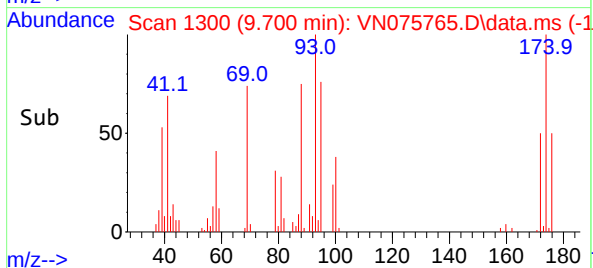
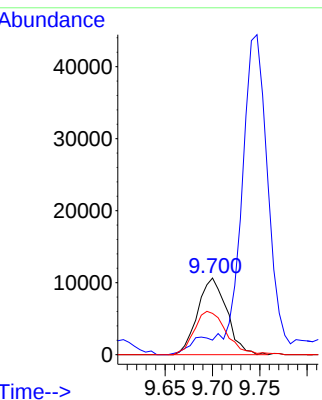
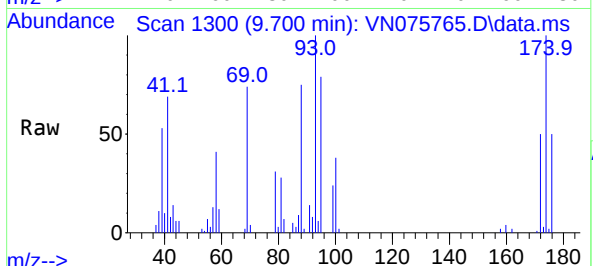




#49
1,4-Dioxane
Concen: 413.233 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

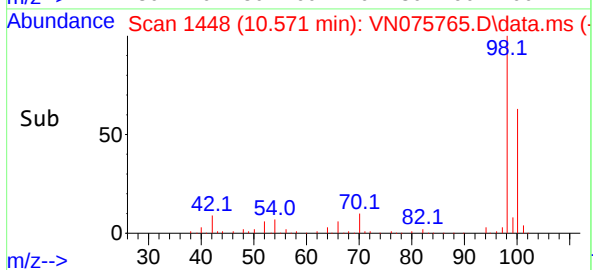
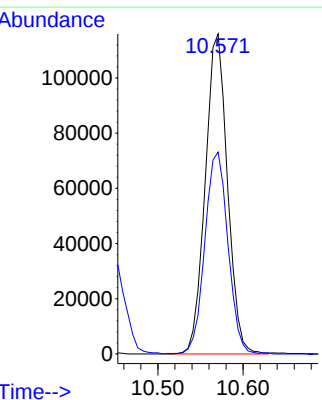
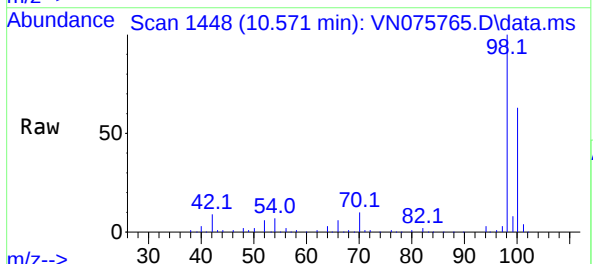
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

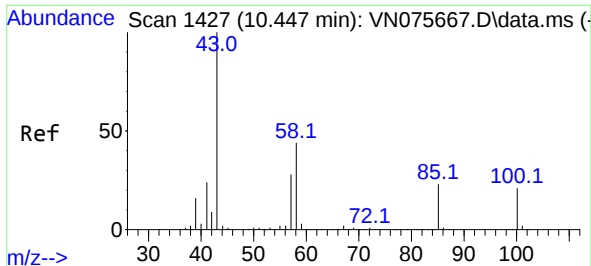
Tgt Ion: 88 Resp: 22790
Ion Ratio Lower Upper
88 100
43 18.3 17.1 25.7
58 62.5 47.8 71.8



#50
Toluene-d8
Concen: 19.833 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 98 Resp: 209838
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

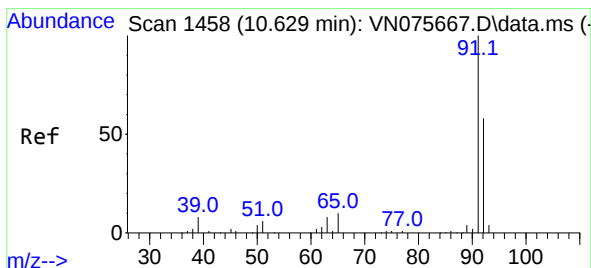
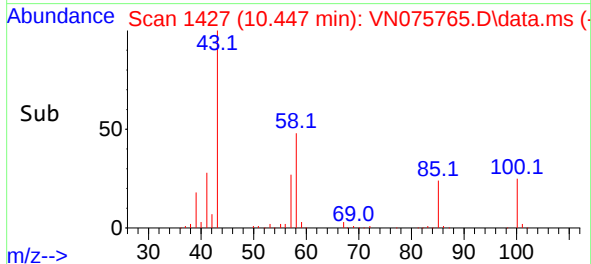
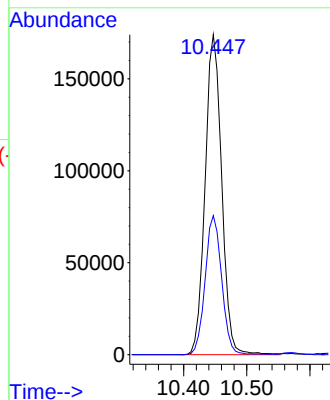
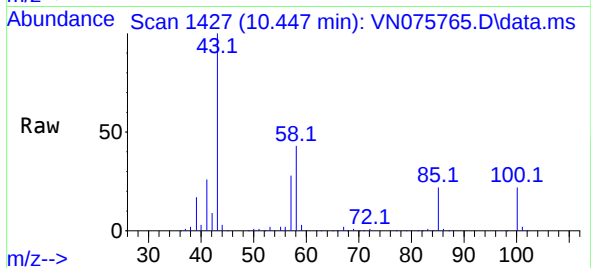




#51
4-Methyl-2-Pentanone
Concen: 105.423 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

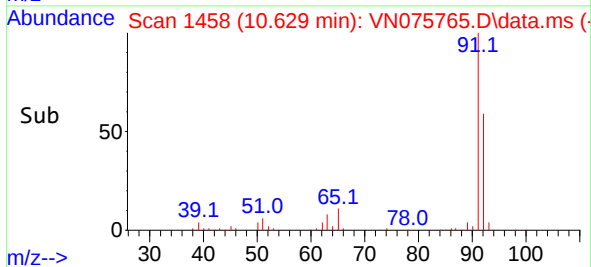
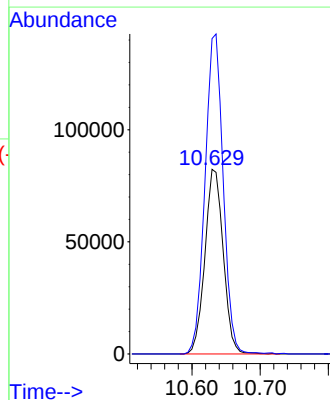
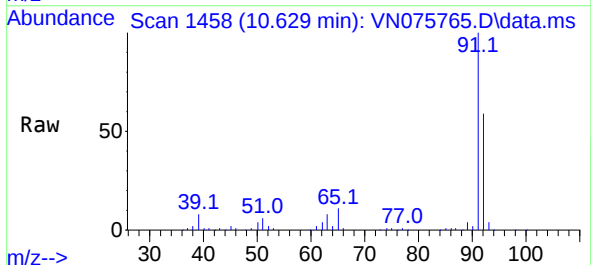
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

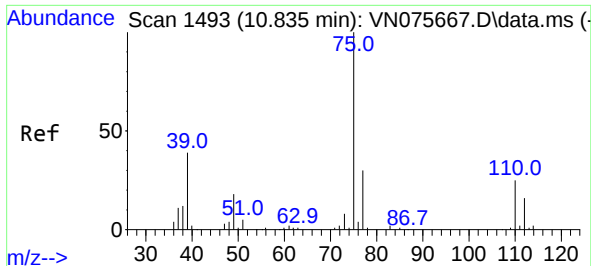
Tgt Ion: 43 Resp: 317554
Ion Ratio Lower Upper
43 100
58 43.4 35.5 53.3



#52
Toluene
Concen: 20.373 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 92 Resp: 153884
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9

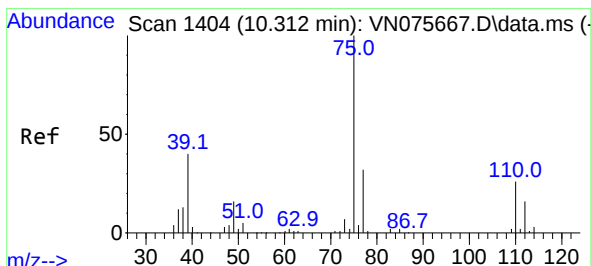
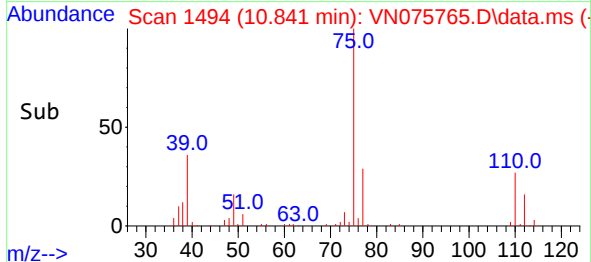
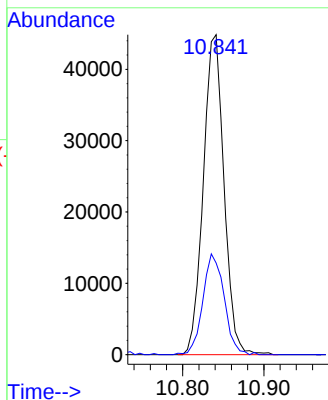
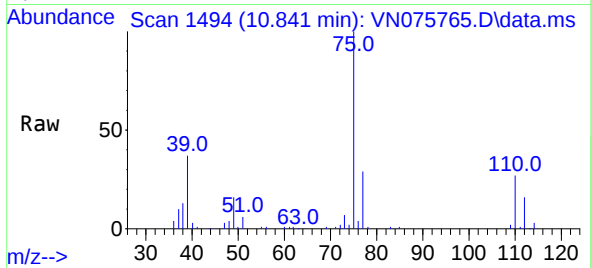




#53
 t-1,3-Dichloropropene
 Concen: 19.769 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

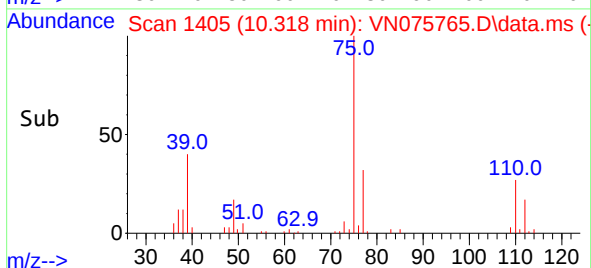
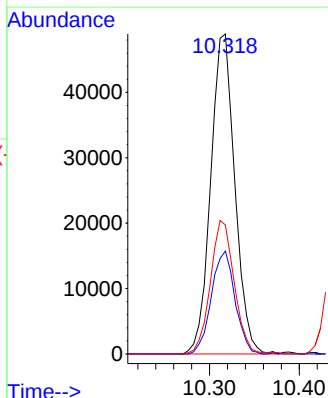
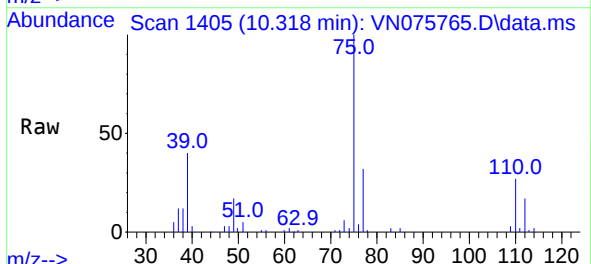
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

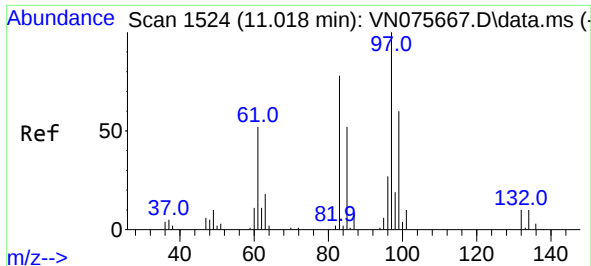
Tgt Ion: 75 Resp: 79442
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.682 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion: 75 Resp: 91249
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 39 40.3 33.4 50.2



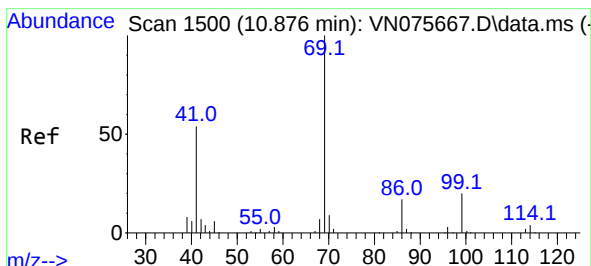
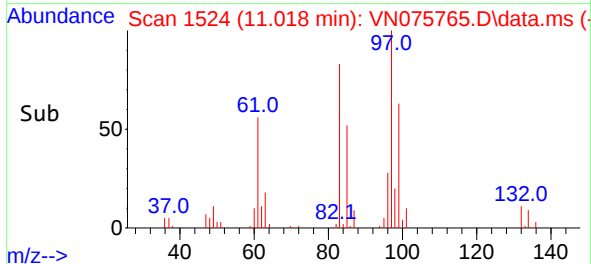
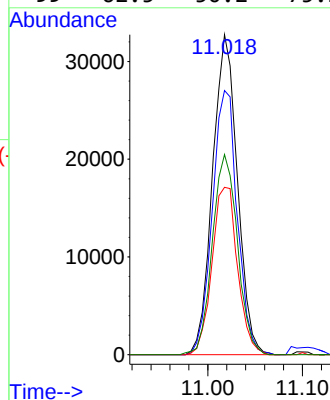
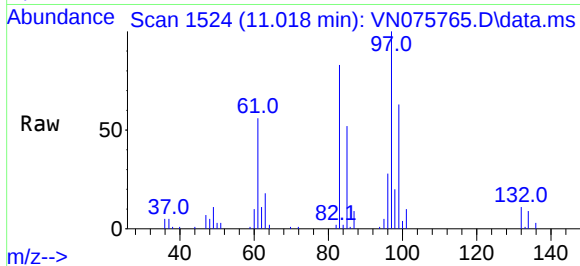


#55
1,1,2-Trichloroethane
Concen: 20.100 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 59592

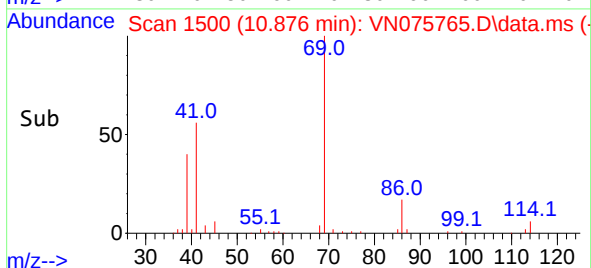
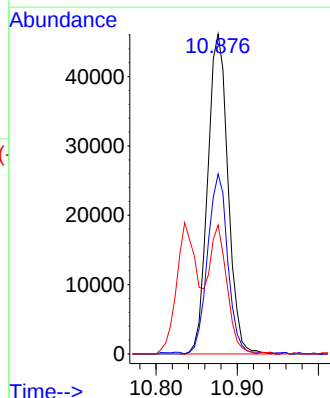
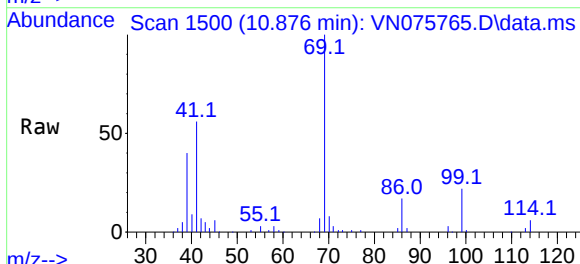
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.0	97.4
85	52.3	43.0	64.6
99	62.5	50.2	75.2

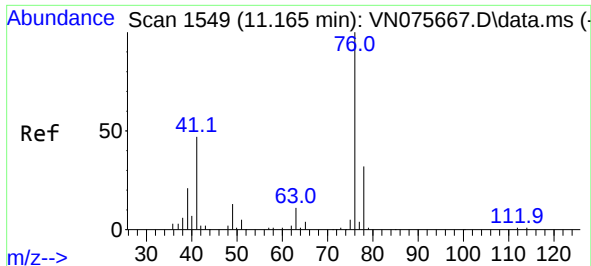


#56
Ethyl methacrylate
Concen: 20.356 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 69 Resp: 80162

Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.2	66.4
39	34.6	26.4	39.6





#57

1,3-Dichloropropane

Concen: 20.302 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

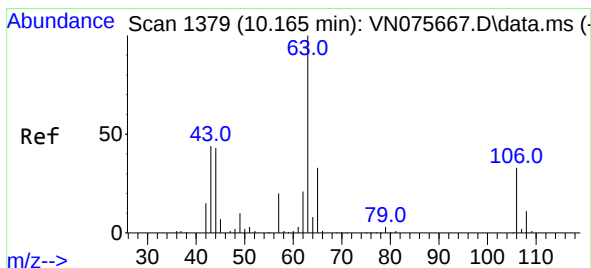
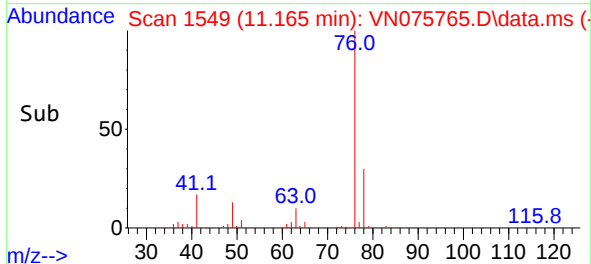
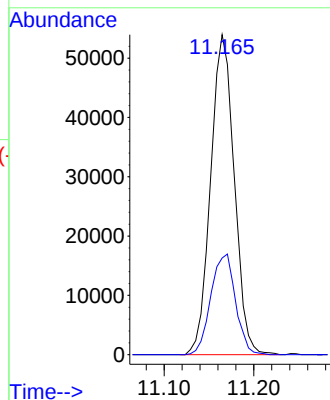
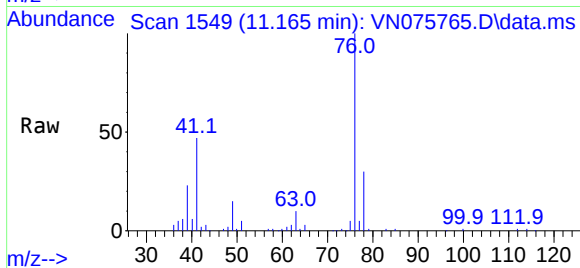
VSTDIC020

Tgt Ion: 76 Resp: 98732

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 103.091 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075765.D

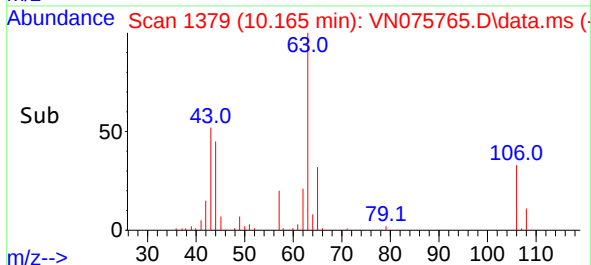
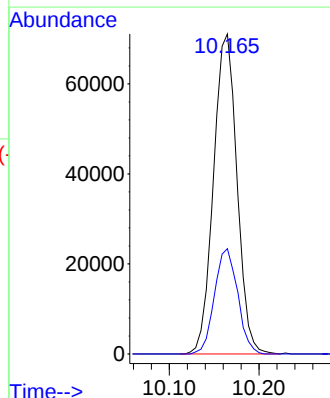
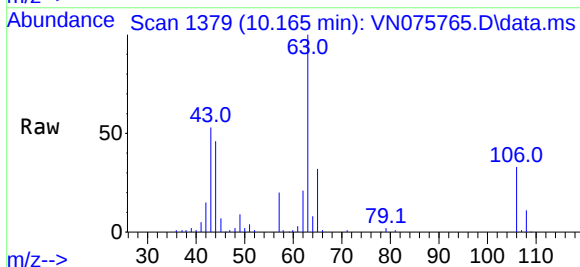
Acq: 14 Dec 2022 11:44

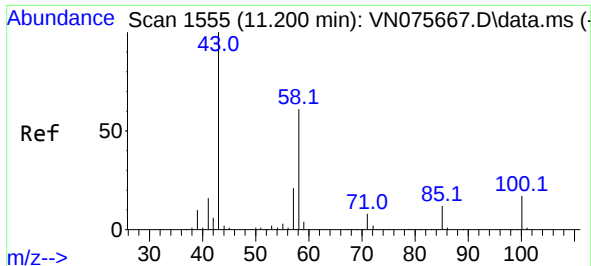
Tgt Ion: 63 Resp: 129255

Ion Ratio Lower Upper

63 100

106 32.4 26.4 39.6

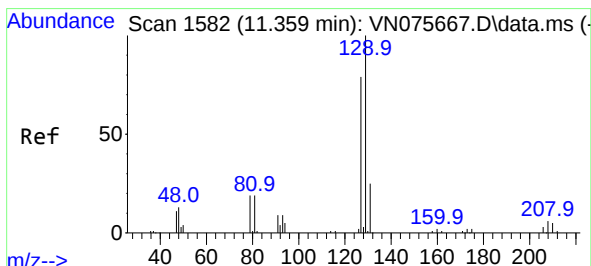
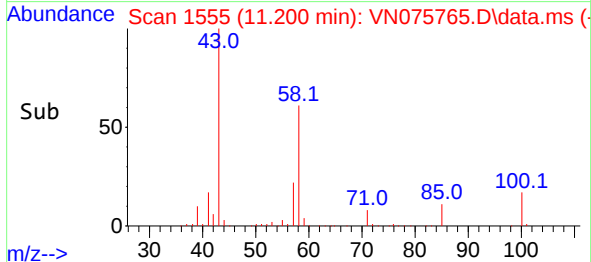
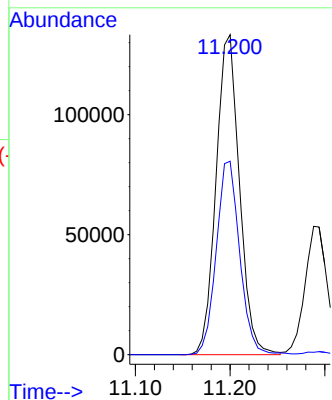
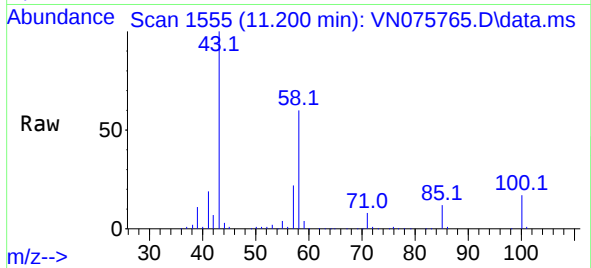




#59
2-Hexanone
Concen: 104.310 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

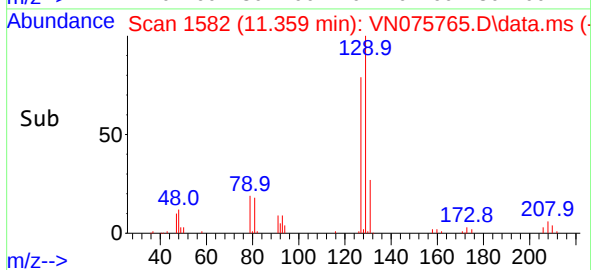
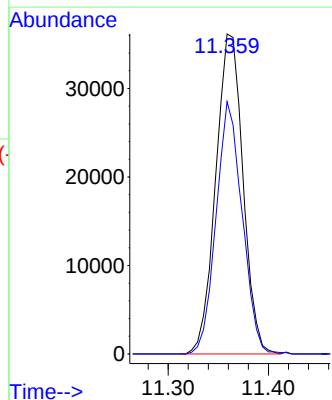
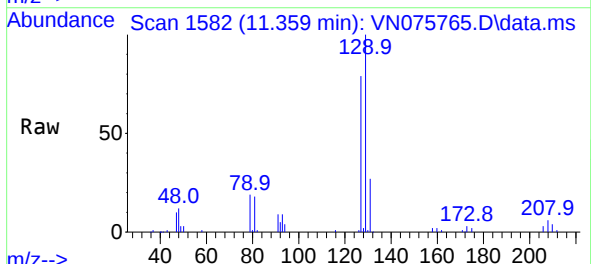
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MSVOA_N
ClientSampleId :
VSTDICC020

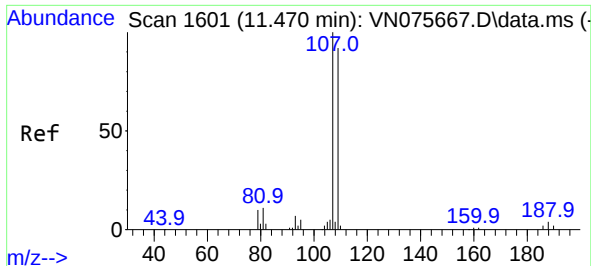
Tgt Ion: 43 Resp: 229137
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0



#60
Dibromochloromethane
Concen: 20.688 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 129 Resp: 68211
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.9

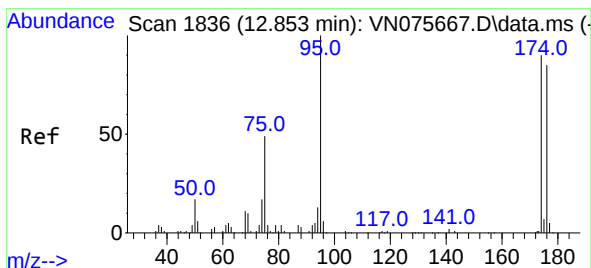
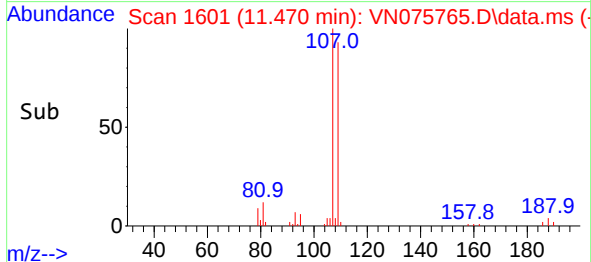
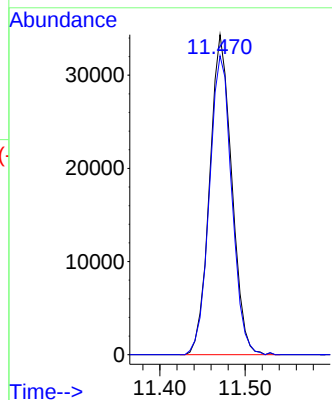
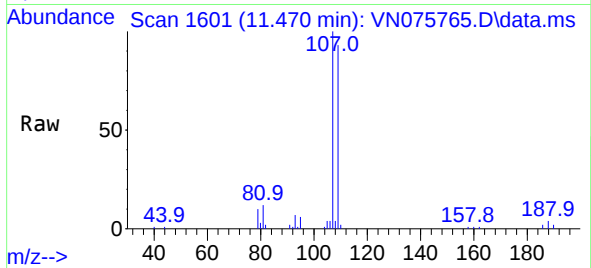




#61
1,2-Dibromoethane
Concen: 20.630 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

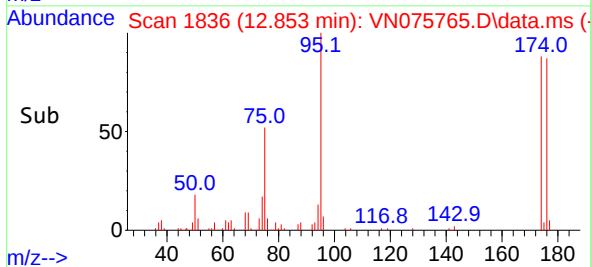
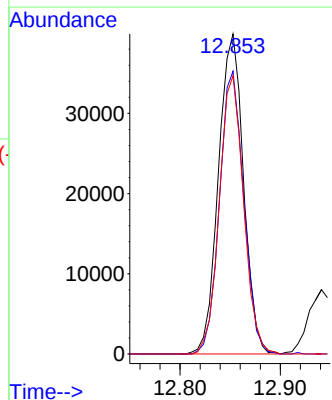
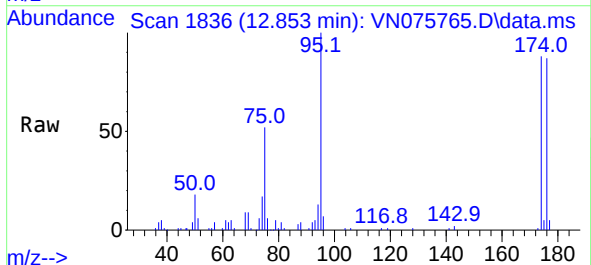
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

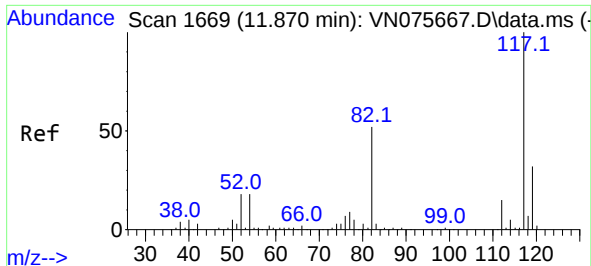
Tgt Ion:107 Resp: 61896
Ion Ratio Lower Upper
107 100
109 94.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 19.695 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 95 Resp: 69015
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 84.0 0.0 169.2

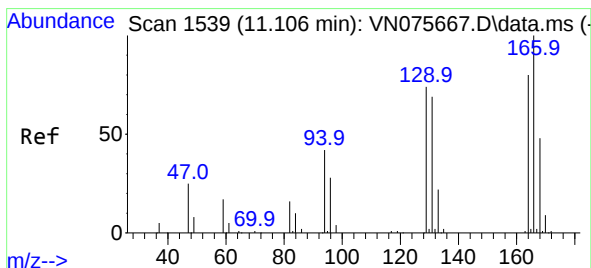
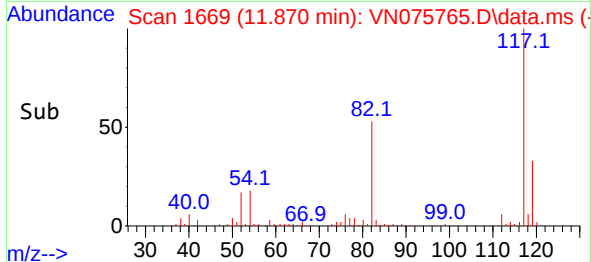
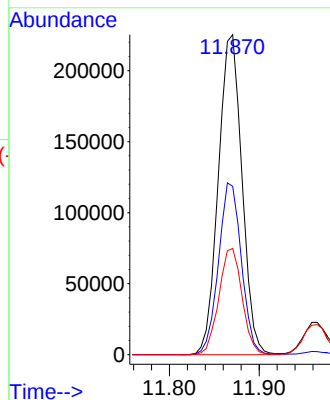
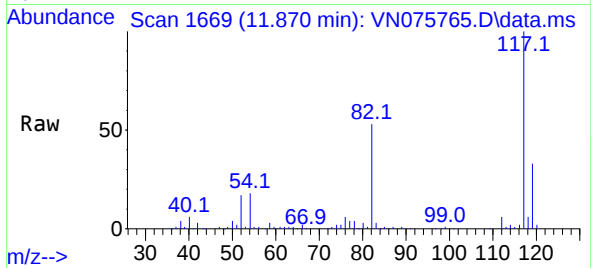




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

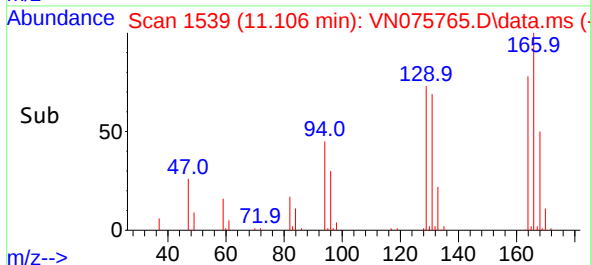
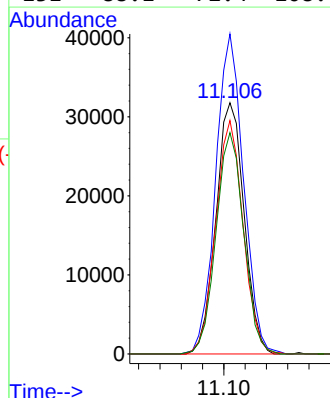
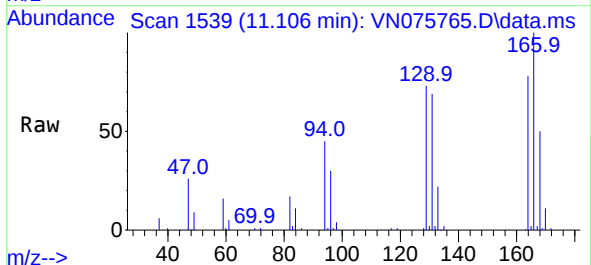
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

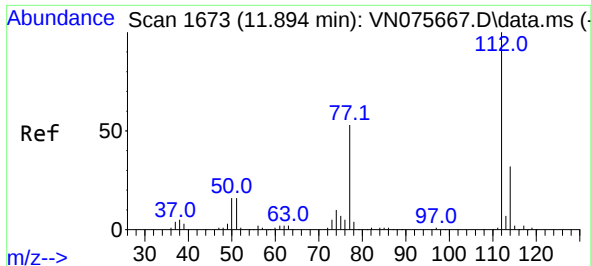
Tgt Ion:117 Resp: 412295
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 33.2 24.6 37.0



#64
Tetrachloroethene
Concen: 20.115 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:164 Resp: 58358
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 93.0 74.2 111.2
131 88.1 72.4 108.6

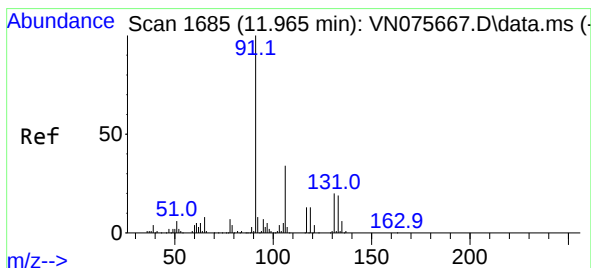
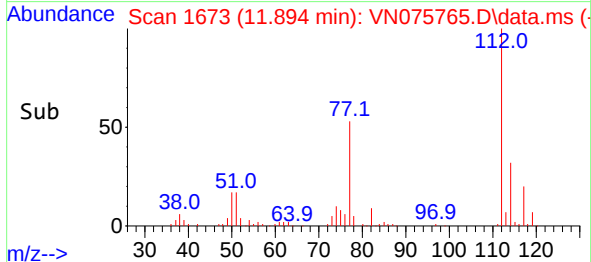
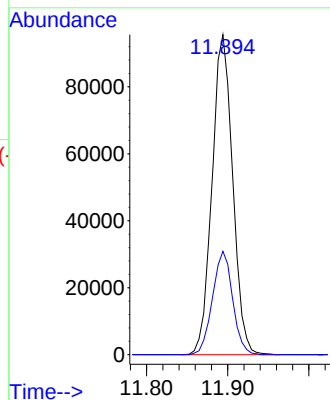
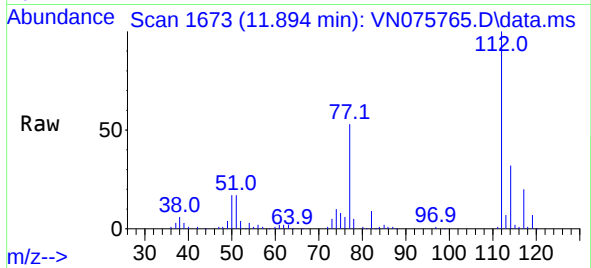




#65
Chlorobenzene
Concen: 19.934 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

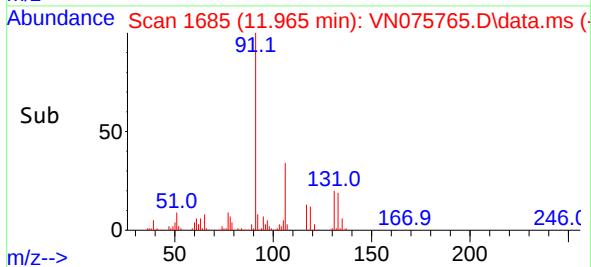
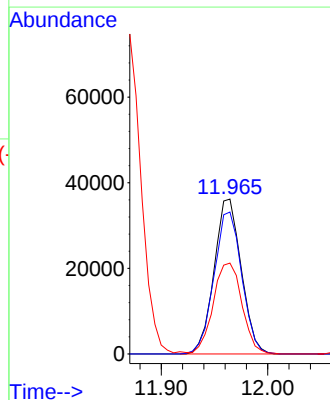
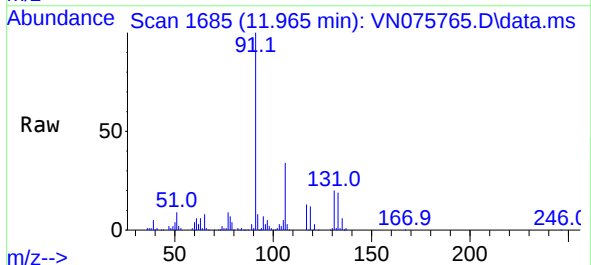
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

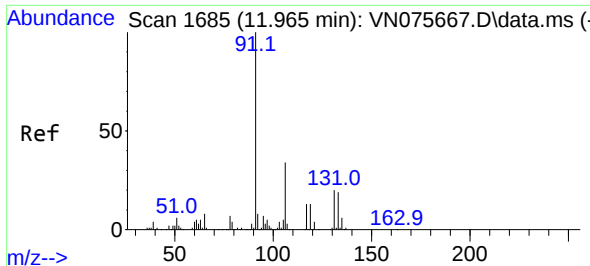
Tgt Ion:112 Resp: 168688
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.436 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:131 Resp: 64053
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 62.2 31.9 95.7

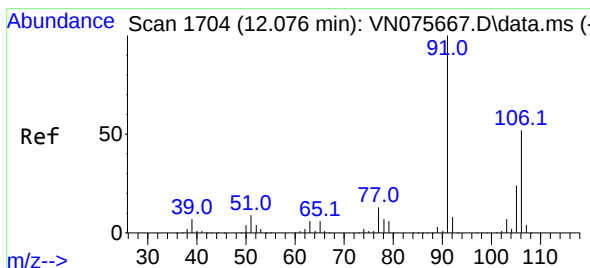
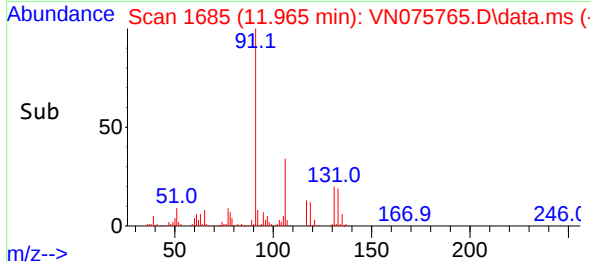
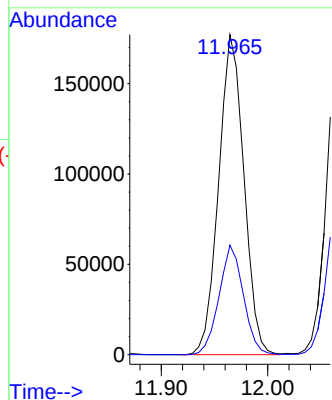
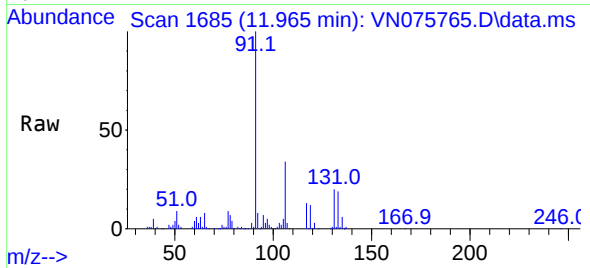




#67
Ethyl Benzene
Concen: 20.384 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

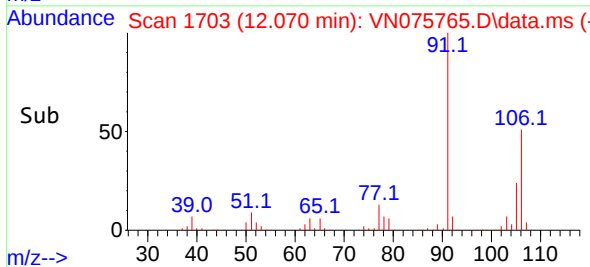
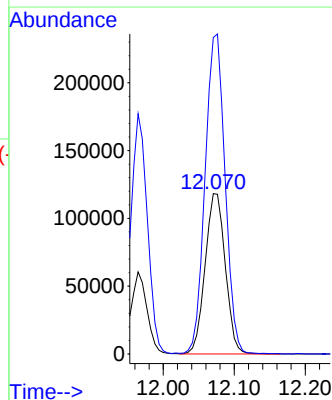
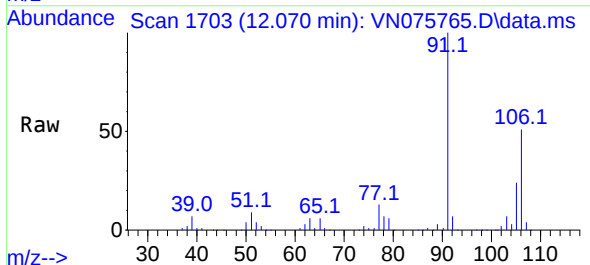
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

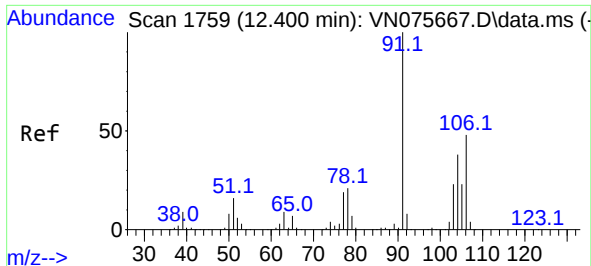
Tgt Ion: 91 Resp: 291128
Ion Ratio Lower Upper
91 100
106 34.2 25.7 38.5



#68
m/p-Xylenes
Concen: 41.301 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:106 Resp: 233470
Ion Ratio Lower Upper
106 100
91 198.0 156.6 235.0

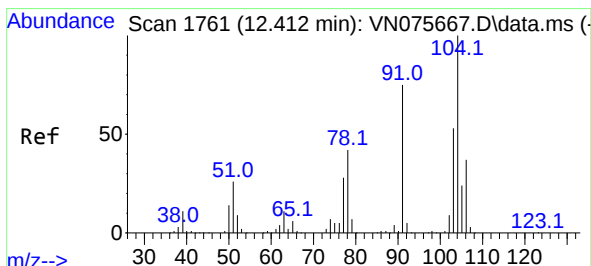
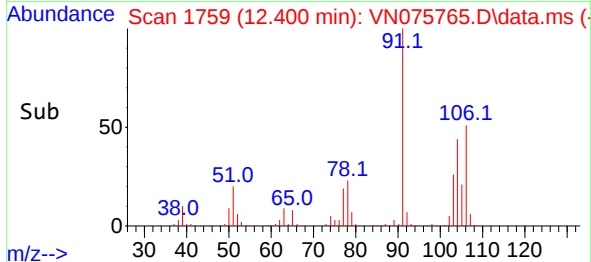
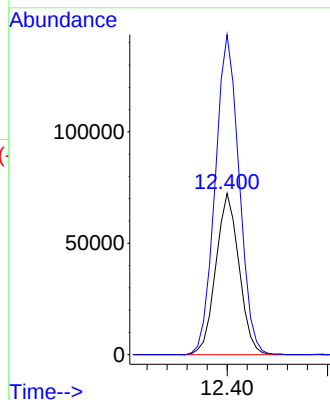
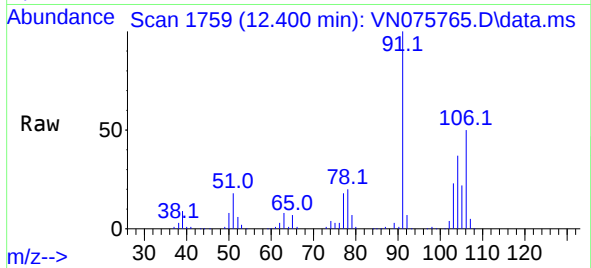




#69
o-Xylene
Concen: 20.822 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

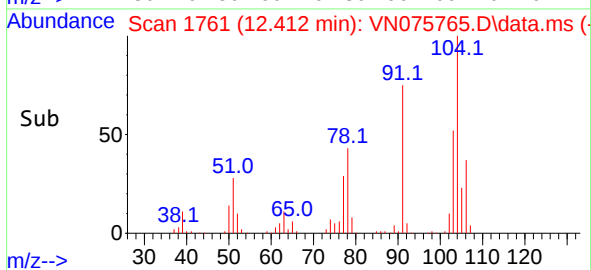
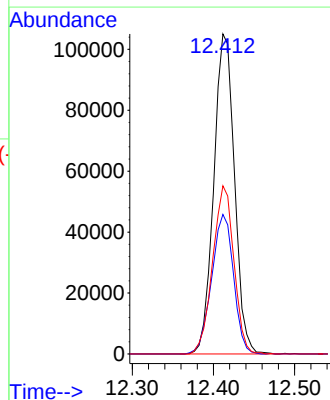
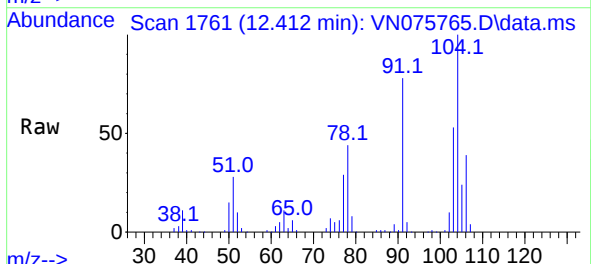
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

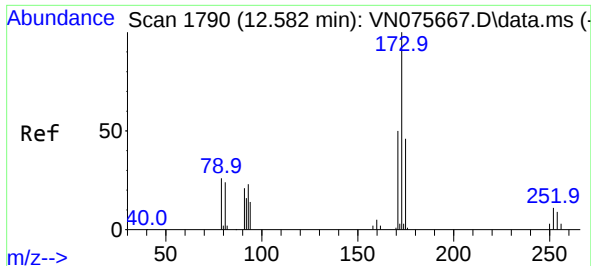
Tgt Ion:106 Resp: 116480
Ion Ratio Lower Upper
106 100
91 204.9 103.8 311.6



#70
Styrene
Concen: 20.950 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:104 Resp: 186346
Ion Ratio Lower Upper
104 100
78 46.0 37.5 56.3
103 53.9 43.5 65.3

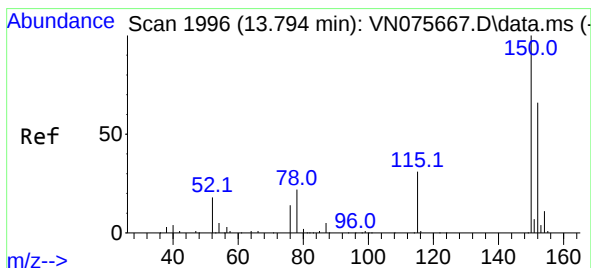
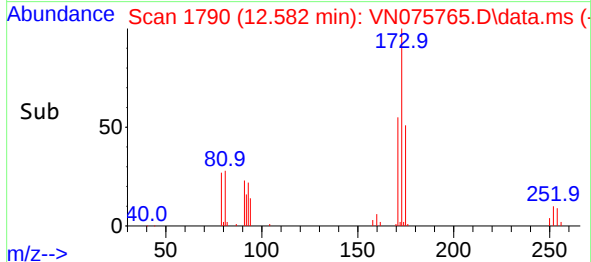
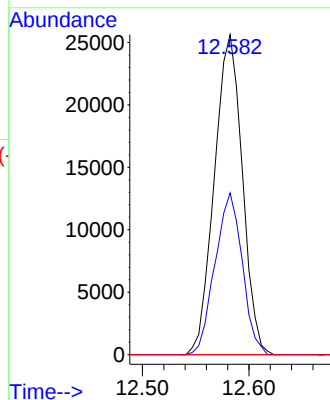
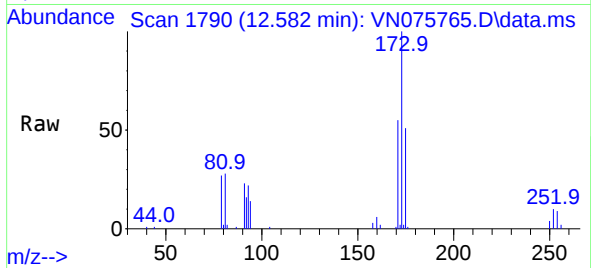




#71
Bromoform
Concen: 20.469 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

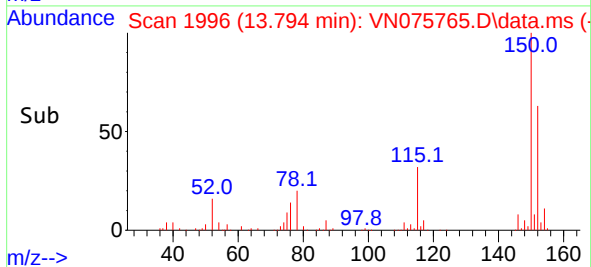
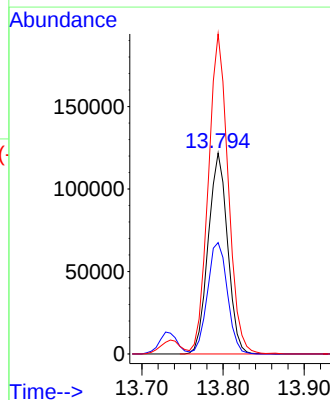
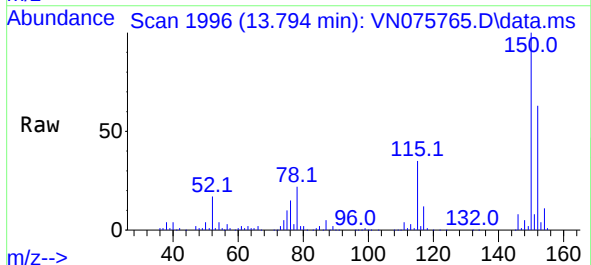
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

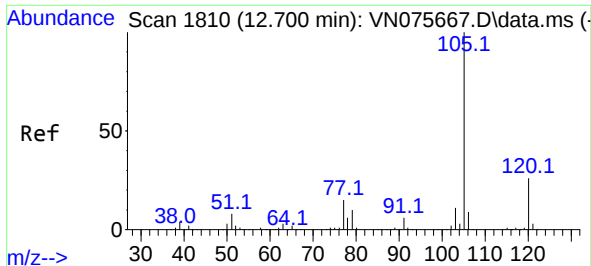
Tgt Ion:173 Resp: 46684
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:152 Resp: 201486
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 163.3 0.0 347.0

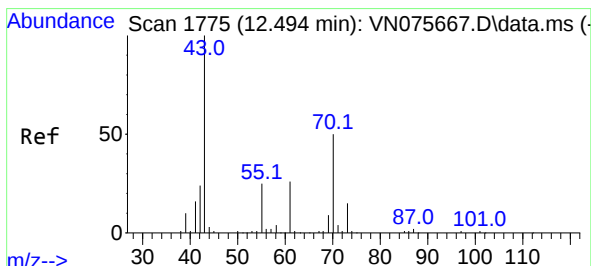
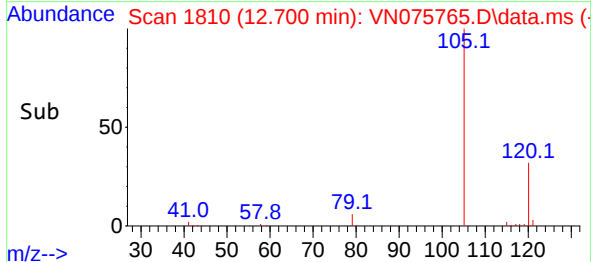
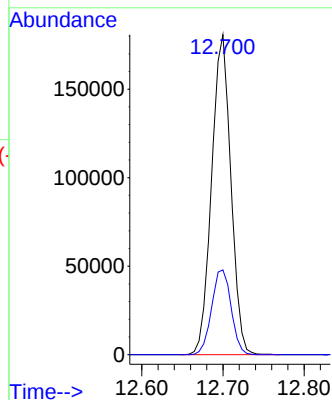
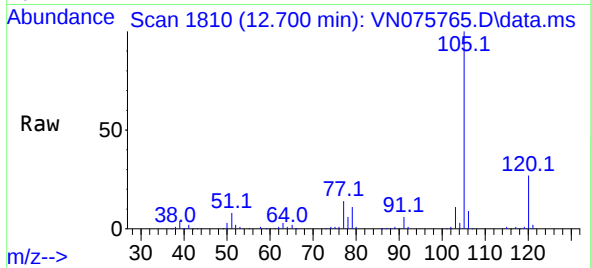




#73
Isopropylbenzene
Concen: 20.426 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

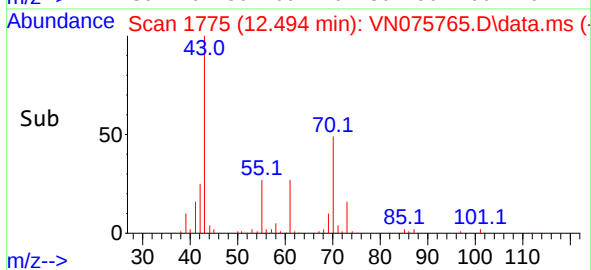
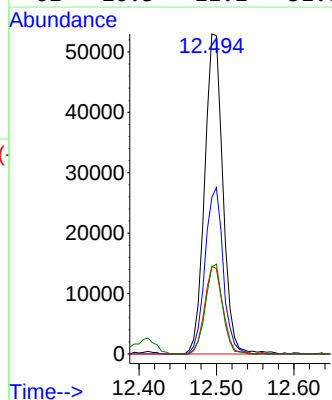
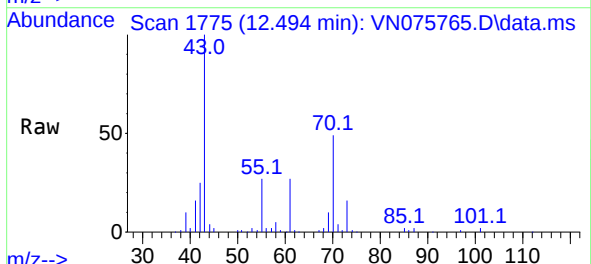
Instrument :
MSVOA_N
ClientSampleId :
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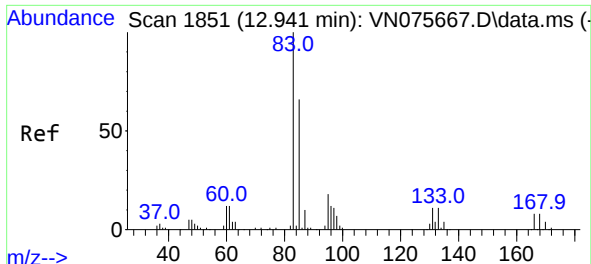
Tgt Ion:105 Resp: 297410
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 20.268 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 43 Resp: 86574
Ion Ratio Lower Upper
43 100
70 51.5 41.4 62.0
55 27.4 21.3 31.9
61 26.3 21.2 31.8

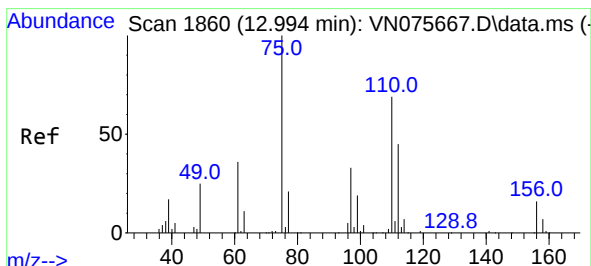
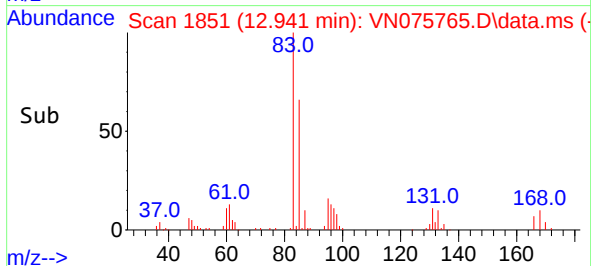
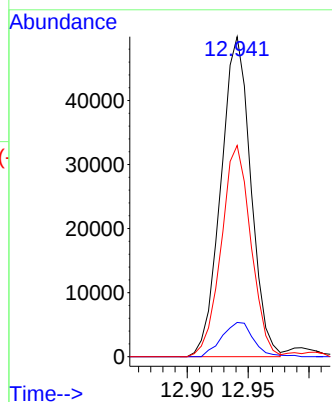
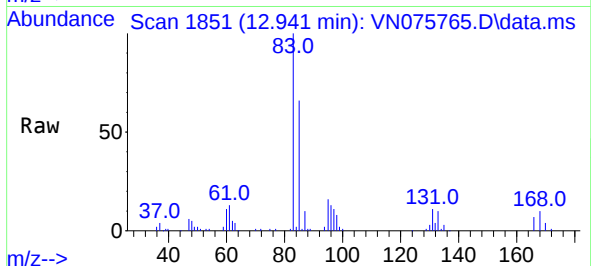




#75
1,1,2,2-Tetrachloroethane
Concen: 18.939 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

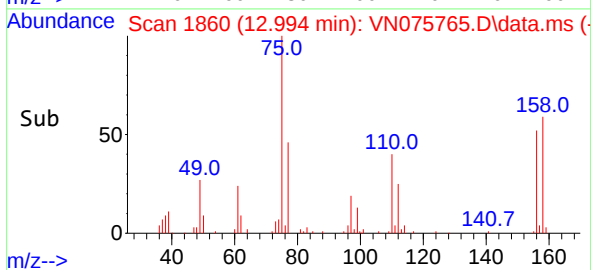
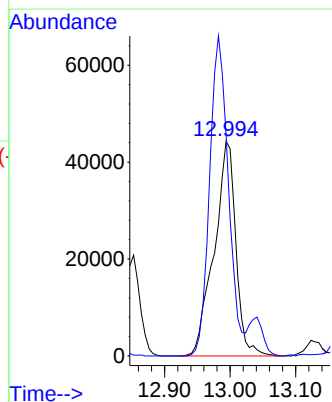
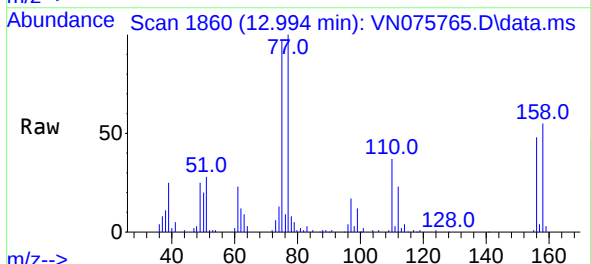
Instrument :
MSVOA_N
ClientSampleId :
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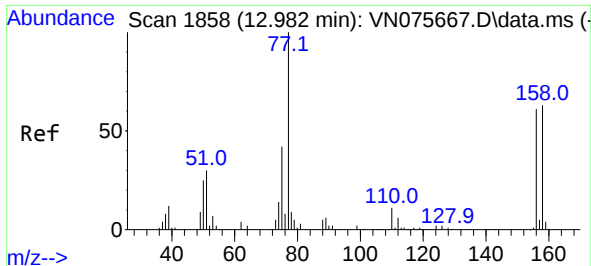
Tgt Ion: 83 Resp: 85247
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 65.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 25.020 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 75 Resp: 101617
Ion Ratio Lower Upper
75 100
77 129.6 82.6 247.8

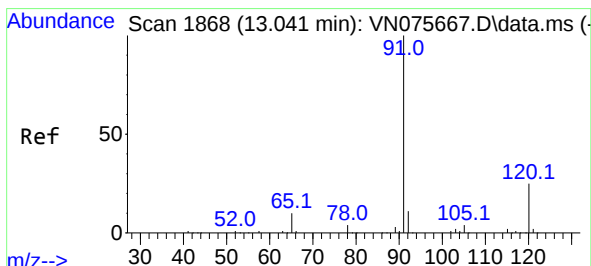
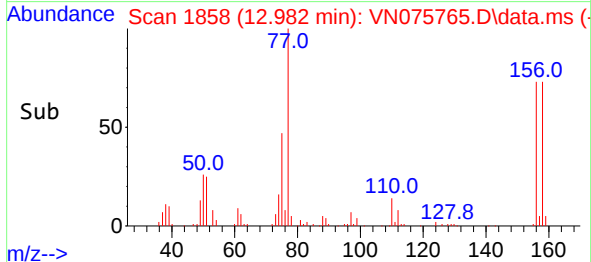
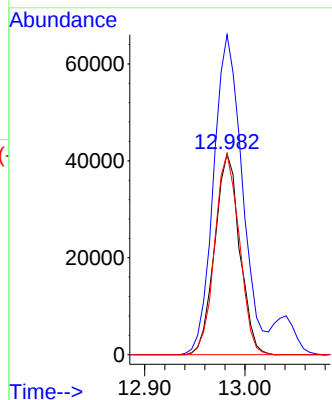
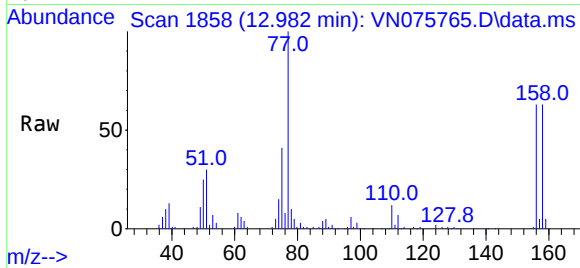




#77
Bromobenzene
Concen: 19.528 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

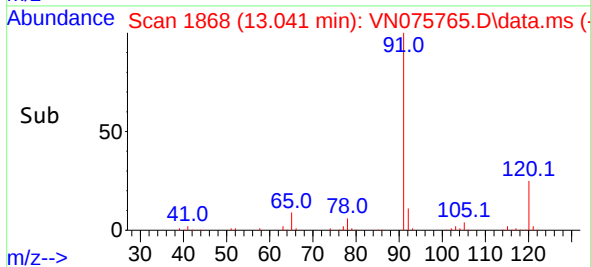
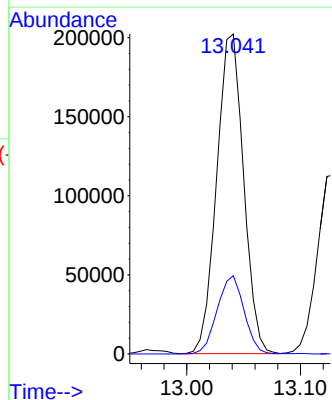
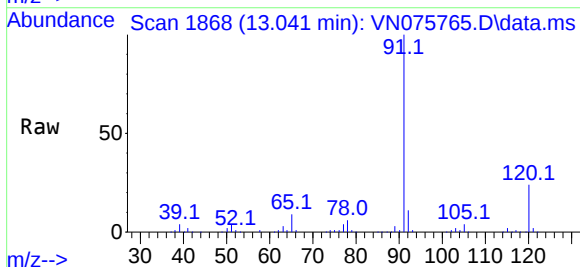
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

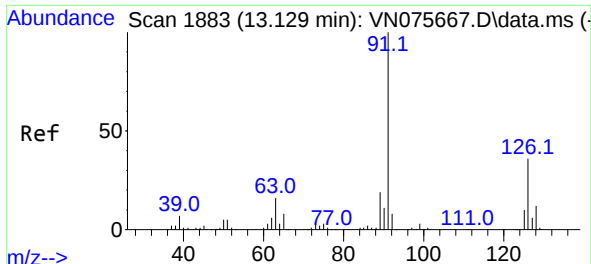
Tgt Ion:156 Resp: 71959
Ion Ratio Lower Upper
156 100
77 183.0 93.8 281.3
158 98.5 48.9 146.6



#78
n-propylbenzene
Concen: 20.704 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 91 Resp: 332491
Ion Ratio Lower Upper
91 100
120 24.4 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.871 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

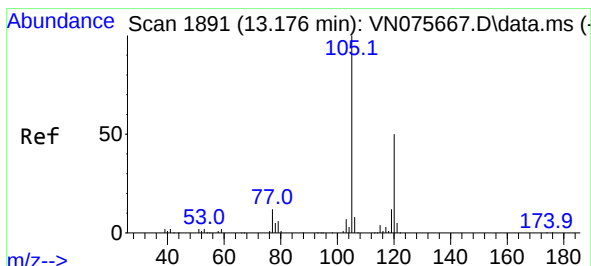
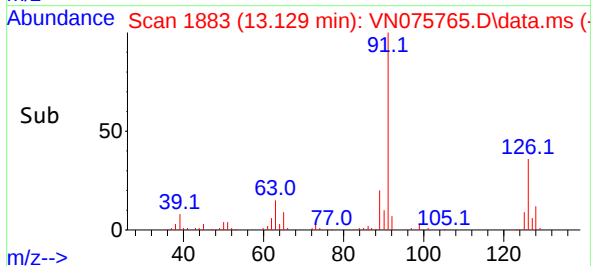
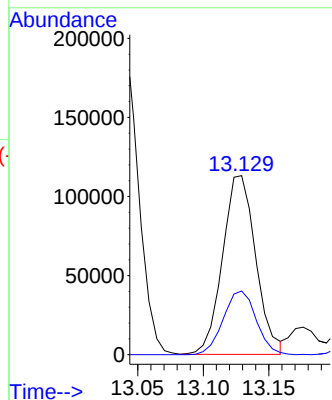
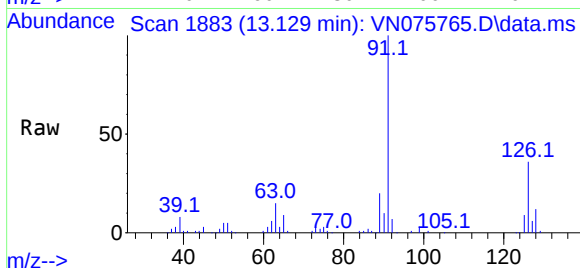
VSTDICC020

Tgt Ion: 91 Resp: 199196

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.860 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN075765.D

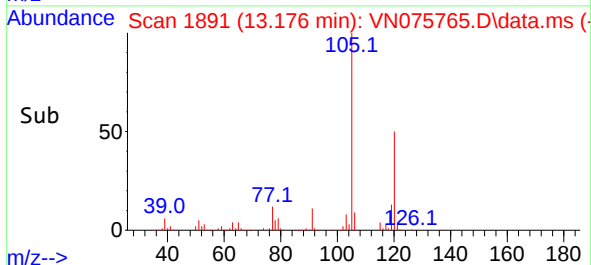
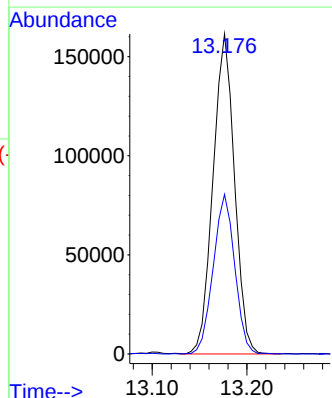
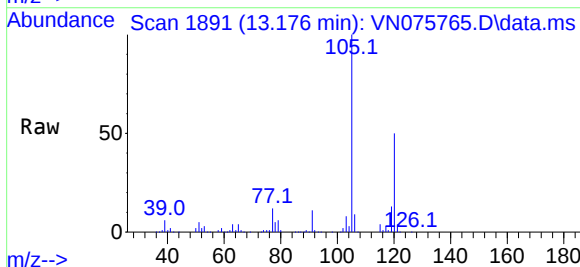
Acq: 14 Dec 2022 11:44

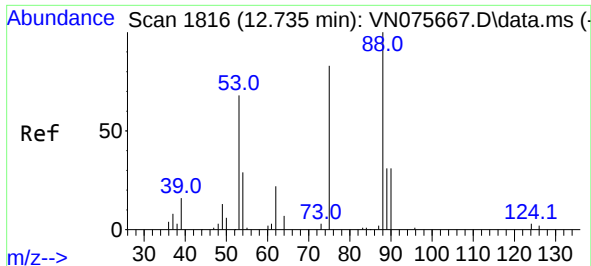
Tgt Ion:105 Resp: 254208

Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1

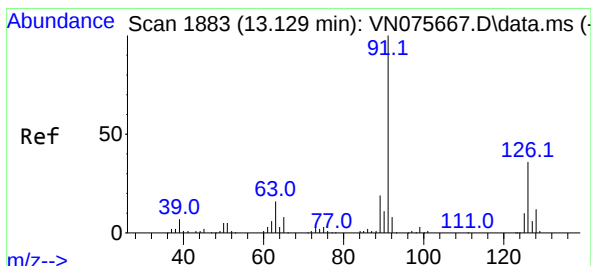
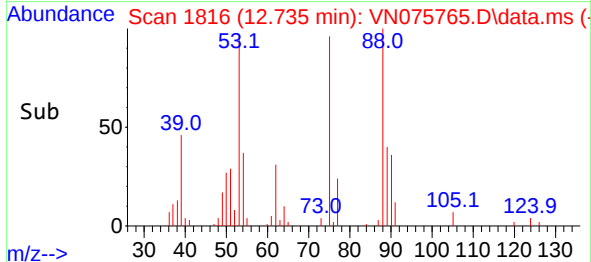
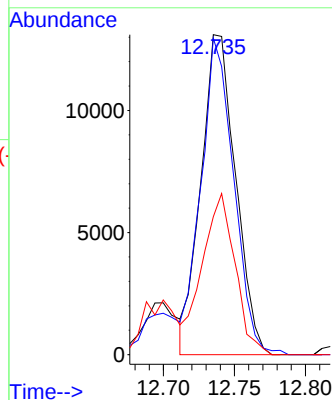
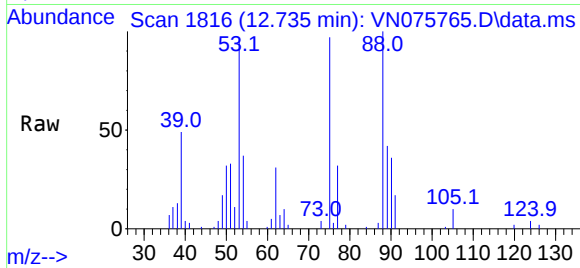




#81
trans-1,4-Dichloro-2-butene
Concen: 19.699 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

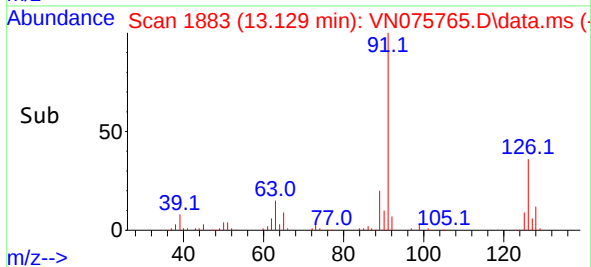
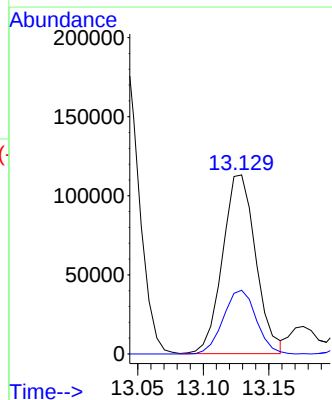
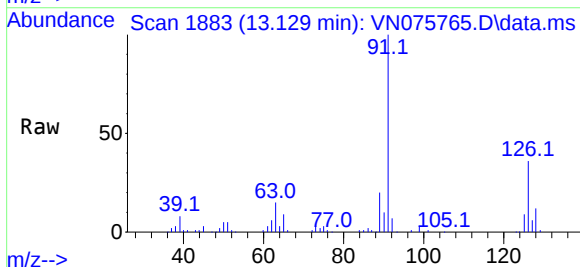
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

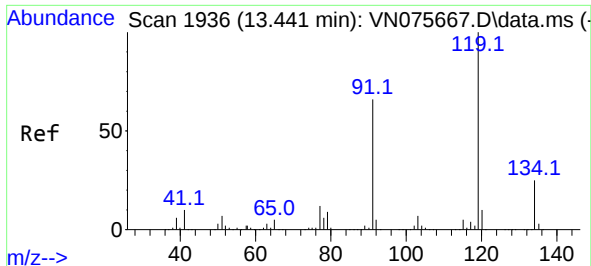
Tgt Ion: 75 Resp: 22227
Ion Ratio Lower Upper
75 100
53 93.9 73.8 110.6
89 48.0 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.871 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 91 Resp: 199196
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.5

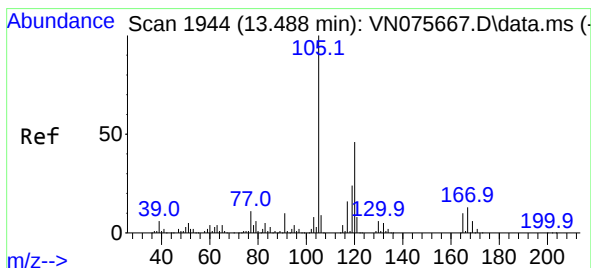
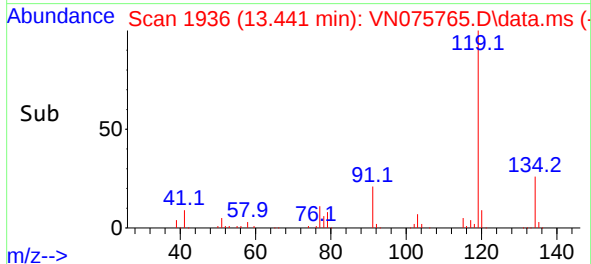
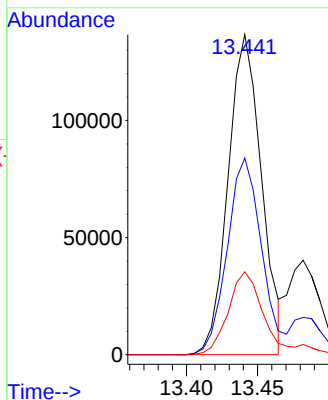
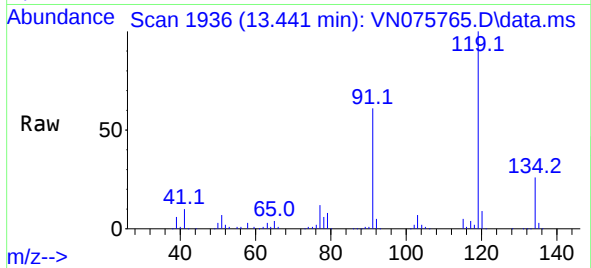




#83
tert-Butylbenzene
Concen: 20.779 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

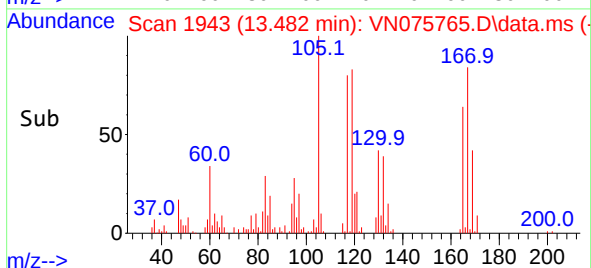
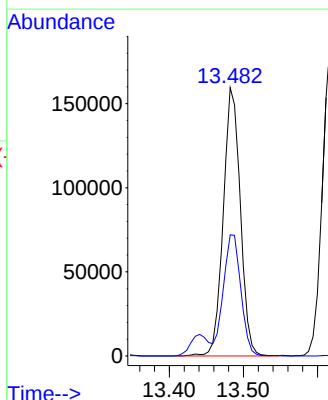
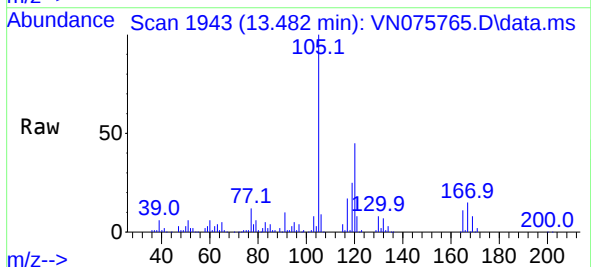
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

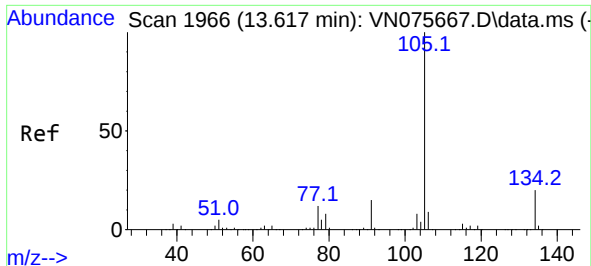
Tgt Ion:119 Resp: 223256
Ion Ratio Lower Upper
119 100
91 63.5 31.9 95.5
134 28.5 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 21.097 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:105 Resp: 255051
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8

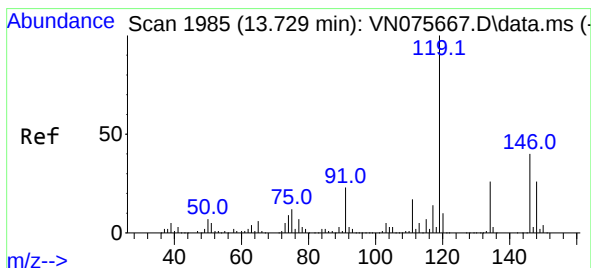
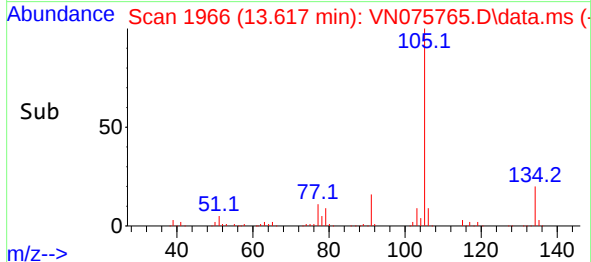
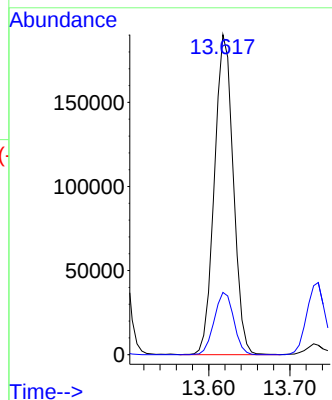
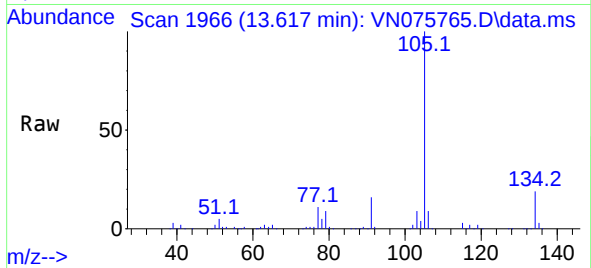




#85
 sec-Butylbenzene
 Concen: 20.732 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

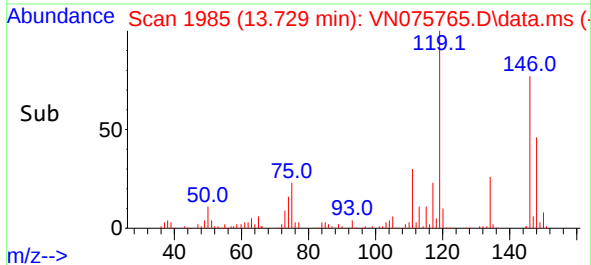
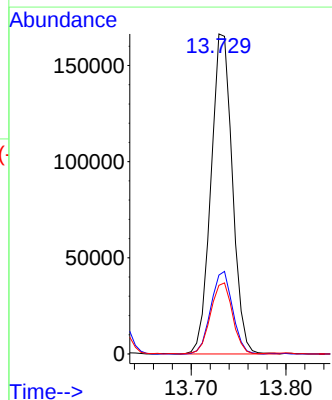
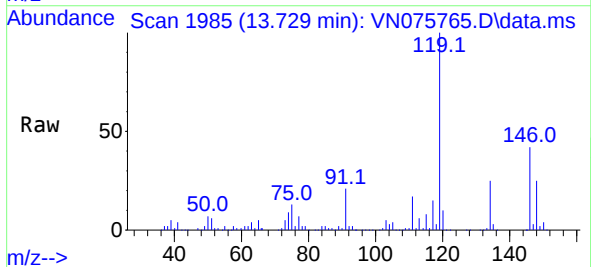
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

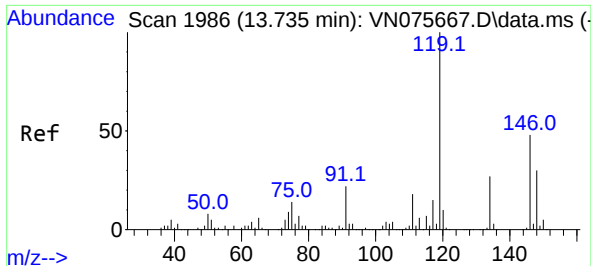
Tgt Ion:105 Resp: 307444
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.148 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075765.D
 Acq: 14 Dec 2022 11:44

Tgt Ion:119 Resp: 260955
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.749 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

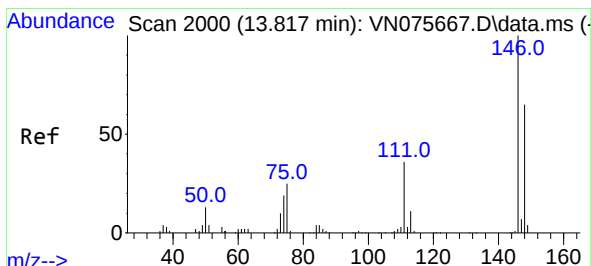
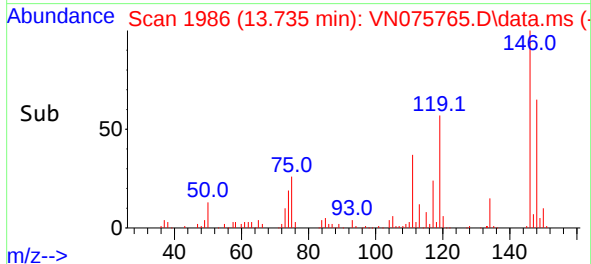
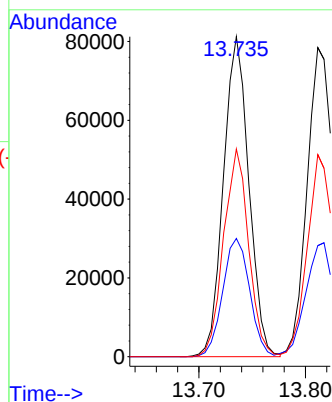
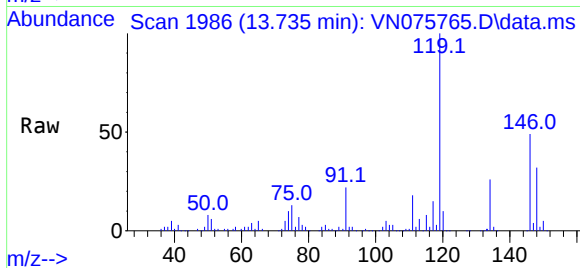
Tgt Ion:146 Resp: 134424

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

148 64.1 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 19.287 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075765.D

Acq: 14 Dec 2022 11:44

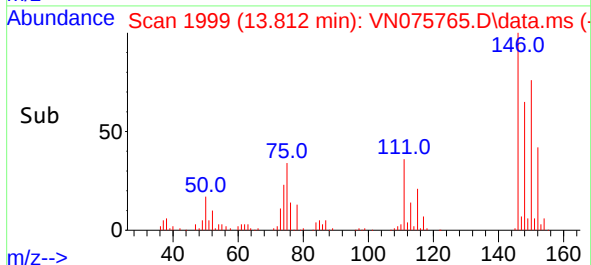
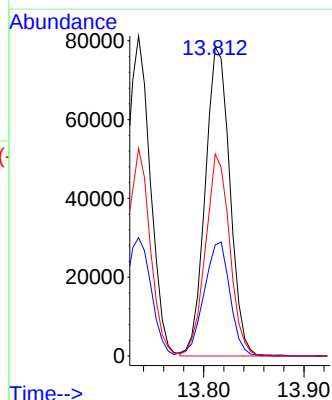
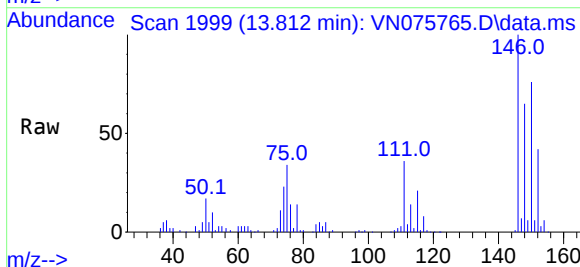
Tgt Ion:146 Resp: 134113

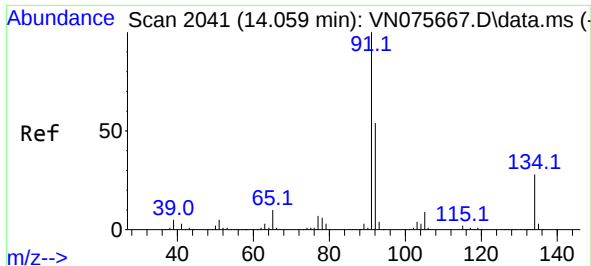
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

148 64.2 32.0 96.2

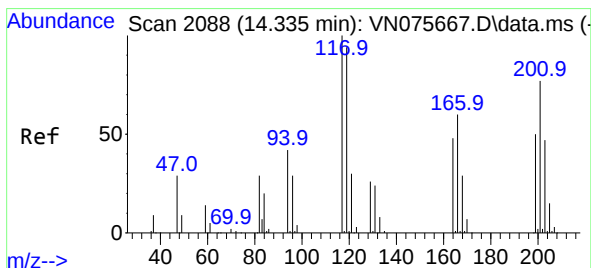
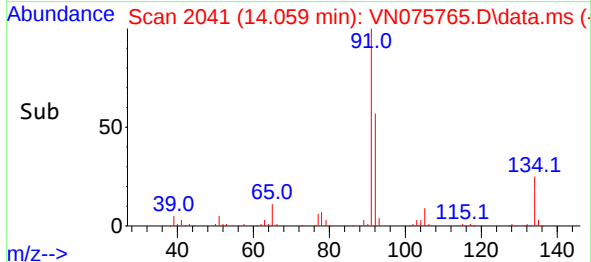
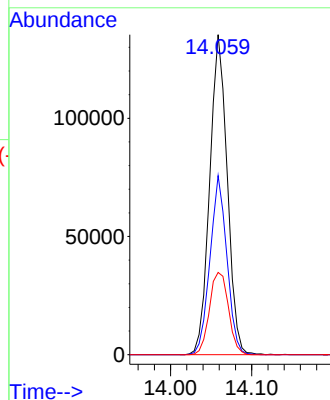
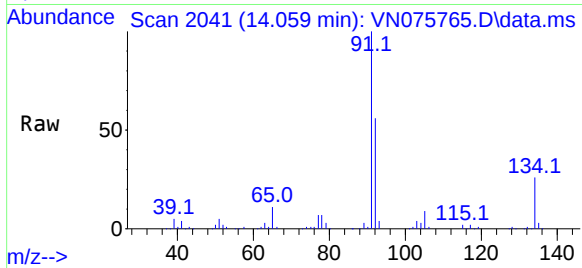




#89
n-Butylbenzene
Concen: 20.270 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

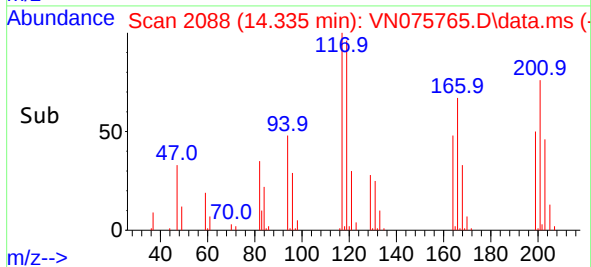
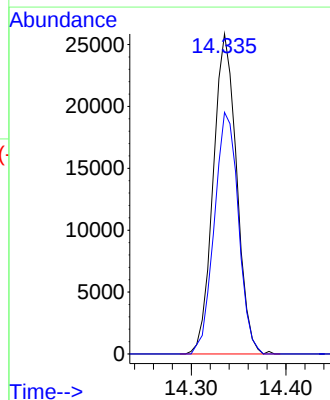
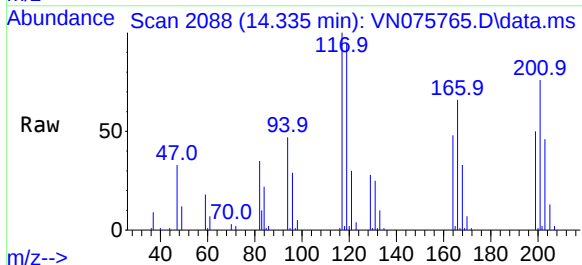
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

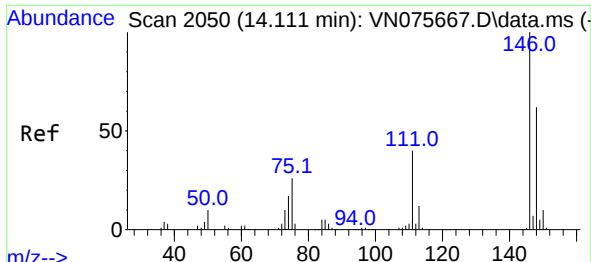
Tgt Ion: 91 Resp: 202637
Ion Ratio Lower Upper
91 100
92 54.0 26.4 79.2
134 27.9 13.4 40.2



#90
Hexachloroethane
Concen: 20.151 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 117 Resp: 44479
Ion Ratio Lower Upper
117 100
201 77.6 38.0 114.1

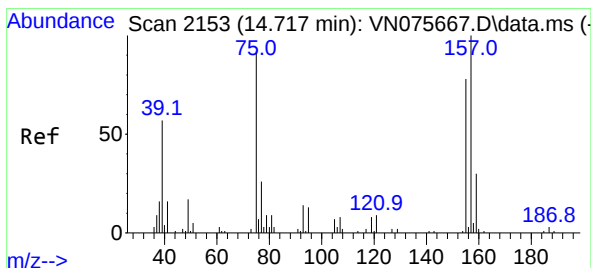
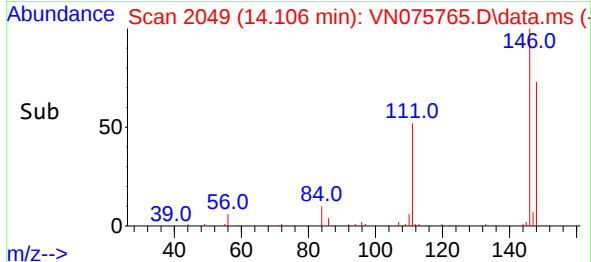
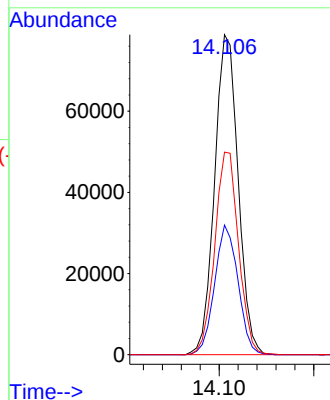
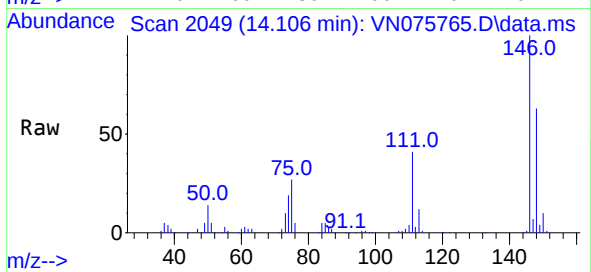




#91
1,2-Dichlorobenzene
Concen: 20.338 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

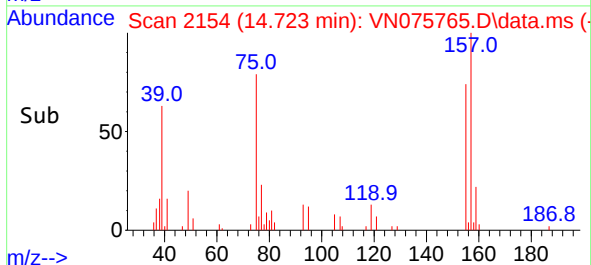
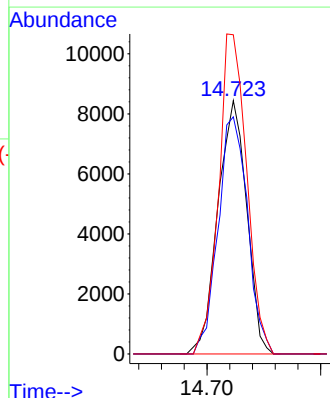
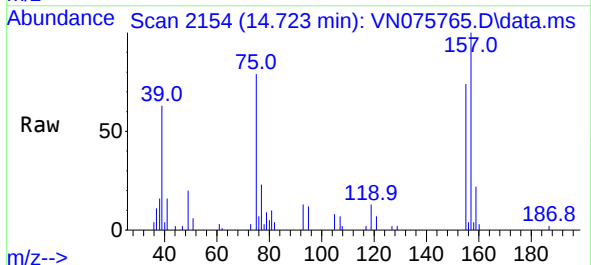
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

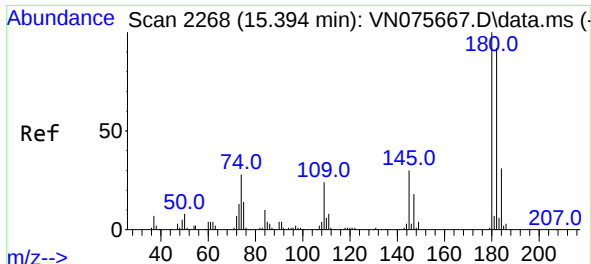
Tgt Ion:146 Resp: 136357
Ion Ratio Lower Upper
146 100
111 40.2 20.3 61.0
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.603 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion: 75 Resp: 14858
Ion Ratio Lower Upper
75 100
155 95.8 49.3 147.8
157 123.5 63.7 191.3

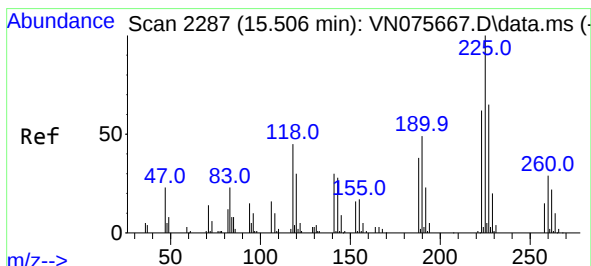
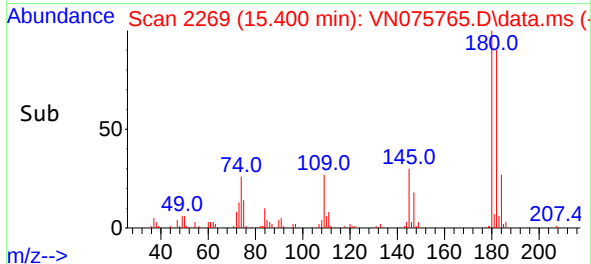
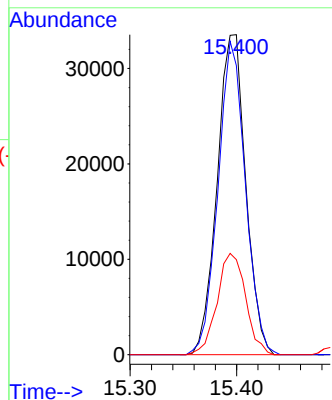
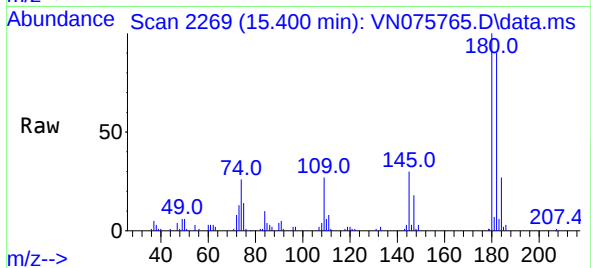




#93
1,2,4-Trichlorobenzene
Concen: 18.857 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

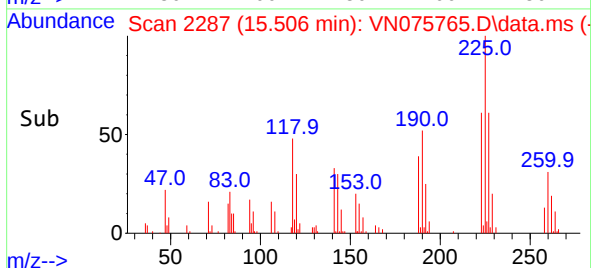
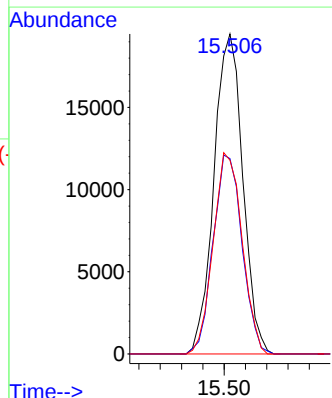
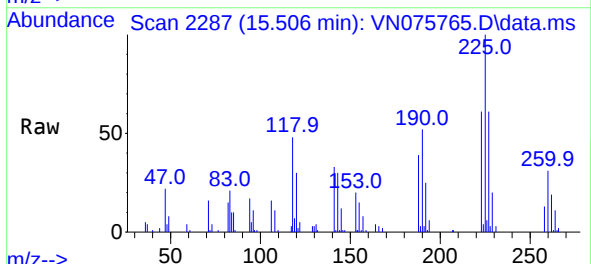
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

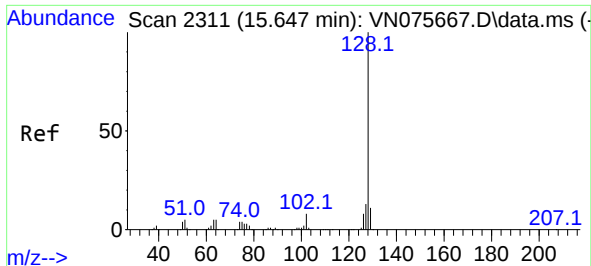
Tgt Ion:180 Resp: 62590
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 31.6 15.3 45.8



#94
Hexachlorobutadiene
Concen: 20.195 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:225 Resp: 36572
Ion Ratio Lower Upper
225 100
223 62.4 31.5 94.5
227 63.0 31.6 95.0



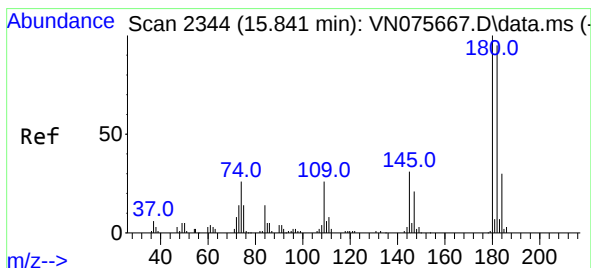
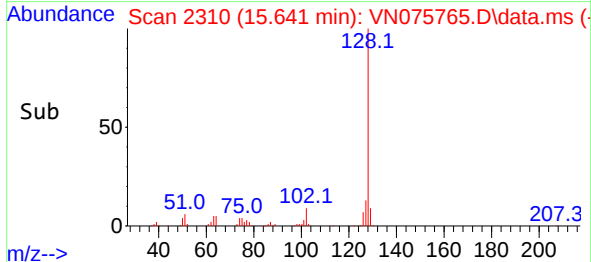
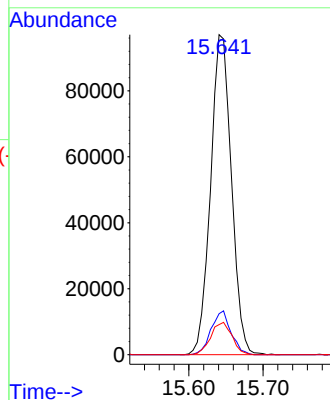
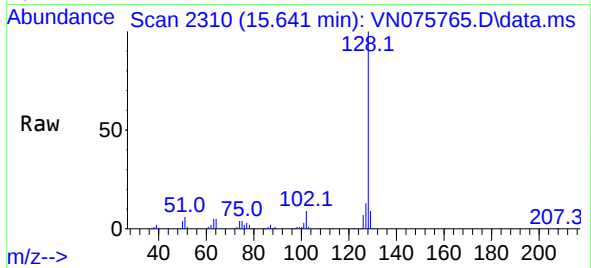


#95
Naphthalene
Concen: 18.695 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 189370

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.856 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075765.D
Acq: 14 Dec 2022 11:44

Tgt Ion:180 Resp: 61599

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.0
145	32.3	16.0	47.9

