

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075199.D
 Acq On : 07 Nov 2022 19:47
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 08 01:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	110651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	189473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74480	49.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.171	113	63212	52.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	10.571	98	237298	50.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.847	95	88288	53.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	59338	41.223	ug/l	100
3) Chloromethane	2.371	50	59974	39.226	ug/l	99
4) Vinyl Chloride	2.524	62	86711	39.754	ug/l	94
5) Bromomethane	2.912	94	59550	36.863	ug/l	94
6) Chloroethane	3.077	64	65838	42.094	ug/l	98
7) Trichlorofluoromethane	3.483	101	106469	47.783	ug/l	96
8) Diethyl Ether	3.971	74	38702	47.621	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	59457	48.319	ug/l	98
10) Methyl Iodide	4.589	142	84771	46.275	ug/l	99
11) Tert butyl alcohol	5.553	59	77957	224.220	ug/l	100
12) 1,1-Dichloroethene	4.342	96	54451	46.423	ug/l	99
13) Acrolein	4.189	56	61367	215.789	ug/l	99
14) Allyl chloride	5.030	41	79062	46.152	ug/l	96
15) Acrylonitrile	5.730	53	180240	245.408	ug/l	99
16) Acetone	4.442	43	148468	235.185	ug/l	100
17) Carbon Disulfide	4.712	76	120949	41.005	ug/l	99
18) Methyl Acetate	5.030	43	109513	53.109	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	213326	48.934	ug/l	95
20) Methylene Chloride	5.283	84	65858	46.790	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	59670	46.463	ug/l	95
22) Diisopropyl ether	6.683	45	182739	48.338	ug/l	97
23) Vinyl Acetate	6.612	43	668211	211.668	ug/l	100
24) 1,1-Dichloroethane	6.577	63	116236	48.615	ug/l	99
25) 2-Butanone	7.494	43	239606	241.309	ug/l	100
26) 2,2-Dichloropropane	7.489	77	93501	42.509	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	74970	48.883	ug/l	98
28) Bromochloromethane	7.818	49	49320	48.933	ug/l	95
29) Tetrahydrofuran	7.841	42	159027	247.849	ug/l	99
30) Chloroform	7.971	83	130092	50.113	ug/l	99
31) Cyclohexane	8.259	56	94258	42.509	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	117746	49.947	ug/l	98
36) 1,1-Dichloropropene	8.377	75	90023	48.105	ug/l	98
37) Ethyl Acetate	7.571	43	93755	45.683	ug/l	99
38) Carbon Tetrachloride	8.365	117	104473	50.751	ug/l	98
39) Methylcyclohexane	9.606	83	113315	45.867	ug/l	96
40) Benzene	8.612	78	281514	49.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	48844	49.676	ug/l	99
42) 1,2-Dichloroethane	8.677	62	99058	47.518	ug/l	98
43) Isopropyl Acetate	8.694	43	182332	57.276	ug/l	94
44) Trichloroethene	9.359	130	70085	48.753	ug/l	93
45) 1,2-Dichloropropane	9.624	63	70187	51.472	ug/l	97
46) Dibromomethane	9.712	93	51300	48.289	ug/l	98
47) Bromodichloromethane	9.894	83	102260	49.706	ug/l	95
48) Methyl methacrylate	9.682	41	69884	47.857	ug/l	96
49) 1,4-Dioxane	9.700	88	39240	1026.184	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	500438	243.611	ug/l	99
52) Toluene	10.635	92	191140	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	108128	49.794	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	112263	48.743	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	77505	51.033	ug/l	95
56) Ethyl methacrylate	10.877	69	117746	50.826	ug/l	97
57) 1,3-Dichloropropane	11.165	76	126806	50.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	212178	236.911	ug/l	99
59) 2-Hexanone	11.200	43	380607	244.119	ug/l	99
60) Dibromochloromethane	11.359	129	84631	52.818	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80837	51.938	ug/l	98
64) Tetrachloroethene	11.106	164	57168	49.214	ug/l	97
65) Chlorobenzene	11.894	112	201936	49.930	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	78906	52.594	ug/l	98
67) Ethyl Benzene	11.965	91	363600	49.970	ug/l	97
68) m/p-Xylenes	12.071	106	293357	100.478	ug/l	99
69) o-Xylene	12.400	106	145586	50.422	ug/l	98
70) Styrene	12.412	104	238484	51.801	ug/l	100
71) Bromoform	12.582	173	60090	53.496	ug/l #	98
73) Isopropylbenzene	12.700	105	378740	47.040	ug/l	98
74) N-amyl acetate	12.494	43	137533	46.186	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	123995	53.552	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	154664	72.632	ug/l	73
77) Bromobenzene	12.982	156	86928	49.034	ug/l	96
78) n-propylbenzene	13.035	91	434416	48.057	ug/l	100
79) 2-Chlorotoluene	13.129	91	259481	46.974	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	327425	48.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41744	50.322	ug/l	93
82) 4-Chlorotoluene	13.129	91	259481	46.974	ug/l	97
83) tert-Butylbenzene	13.441	119	292325	48.648	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	337268	49.292	ug/l	99
85) sec-Butylbenzene	13.618	105	414367	49.294	ug/l	100
86) p-Isopropyltoluene	13.729	119	351551	50.639	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177649	51.179	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	174993	50.940	ug/l	99
89) n-Butylbenzene	14.059	91	282336	50.503	ug/l	99
90) Hexachloroethane	14.335	117	63340	49.762	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	176365	51.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25815	47.533	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	82084	55.278	ug/l	100
94) Hexachlorobutadiene	15.506	225	37854	52.291	ug/l	98
95) Naphthalene	15.641	128	300041	52.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	82059	55.617	ug/l	98

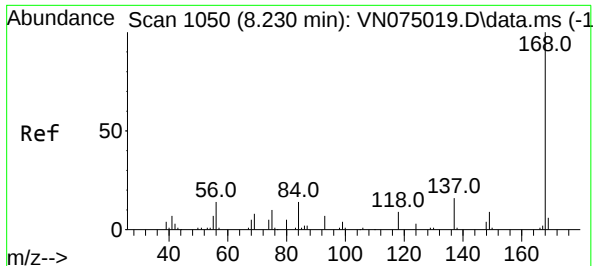
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Quant Title : SW846 8260
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Response via : Initial Calibration

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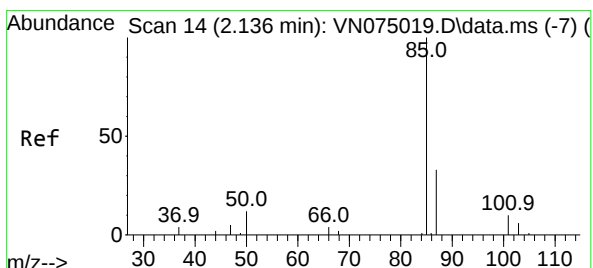
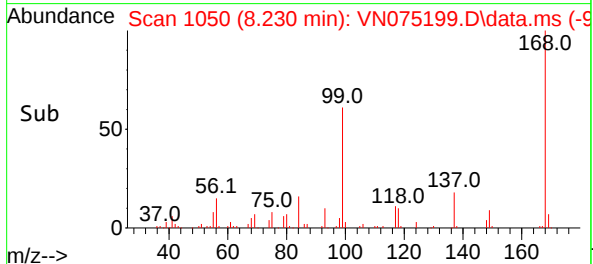
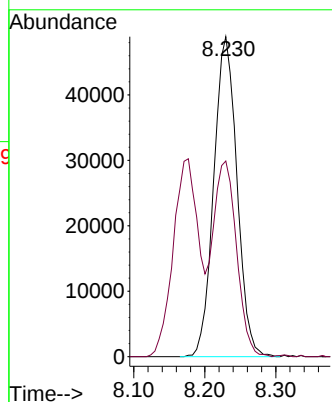
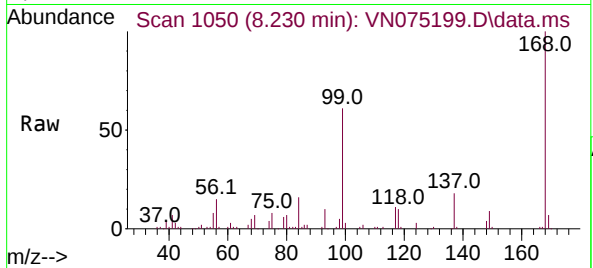
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

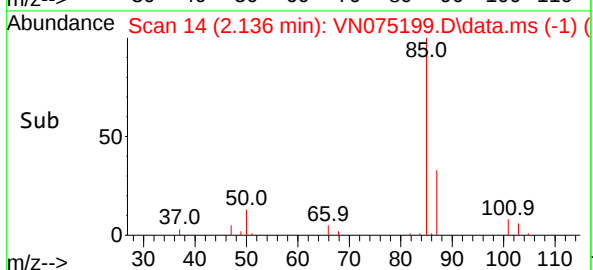
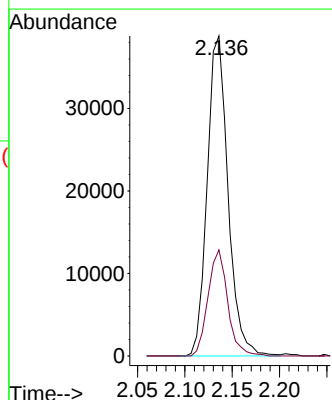
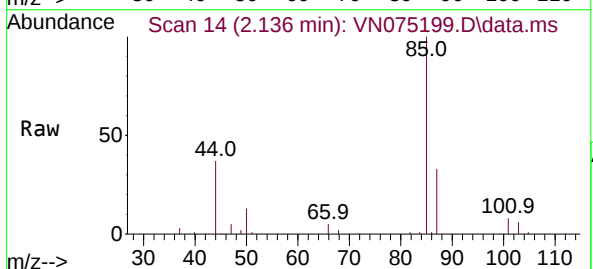
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ClientSampleId :
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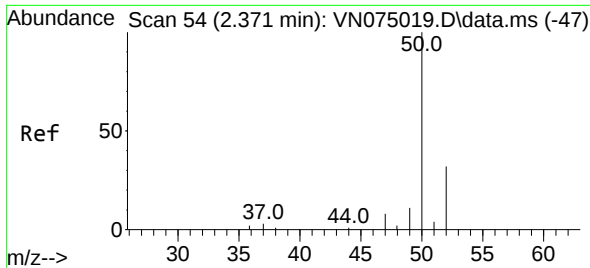
Tgt Ion:168 Resp: 110651
Ion Ratio Lower Upper
168 100
99 60.8 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 41.223 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 85 Resp: 59338
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0

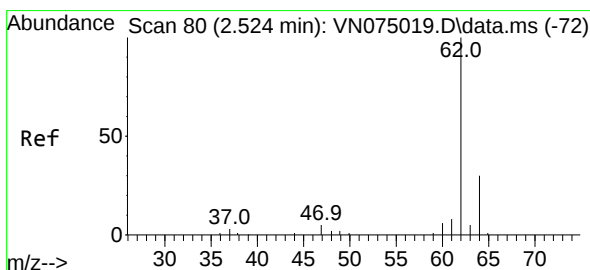
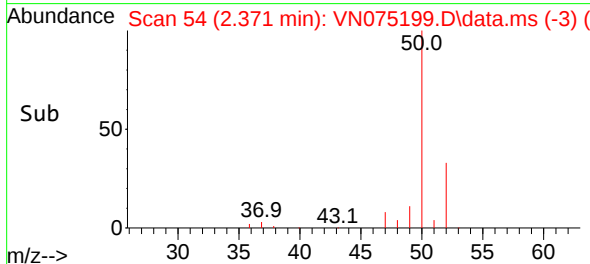
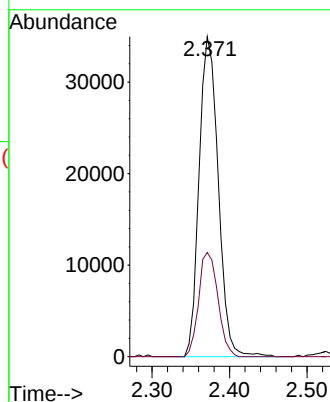
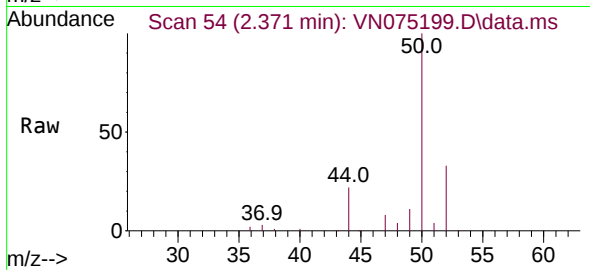




#3
Chloromethane
Concen: 39.226 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

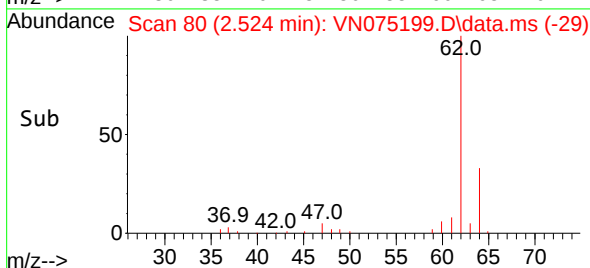
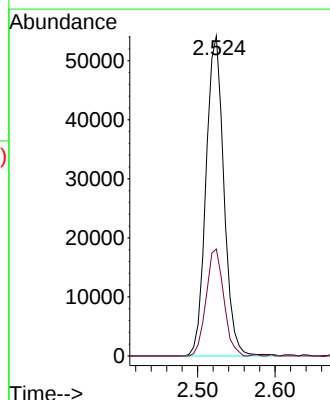
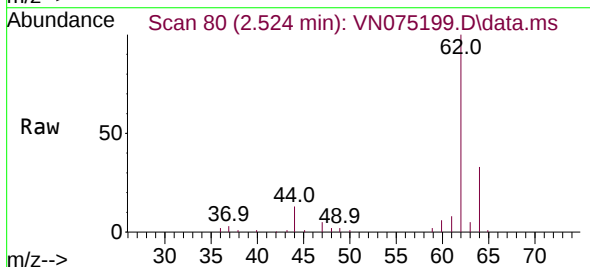
Instrument :
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ClientSampleId :
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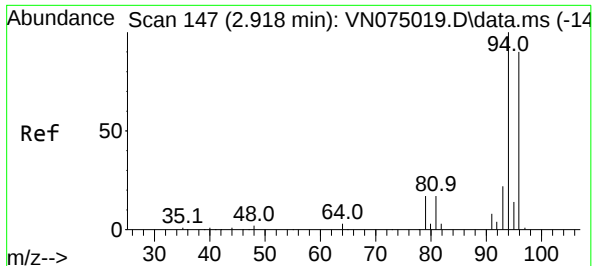
Tgt Ion: 50 Resp: 59974
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6



#4
Vinyl Chloride
Concen: 39.754 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 62 Resp: 86711
Ion Ratio Lower Upper
62 100
64 33.4 24.0 36.0

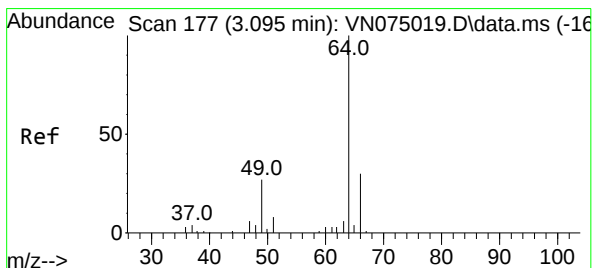
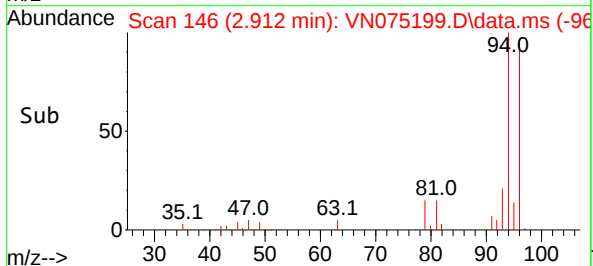
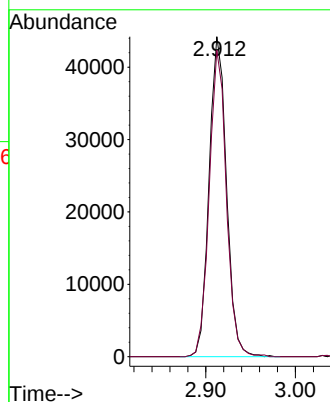
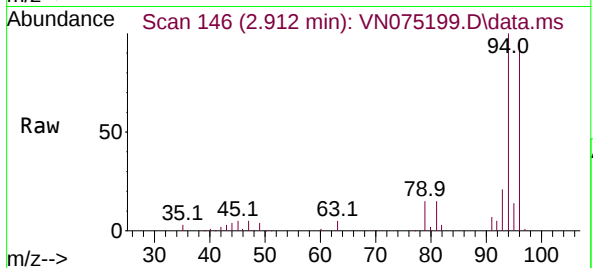




#5
Bromomethane
Concen: 36.863 ug/l
RT: 2.912 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

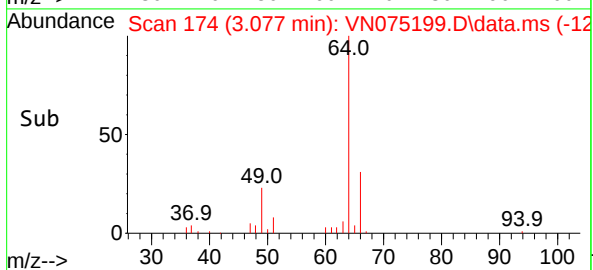
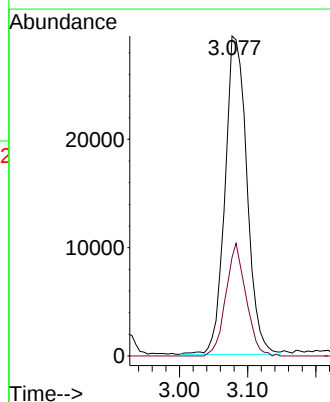
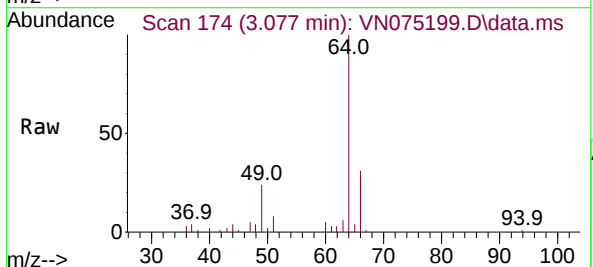
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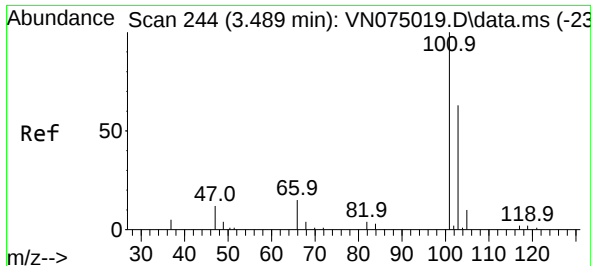
Tgt Ion: 94 Resp: 59550
Ion Ratio Lower Upper
94 100
96 95.8 71.8 107.6



#6
Chloroethane
Concen: 42.094 ug/l
RT: 3.077 min Scan# 174
Delta R.T. -0.018 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 64 Resp: 65838
Ion Ratio Lower Upper
64 100
66 31.0 23.8 35.8

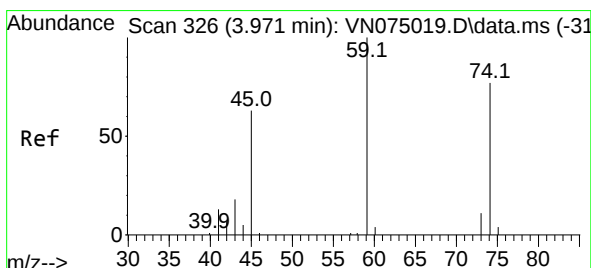
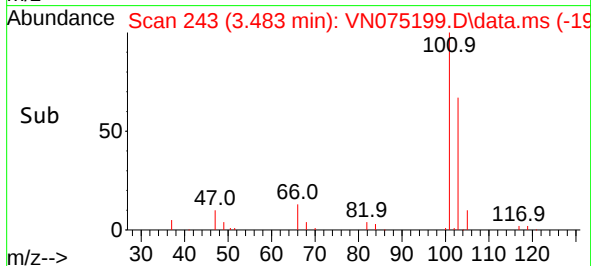
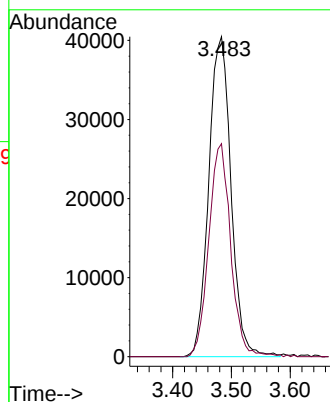
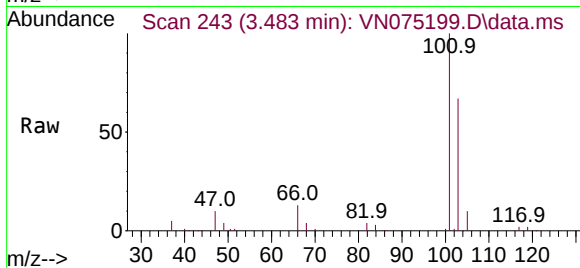




#7
 Trichlorofluoromethane
 Concen: 47.783 ug/l
 RT: 3.483 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

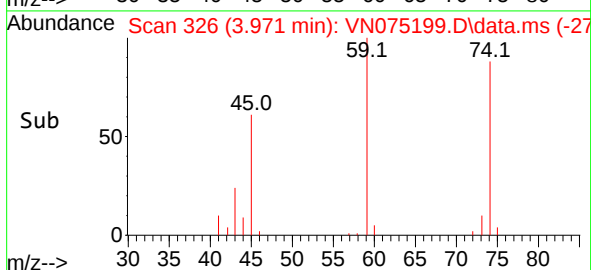
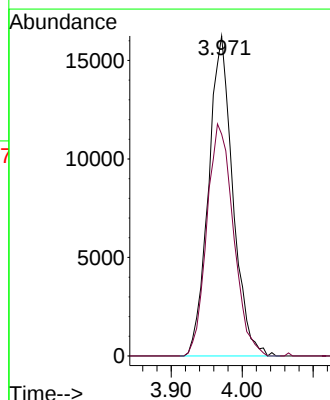
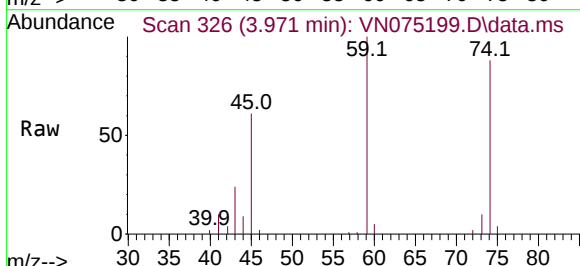
Instrument :
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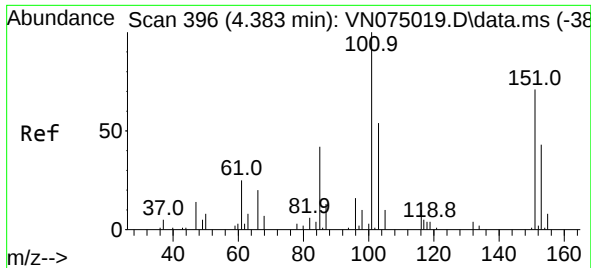
Tgt Ion:101 Resp: 106469
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.5 75.7



#8
 Diethyl Ether
 Concen: 47.621 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

Tgt Ion: 74 Resp: 38702
 Ion Ratio Lower Upper
 74 100
 45 79.1 39.3 117.9

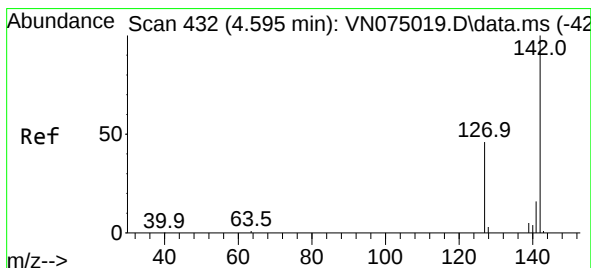
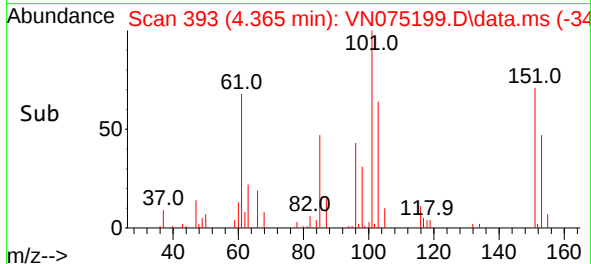
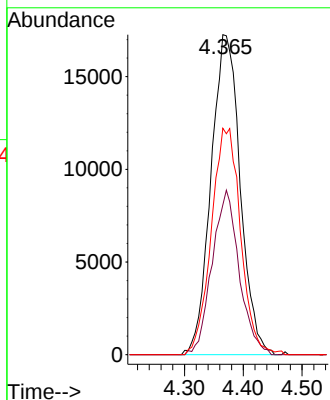
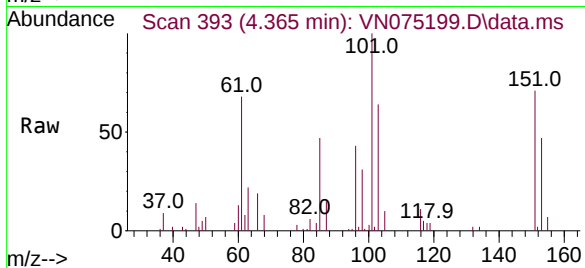




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.319 ug/l
RT: 4.365 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN075199.D
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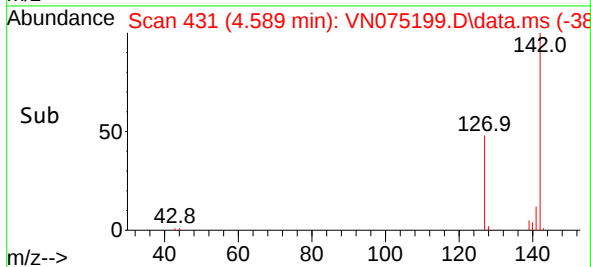
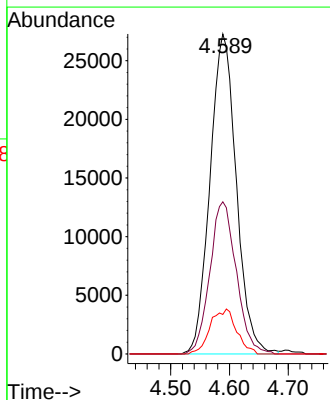
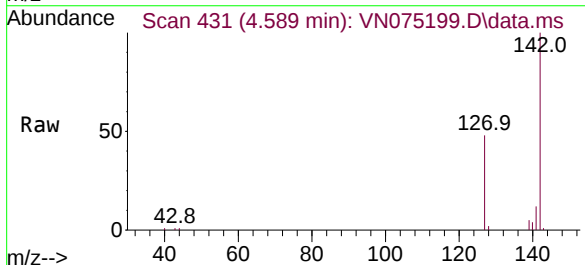
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

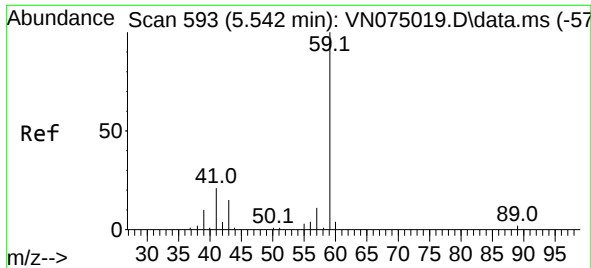
Tgt Ion:101 Resp: 59457
Ion Ratio Lower Upper
101 100
85 47.7 37.6 56.4
151 71.1 58.3 87.5



#10
Methyl Iodide
Concen: 46.275 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:142 Resp: 84771
Ion Ratio Lower Upper
142 100
127 47.8 38.0 57.0
141 14.1 12.2 18.4

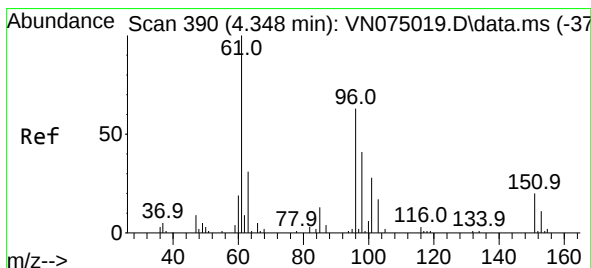
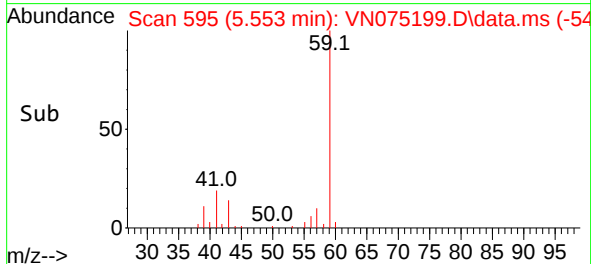
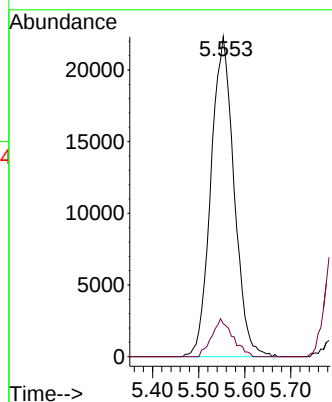
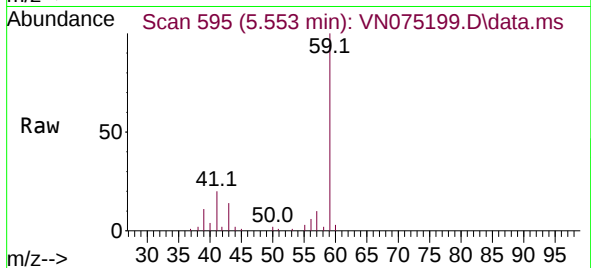




#11
Tert butyl alcohol
Concen: 224.220 ug/l
RT: 5.553 min Scan# 59
Delta R.T. 0.011 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

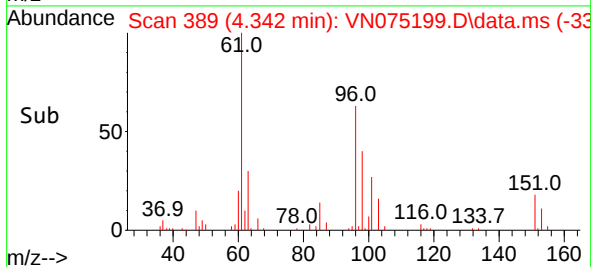
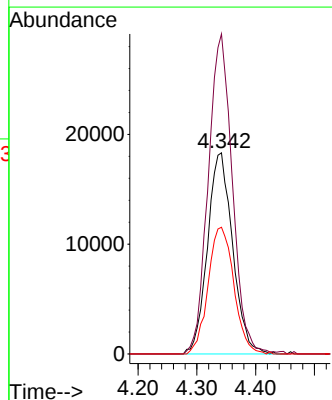
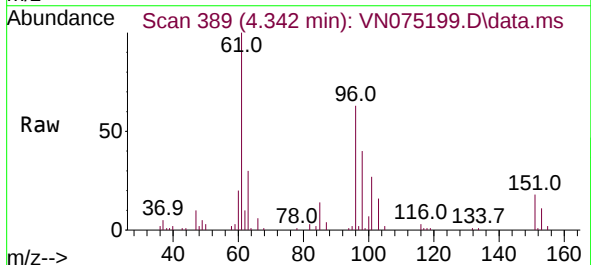
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

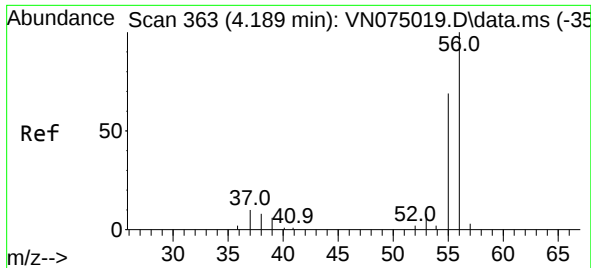
Tgt Ion: 59 Resp: 77957
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.423 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 96 Resp: 54451
Ion Ratio Lower Upper
96 100
61 159.1 126.2 189.4
98 63.0 51.5 77.3

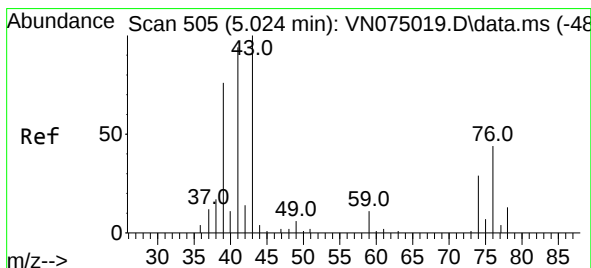
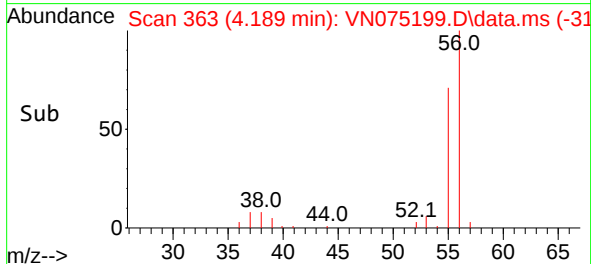
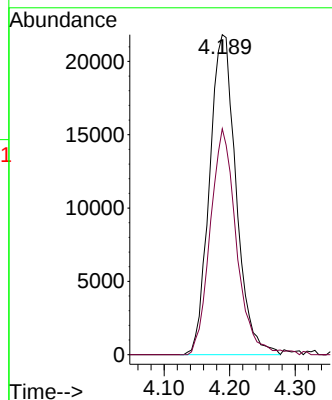
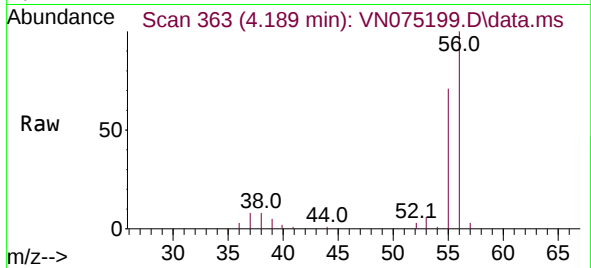




#13
Acrolein
Concen: 215.789 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

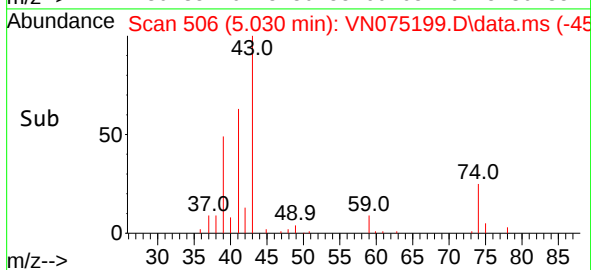
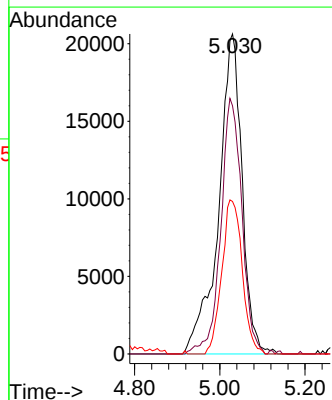
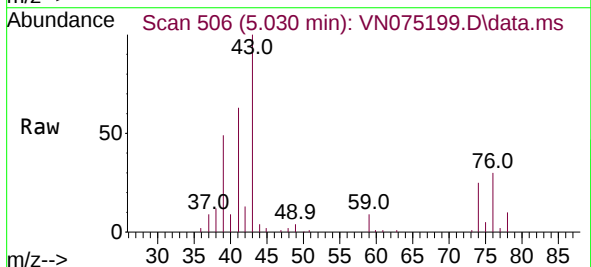
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

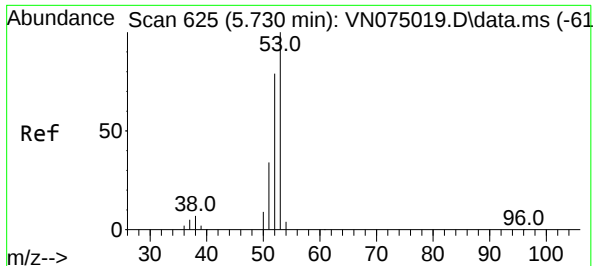
Tgt Ion: 56 Resp: 61367
Ion Ratio Lower Upper
56 100
55 69.8 55.2 82.8



#14
Allyl chloride
Concen: 46.152 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 41 Resp: 79062
Ion Ratio Lower Upper
41 100
39 71.5 61.0 91.4
76 41.9 33.4 50.0

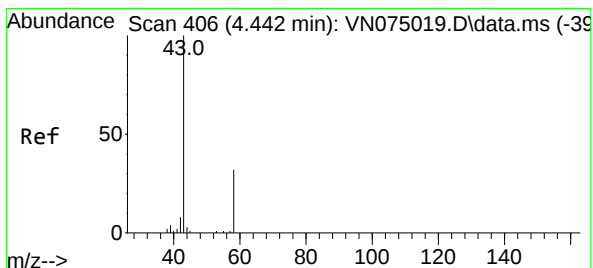
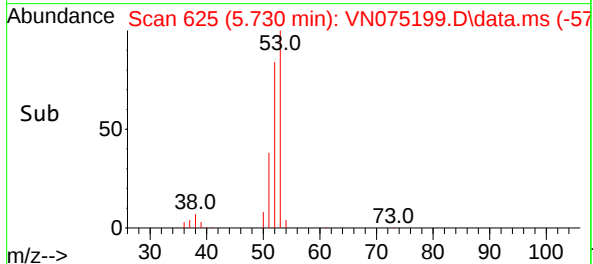
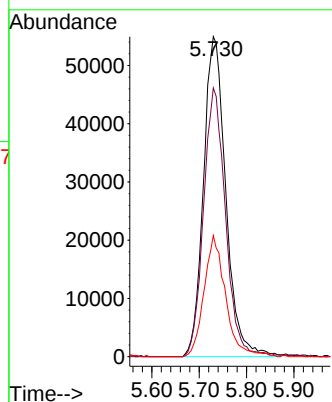
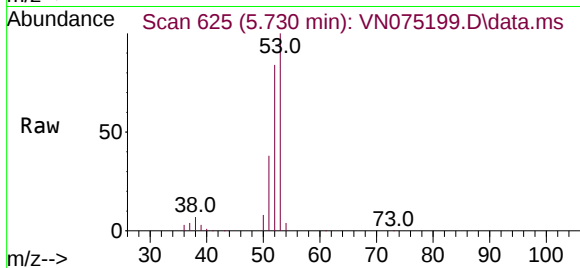




#15
Acrylonitrile
Concen: 245.408 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

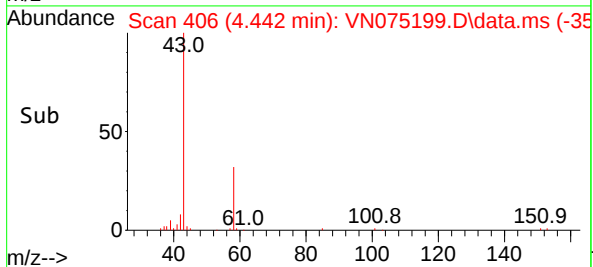
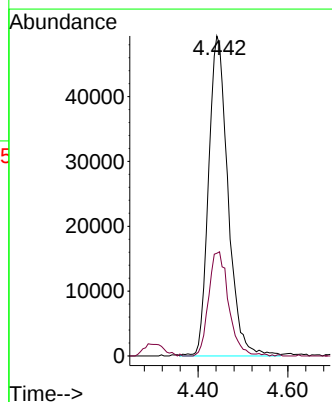
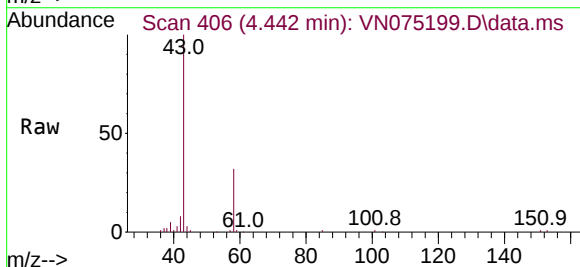
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

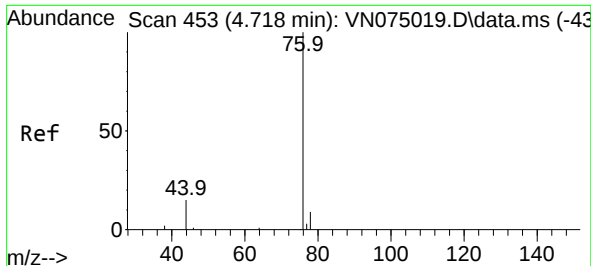
Tgt Ion:	53	Resp:	180240
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.4	99.6
51	36.4	29.6	44.4



#16
Acetone
Concen: 235.185 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:	43	Resp:	148468
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.5	38.3

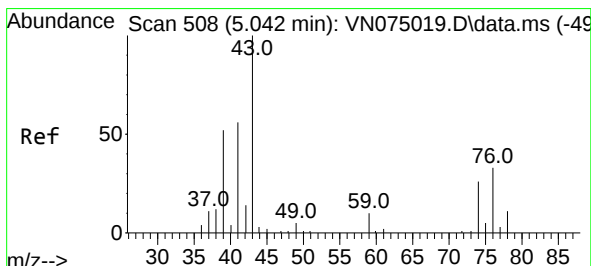
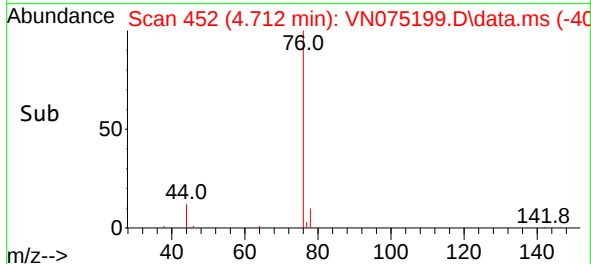
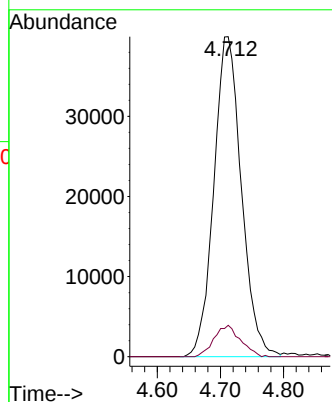
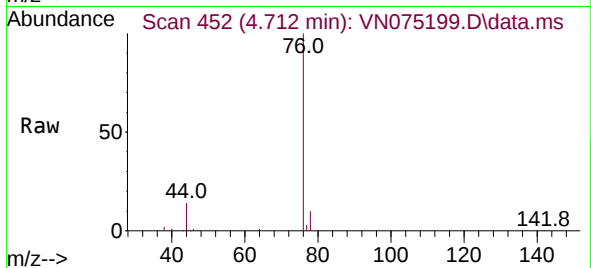




#17
Carbon Disulfide
Concen: 41.005 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

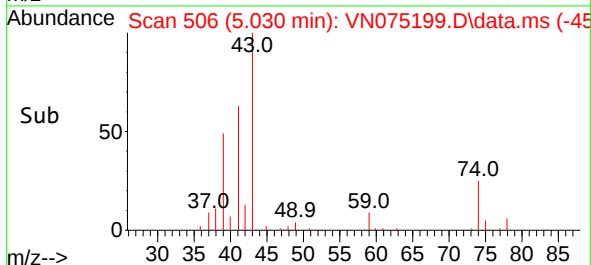
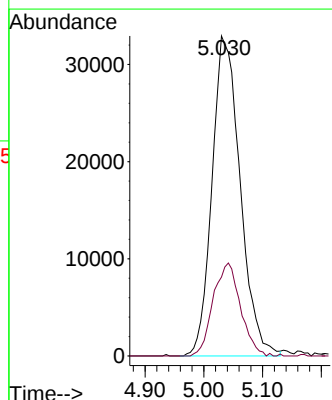
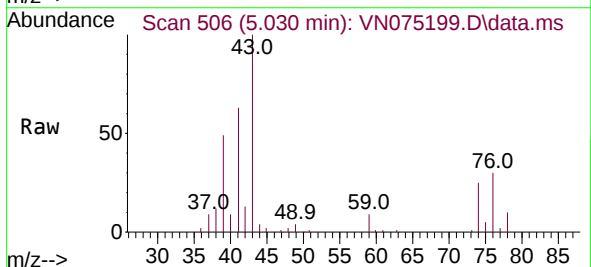
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

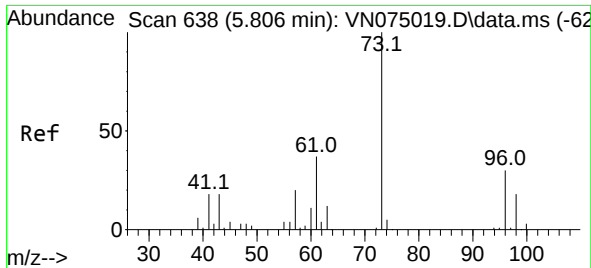
Tgt Ion: 76 Resp: 120949
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 53.109 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 43 Resp: 109513
Ion Ratio Lower Upper
43 100
74 28.2 22.0 33.0

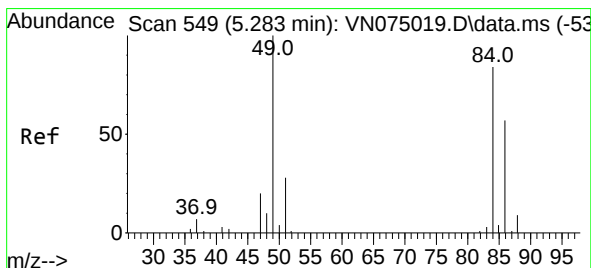
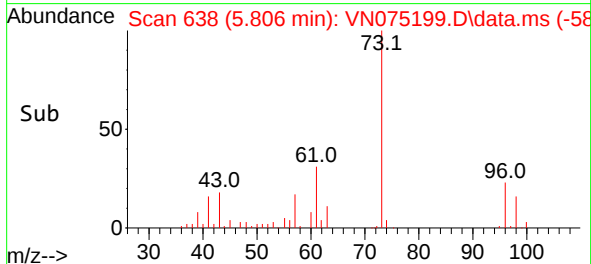
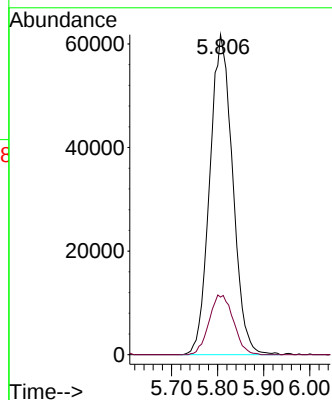
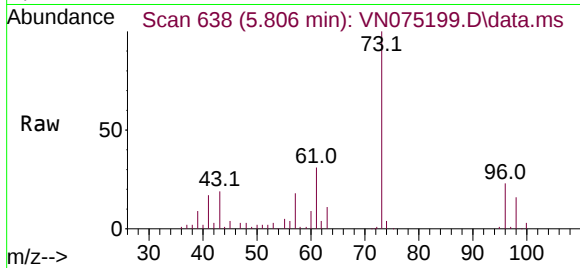




#19
Methyl tert-butyl Ether
Concen: 48.934 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

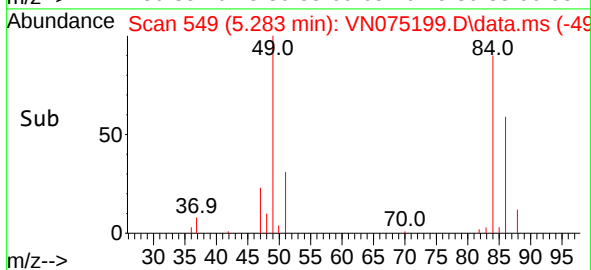
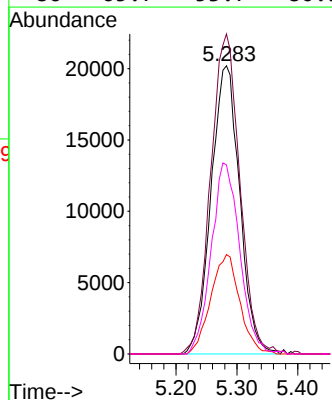
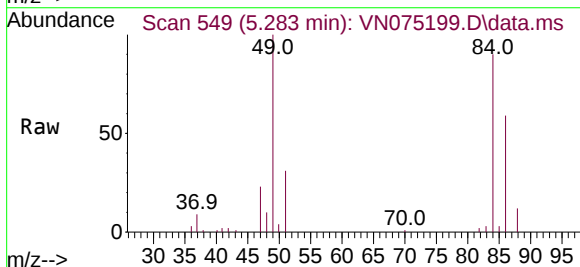
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

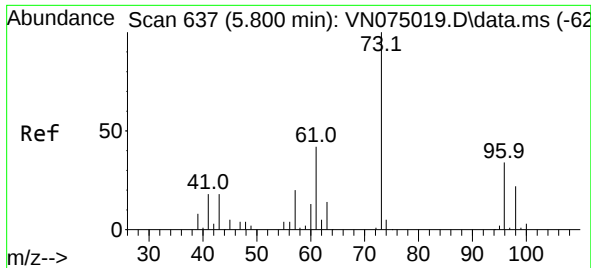
Tgt Ion: 73 Resp: 213326
Ion Ratio Lower Upper
73 100
57 18.0 16.3 24.5



#20
Methylene Chloride
Concen: 46.790 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 84 Resp: 65858
Ion Ratio Lower Upper
84 100
49 111.0 94.9 142.3
51 34.5 26.8 40.2
86 65.7 53.7 80.5

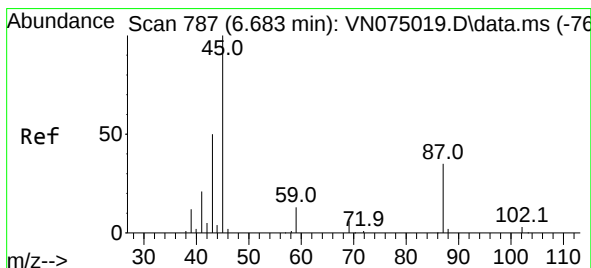
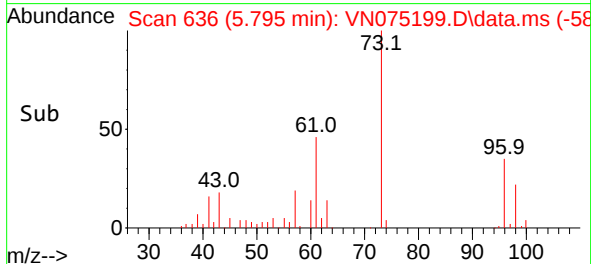
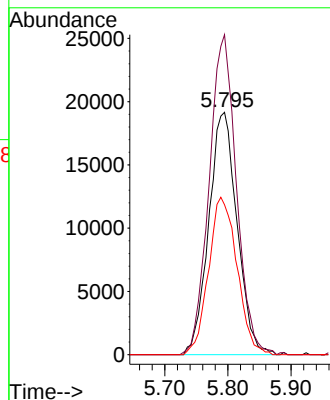
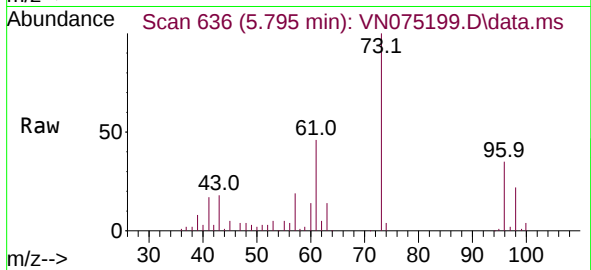




#21
trans-1,2-Dichloroethene
Concen: 46.463 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

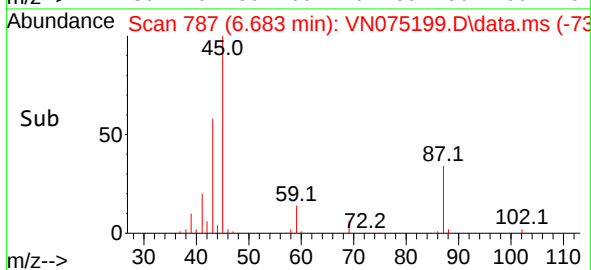
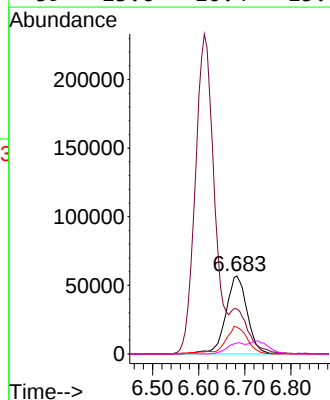
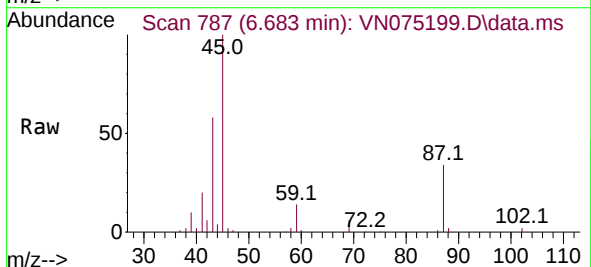
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

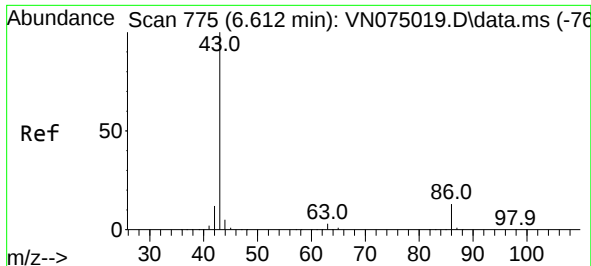
Tgt Ion: 96 Resp: 59670
Ion Ratio Lower Upper
96 100
61 132.0 99.9 149.9
98 61.8 51.5 77.3



#22
Diisopropyl ether
Concen: 48.338 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 45 Resp: 182739
Ion Ratio Lower Upper
45 100
43 56.5 42.8 64.2
87 34.3 28.4 42.6
59 13.6 10.4 15.6

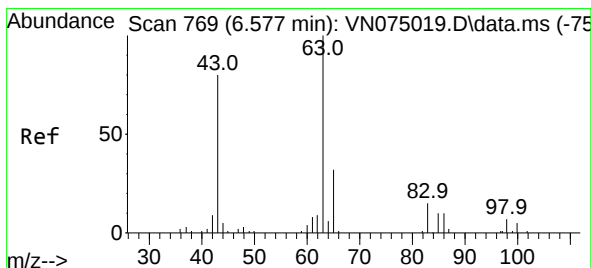
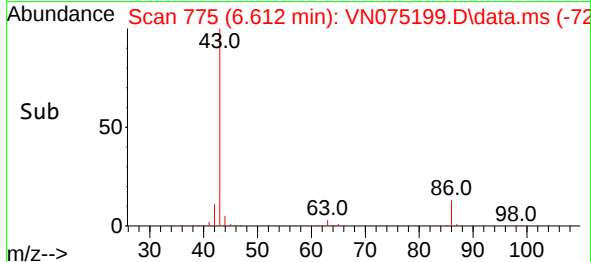
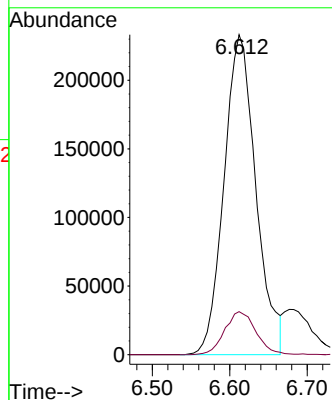
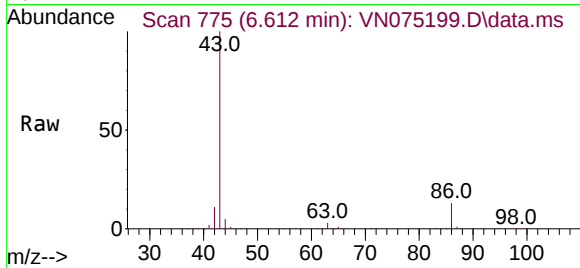




#23
 Vinyl Acetate
 Concen: 211.668 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

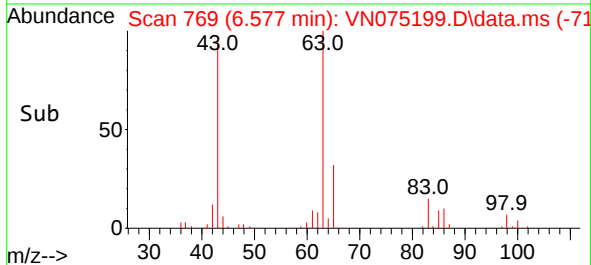
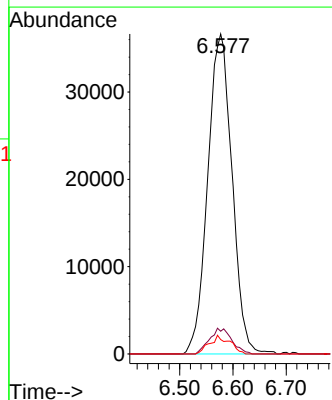
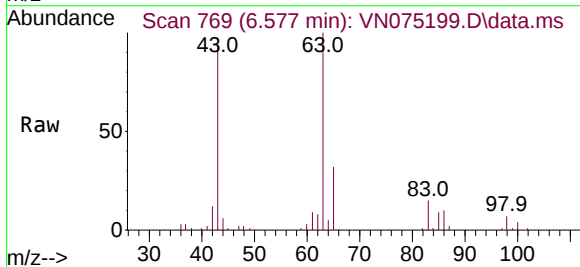
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

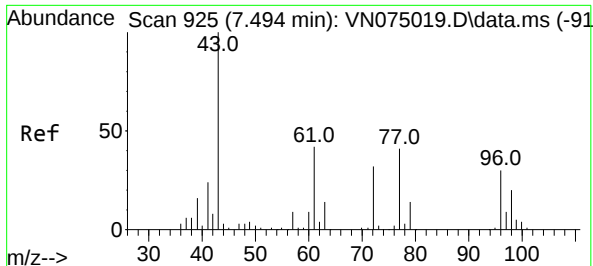
Tgt Ion: 43 Resp: 668211
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 48.615 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

Tgt Ion: 63 Resp: 116236
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 241.309 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

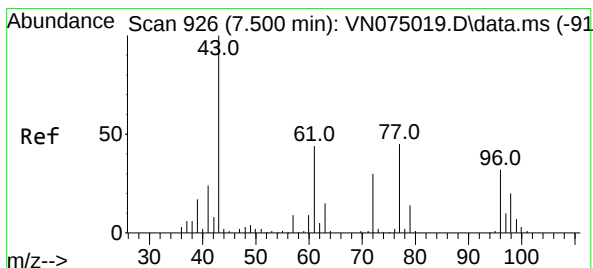
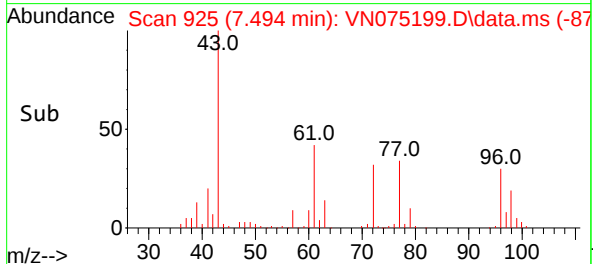
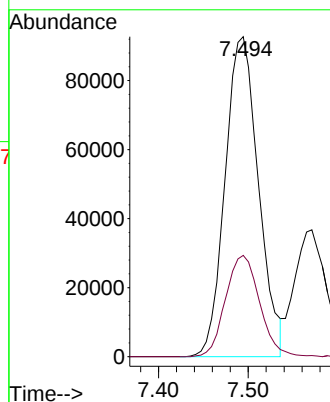
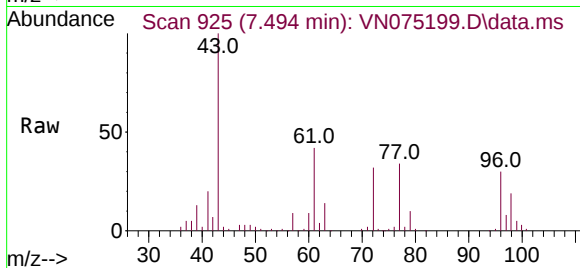
VSTDCCC050EC

Tgt Ion: 43 Resp: 239606

Ion Ratio Lower Upper

43 100

72 31.6 25.5 38.3



#26

2,2-Dichloropropane

Concen: 42.509 ug/l

RT: 7.489 min Scan# 924

Delta R.T. -0.011 min

Lab File: VN075199.D

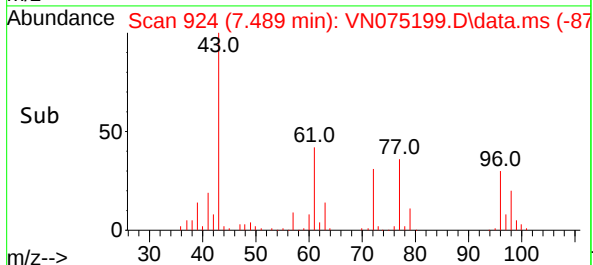
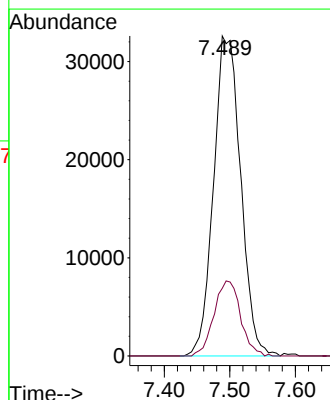
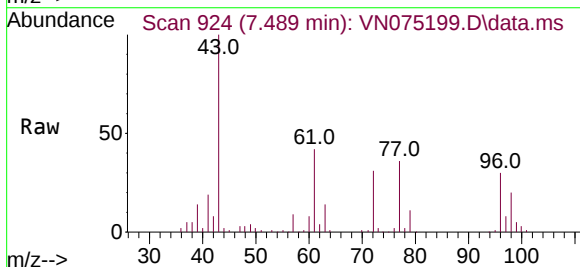
Acq: 07 Nov 2022 19:47

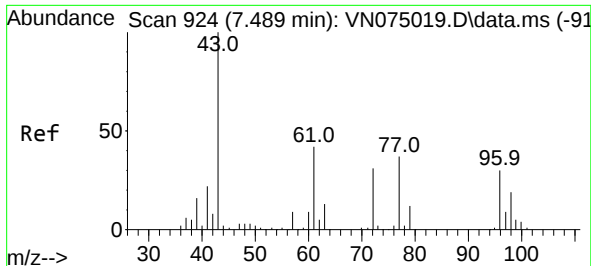
Tgt Ion: 77 Resp: 93501

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6

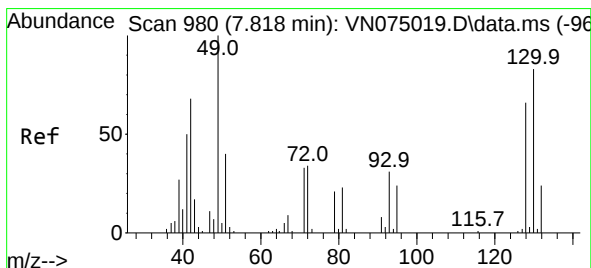
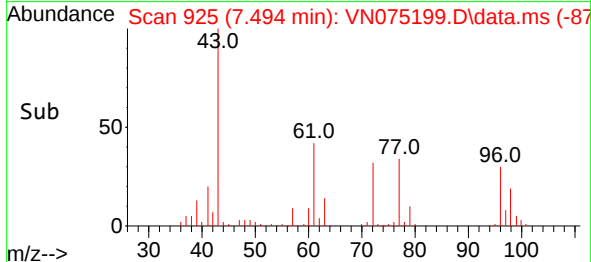
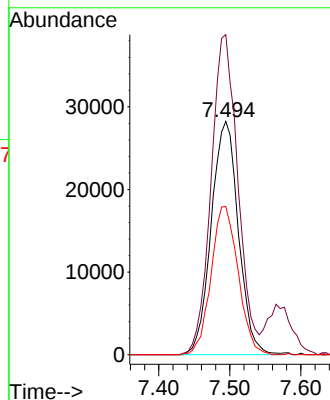
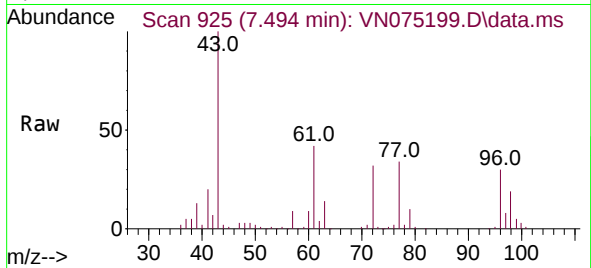




#27
 cis-1,2-Dichloroethene
 Concen: 48.883 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

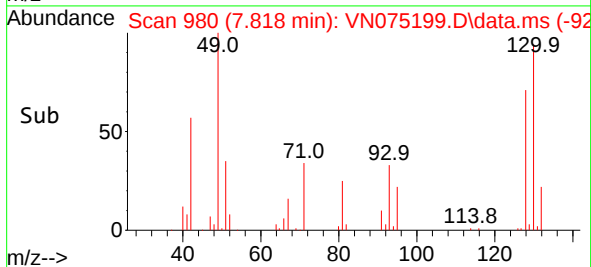
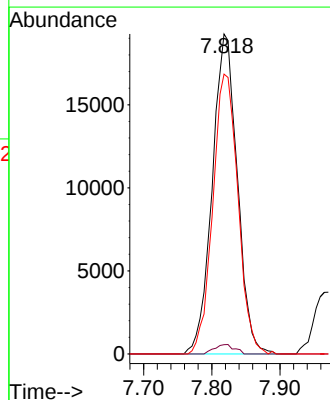
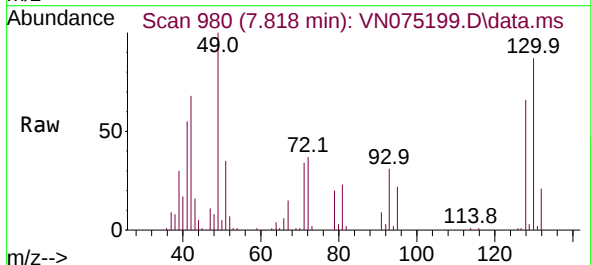
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

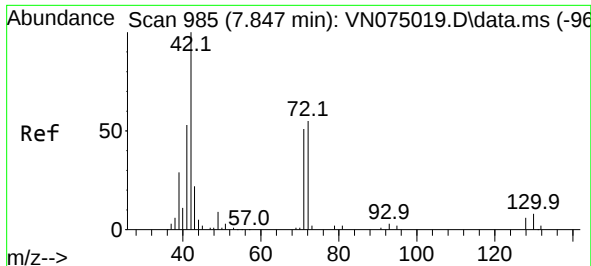
Tgt Ion: 96 Resp: 74970
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 278.8
 98 63.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 48.933 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

Tgt Ion: 49 Resp: 49320
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 87.7 66.2 99.4





#29

Tetrahydrofuran

Concen: 247.849 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.006 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

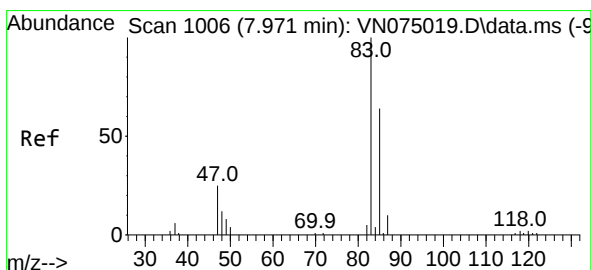
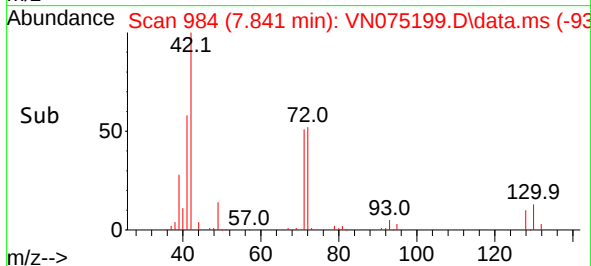
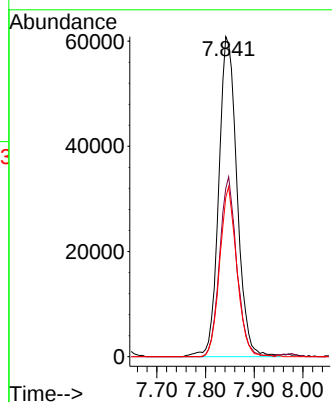
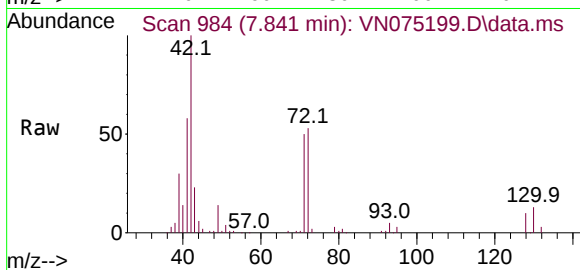
Tgt Ion: 42 Resp: 159027

Ion Ratio Lower Upper

42 100

72 52.8 43.0 64.6

71 49.8 39.9 59.9



#30

Chloroform

Concen: 50.113 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075199.D

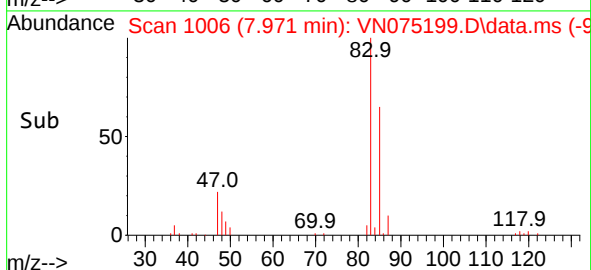
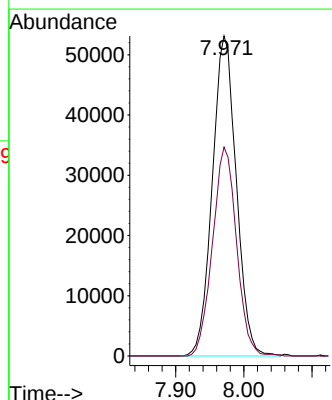
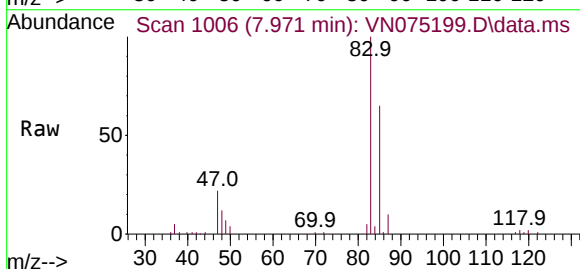
Acq: 07 Nov 2022 19:47

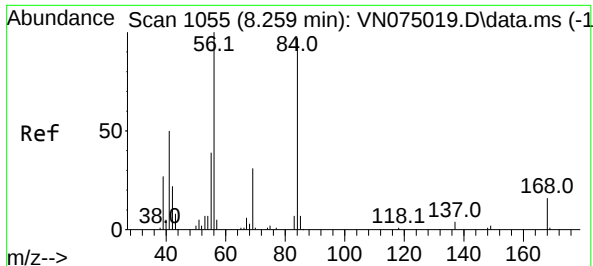
Tgt Ion: 83 Resp: 130092

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0

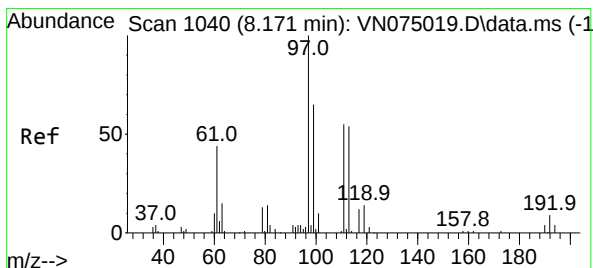
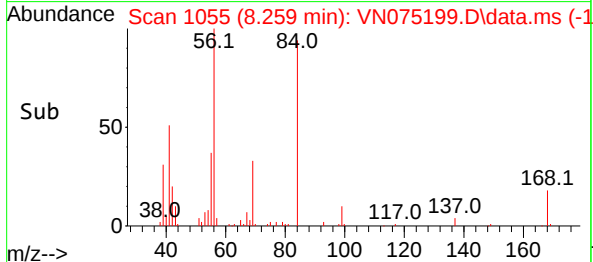
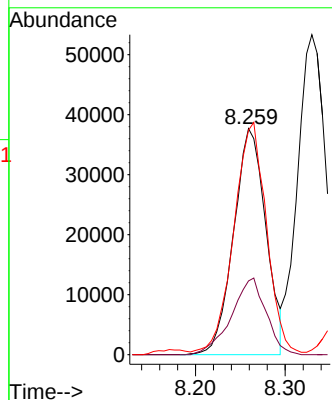
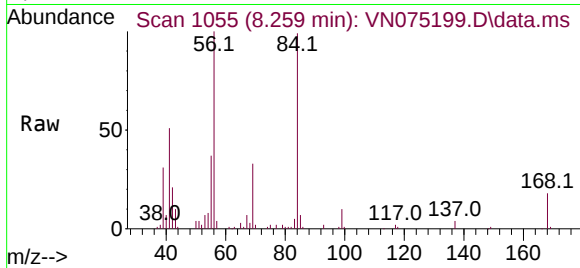




#31
Cyclohexane
Concen: 42.509 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

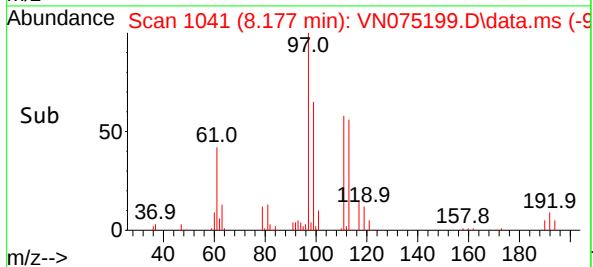
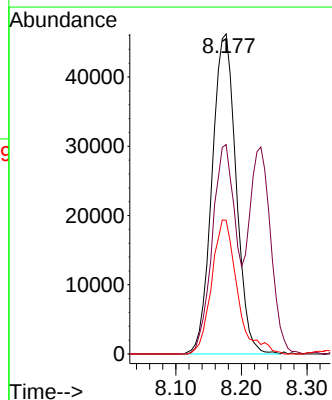
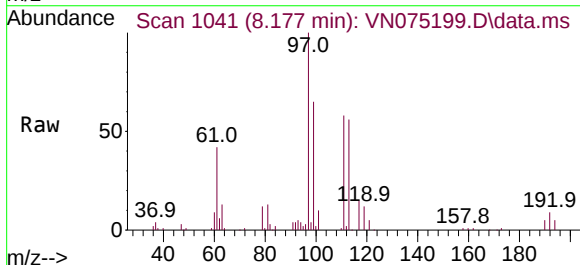
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

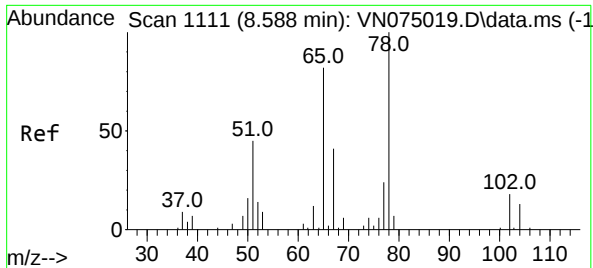
Tgt Ion: 56 Resp: 94258
Ion Ratio Lower Upper
56 100
69 32.6 25.2 37.8
84 97.2 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 49.947 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 97 Resp: 117746
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 44.5 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.957 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

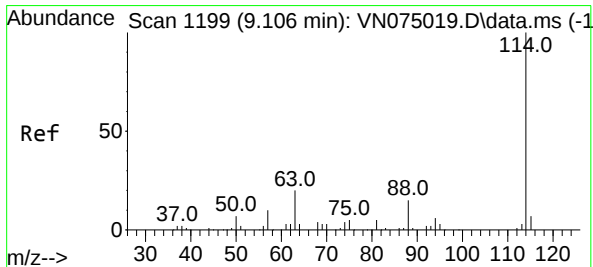
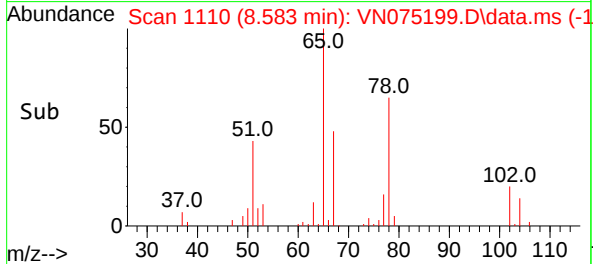
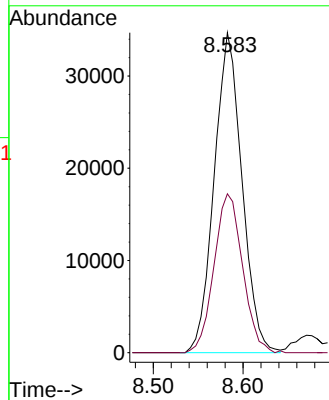
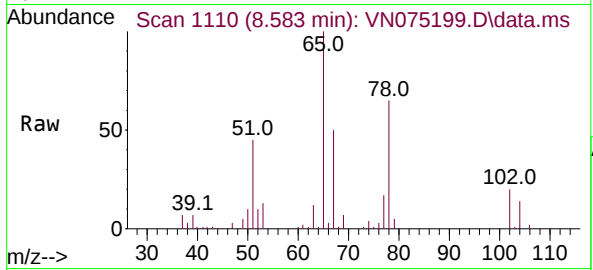
VSTDCCC050EC

Tgt Ion: 65 Resp: 74480

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

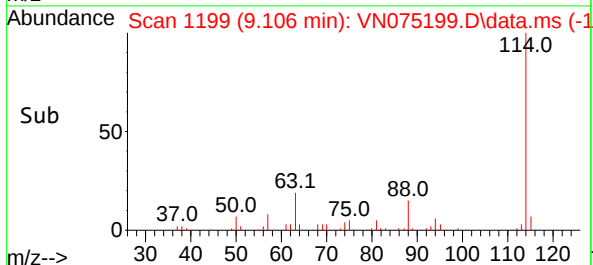
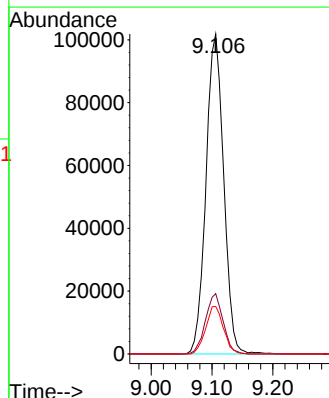
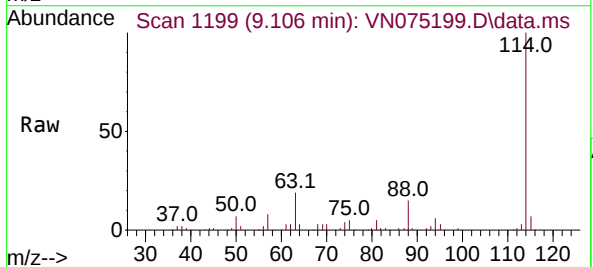
Tgt Ion: 114 Resp: 205904

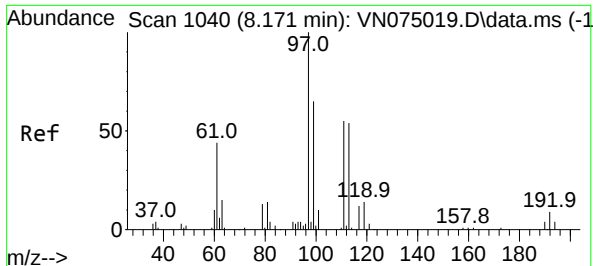
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.295 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

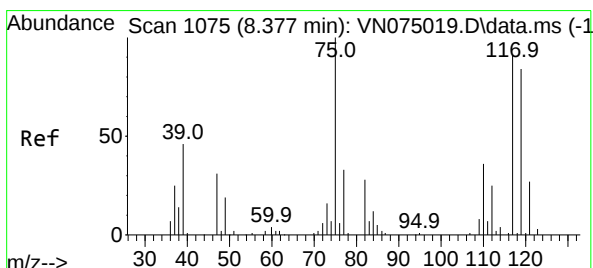
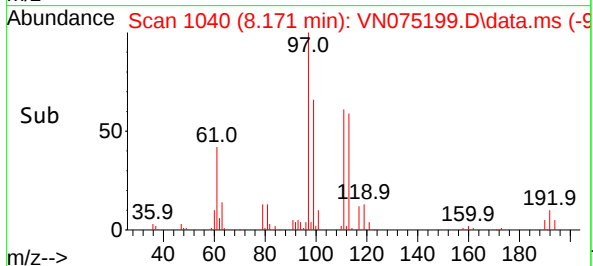
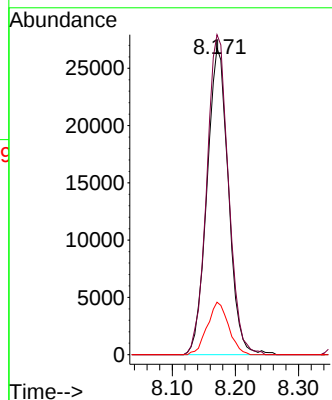
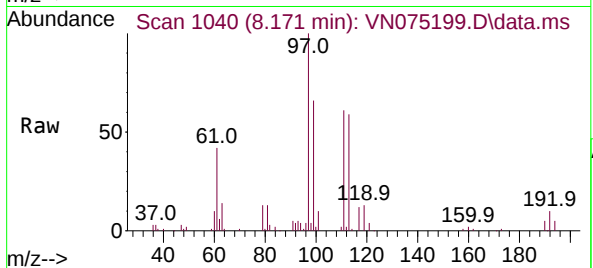
Tgt Ion:113 Resp: 63212

Ion Ratio Lower Upper

113 100

111 105.4 80.5 120.7

192 16.9 13.2 19.8



#36

1,1-Dichloropropene

Concen: 48.105 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

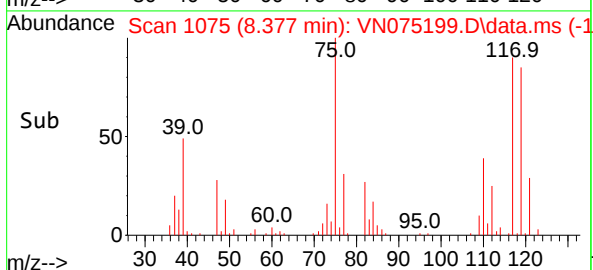
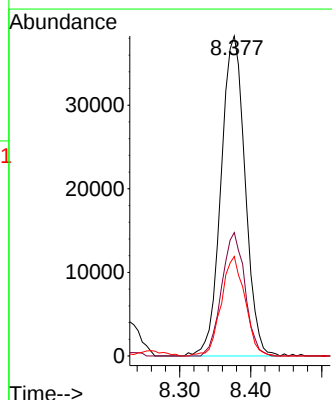
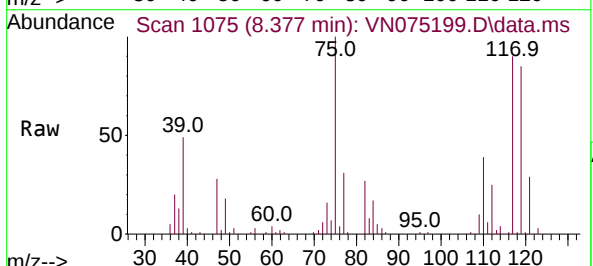
Tgt Ion: 75 Resp: 90023

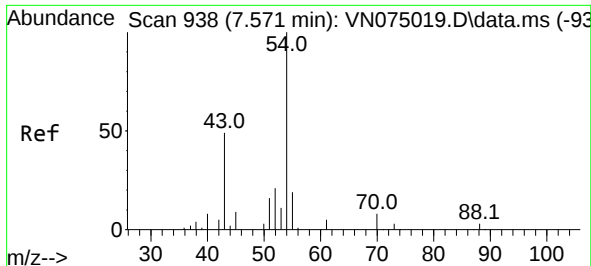
Ion Ratio Lower Upper

75 100

110 37.2 17.8 53.3

77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 45.683 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

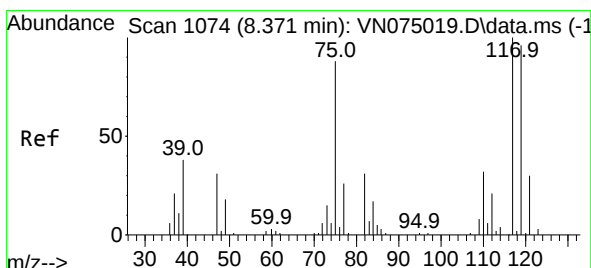
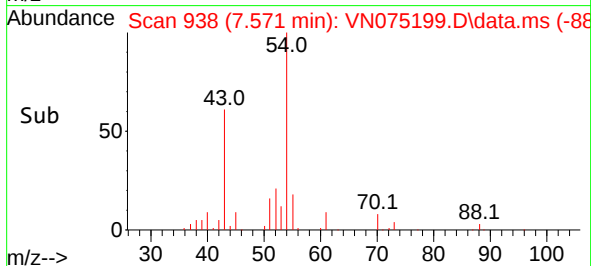
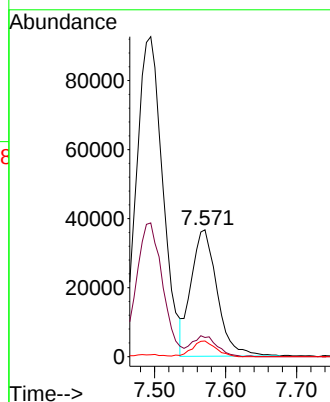
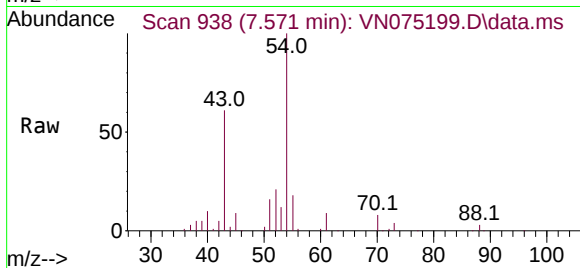
Tgt Ion: 43 Resp: 93755

Ion Ratio Lower Upper

43 100

61 15.6 12.2 18.4

70 11.3 9.4 14.2



#38

Carbon Tetrachloride

Concen: 50.751 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

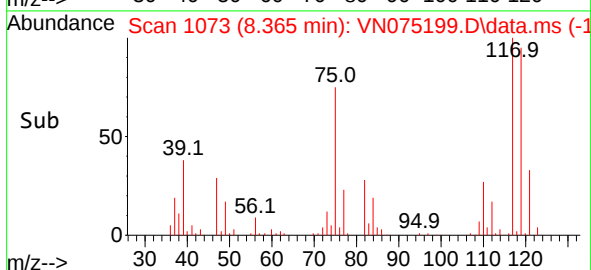
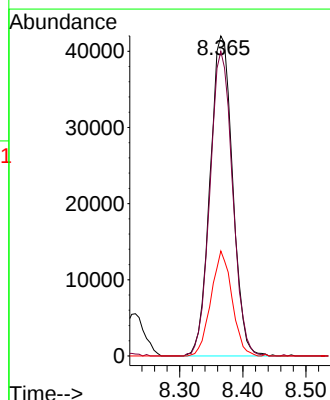
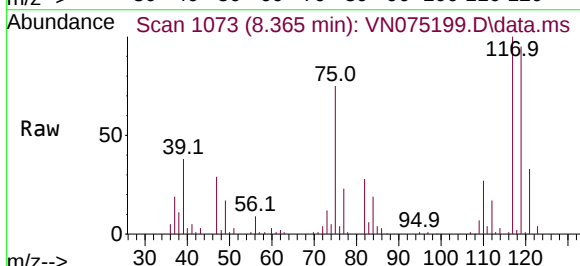
Tgt Ion: 117 Resp: 104473

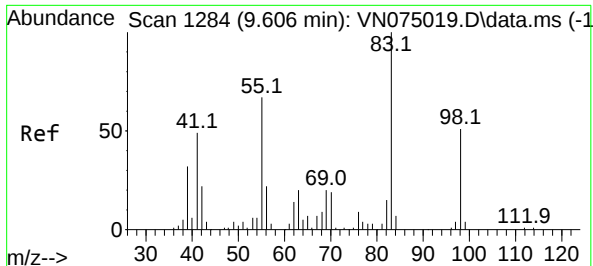
Ion Ratio Lower Upper

117 100

119 95.2 76.7 115.1

121 32.8 23.9 35.9





#39

Methylcyclohexane

Concen: 45.867 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

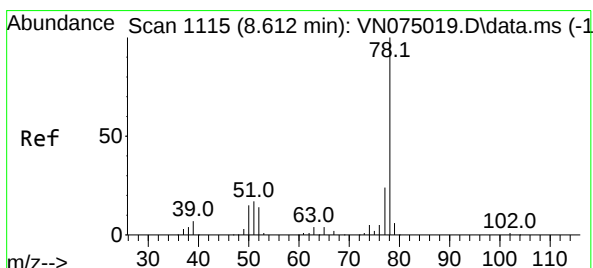
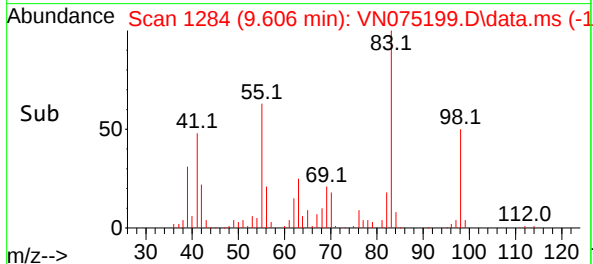
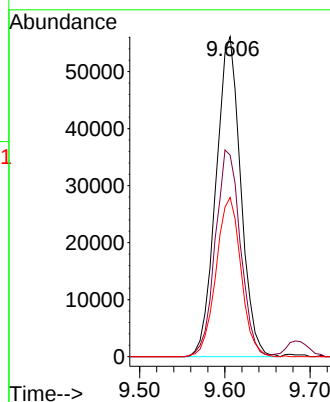
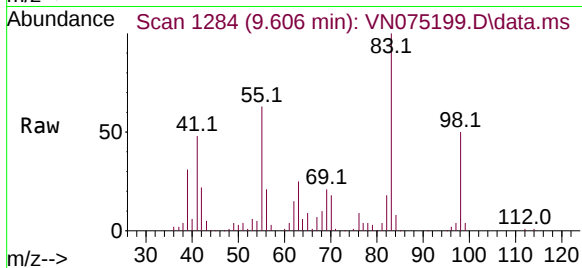
Tgt Ion: 83 Resp: 113315

Ion Ratio Lower Upper

83 100

55 63.0 53.6 80.4

98 49.8 41.1 61.7



#40

Benzene

Concen: 49.131 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075199.D

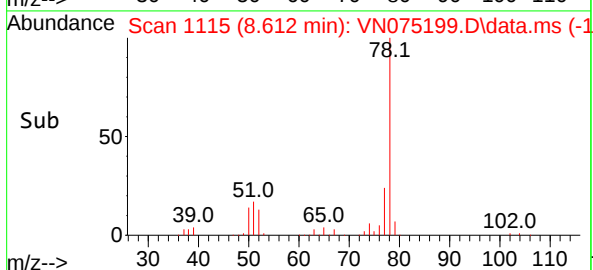
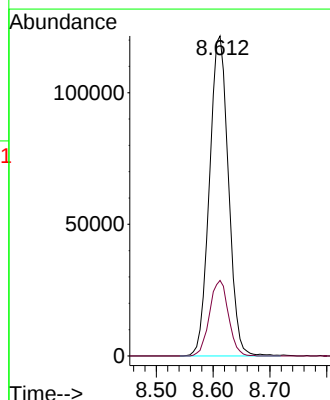
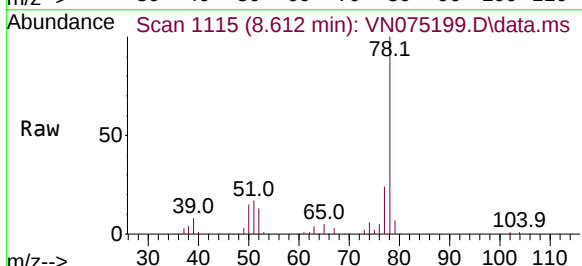
Acq: 07 Nov 2022 19:47

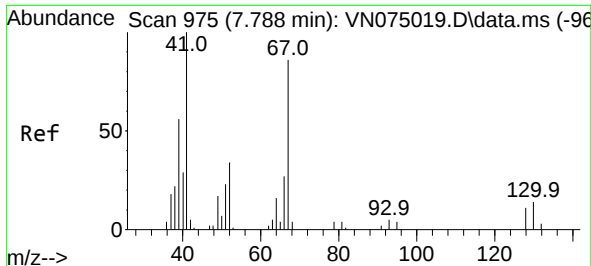
Tgt Ion: 78 Resp: 281514

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

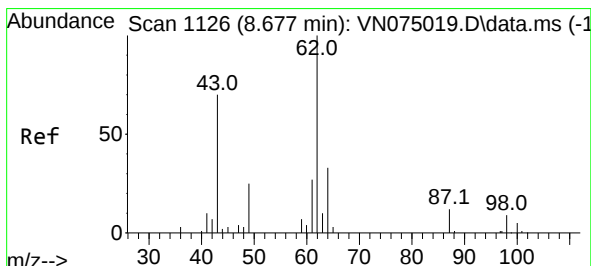
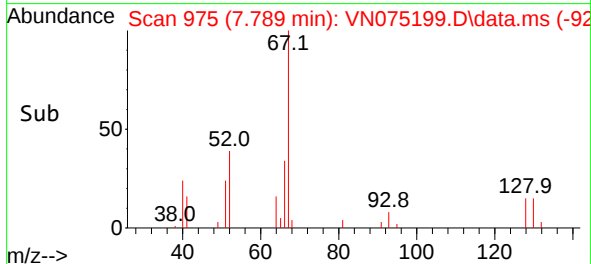
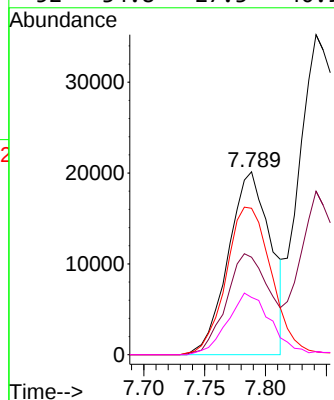
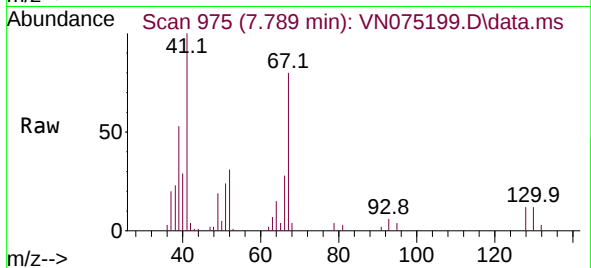




#41
Methacrylonitrile
Concen: 49.676 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

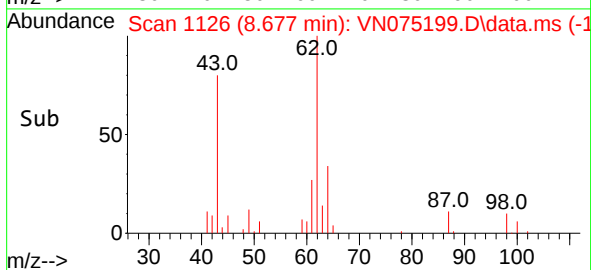
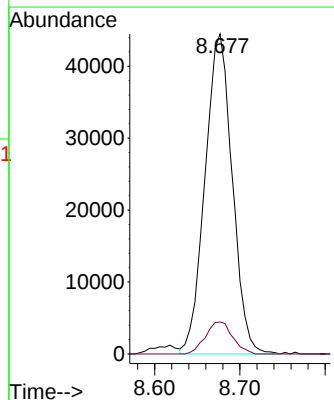
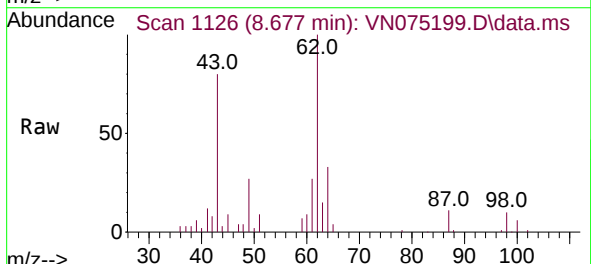
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

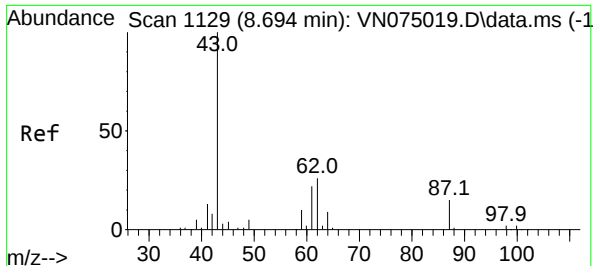
Tgt Ion:	41	Resp:	48844
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.4	66.6
67	86.4	69.8	104.6
52	34.8	27.3	40.9



#42
1,2-Dichloroethane
Concen: 47.518 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:	62	Resp:	99058
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2

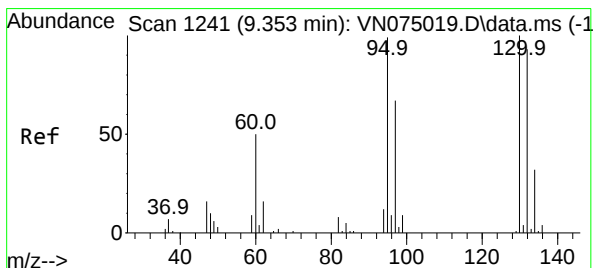
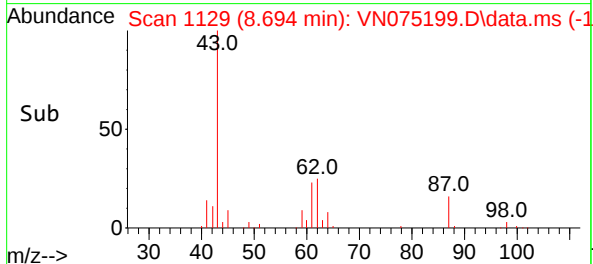
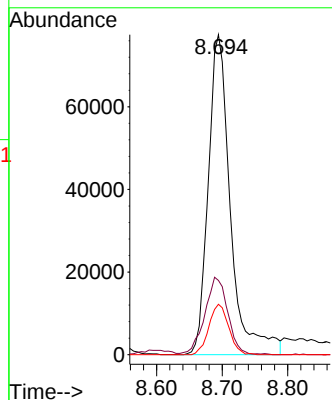
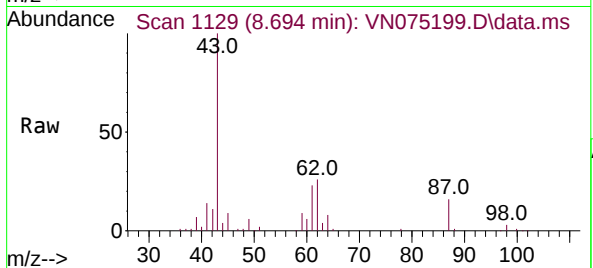




#43
Isopropyl Acetate
Concen: 57.276 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

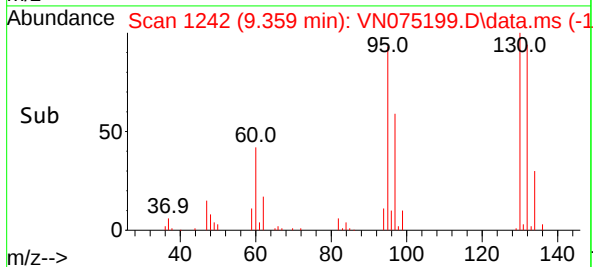
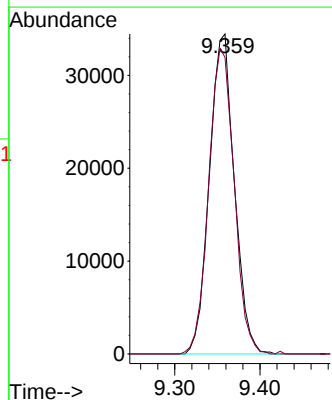
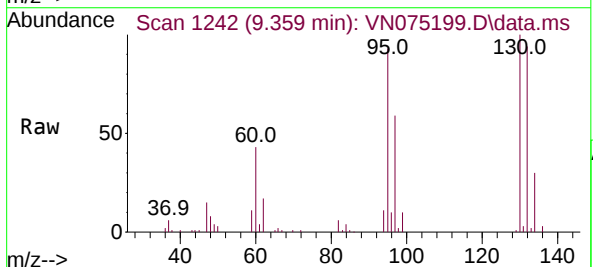
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

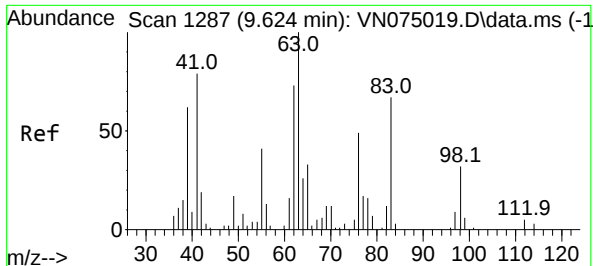
Tgt Ion: 43 Resp: 182332
Ion Ratio Lower Upper
43 100
61 24.4 22.4 33.6
87 14.0 12.5 18.7



#44
Trichloroethene
Concen: 48.753 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:130 Resp: 70085
Ion Ratio Lower Upper
130 100
95 92.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.472 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

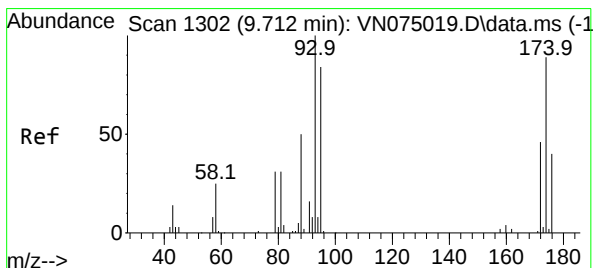
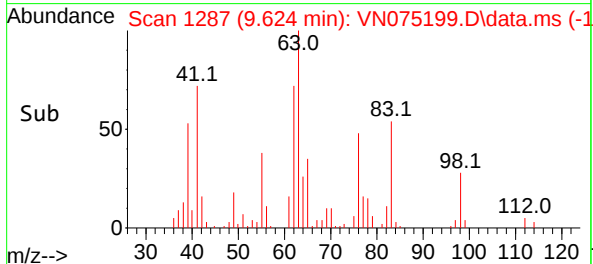
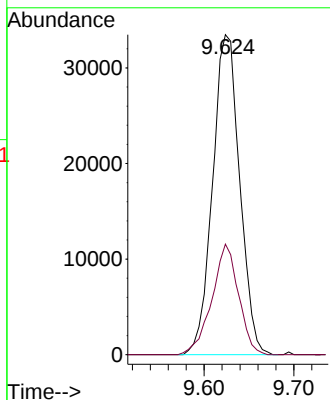
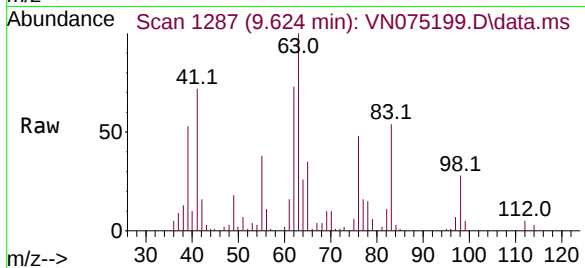
VSTDCCC050EC

Tgt Ion: 63 Resp: 70187

Ion Ratio Lower Upper

63 100

65 34.5 26.1 39.1



#46

Dibromomethane

Concen: 48.289 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

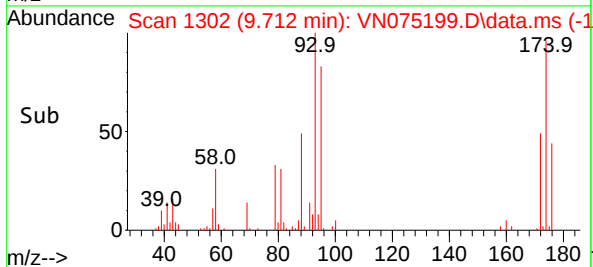
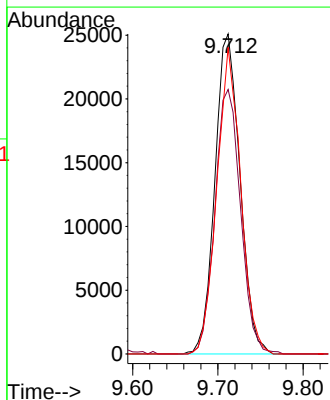
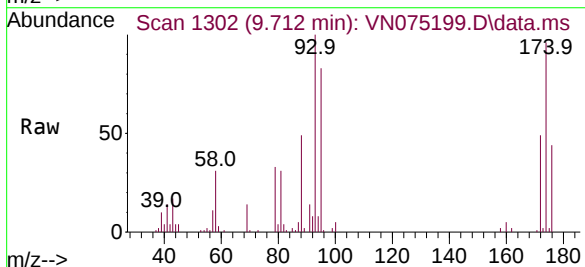
Tgt Ion: 93 Resp: 51300

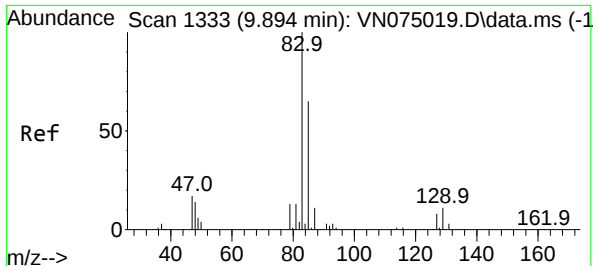
Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 91.0 70.3 105.5

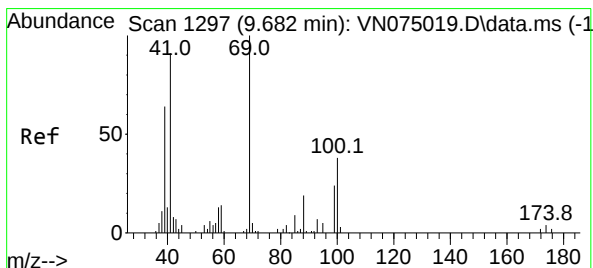
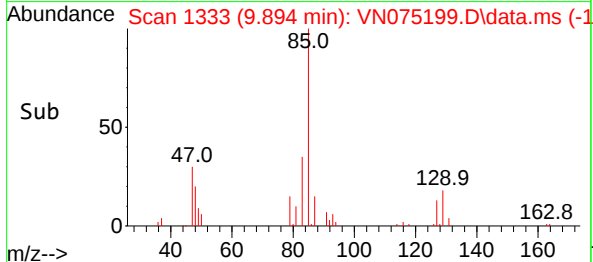
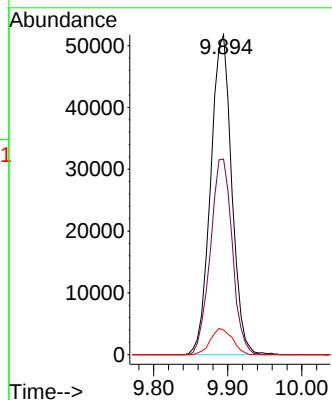
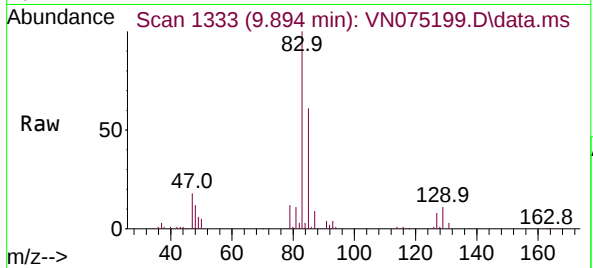




#47
Bromodichloromethane
Concen: 49.706 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

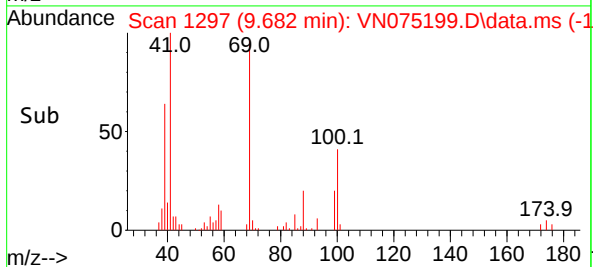
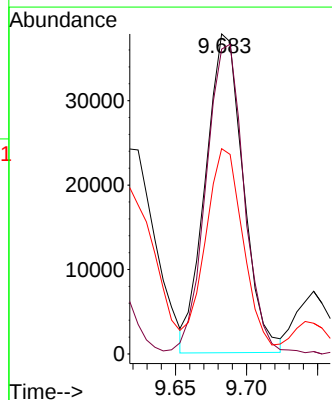
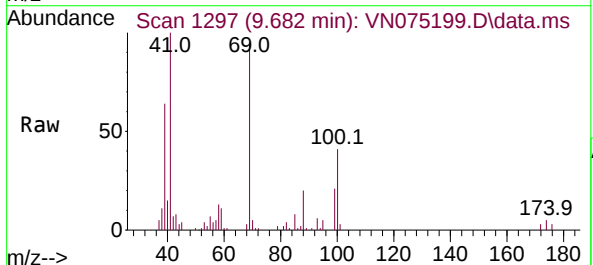
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

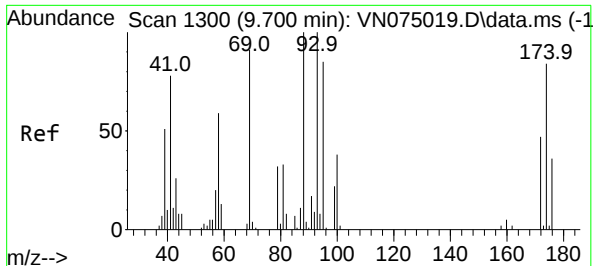
Tgt Ion: 83 Resp: 102260
Ion Ratio Lower Upper
83 100
85 61.1 52.1 78.1
127 7.7 6.6 10.0



#48
Methyl methacrylate
Concen: 47.857 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 41 Resp: 69884
Ion Ratio Lower Upper
41 100
69 98.4 80.2 120.2
39 65.3 56.2 84.2





#49

1,4-Dioxane

Concen: 1026.184 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

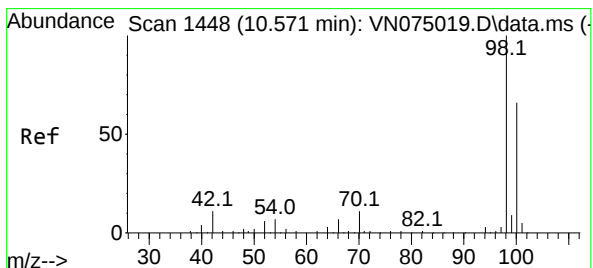
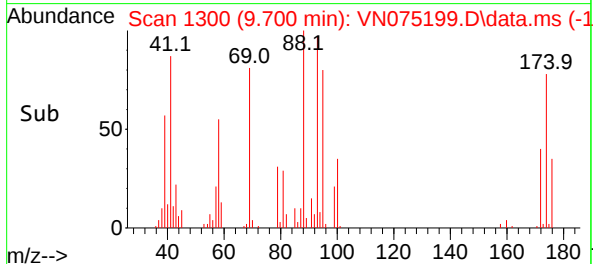
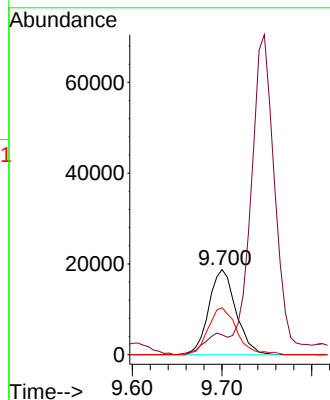
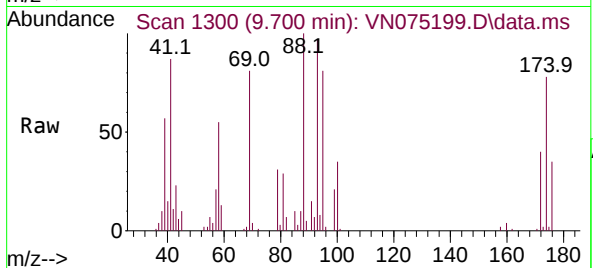
Tgt Ion: 88 Resp: 39240

Ion Ratio Lower Upper

88 100

43 21.7 17.5 26.3

58 58.3 49.8 74.8



#50

Toluene-d8

Concen: 50.600 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075199.D

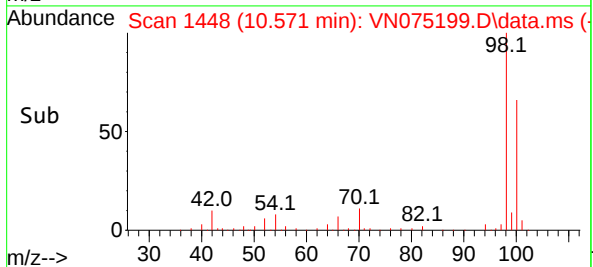
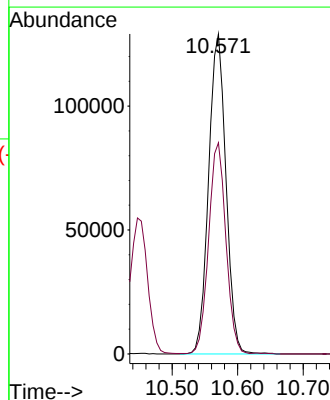
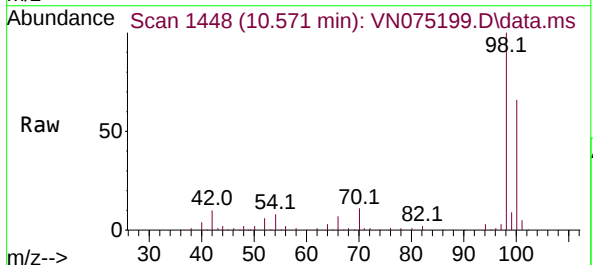
Acq: 07 Nov 2022 19:47

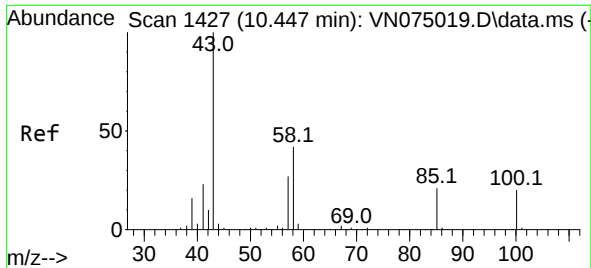
Tgt Ion: 98 Resp: 237298

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

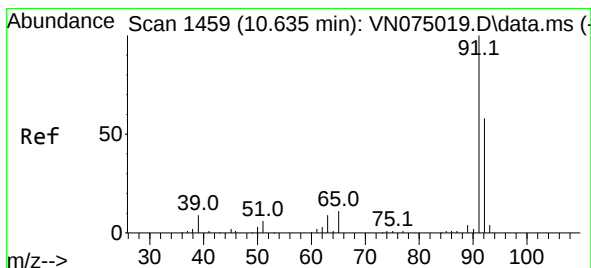
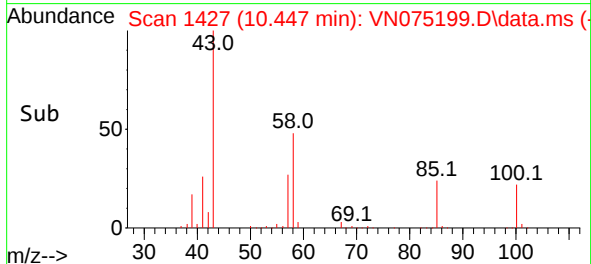
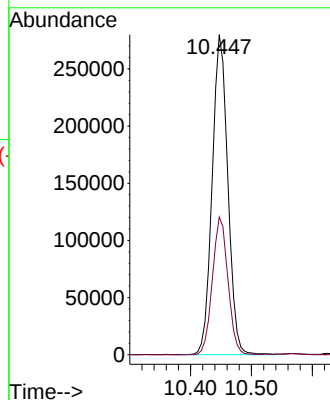
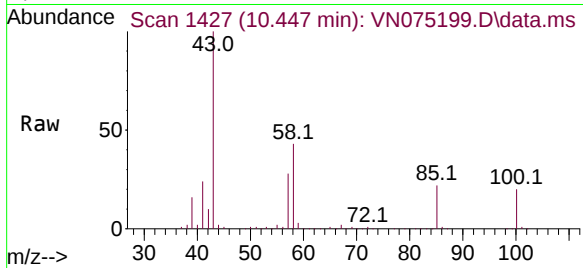




#51
4-Methyl-2-Pentanone
Concen: 243.611 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

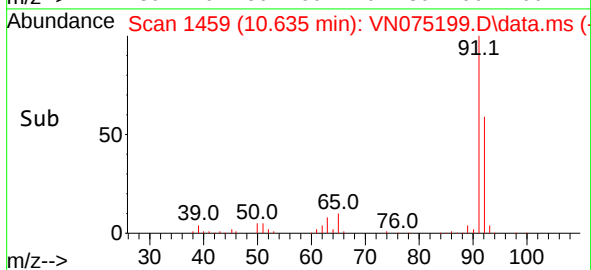
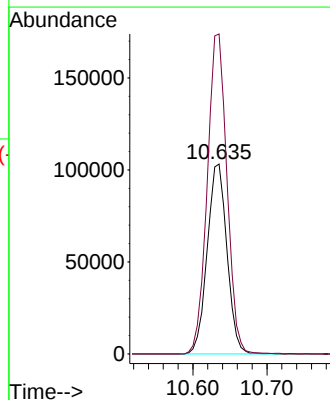
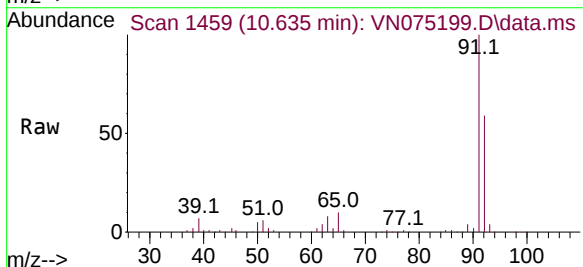
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

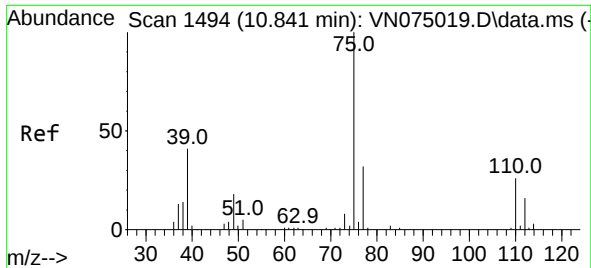
Tgt Ion: 43 Resp: 500438
Ion Ratio Lower Upper
43 100
58 42.6 33.6 50.4



#52
Toluene
Concen: 49.903 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 92 Resp: 191140
Ion Ratio Lower Upper
92 100
91 168.3 135.4 203.2

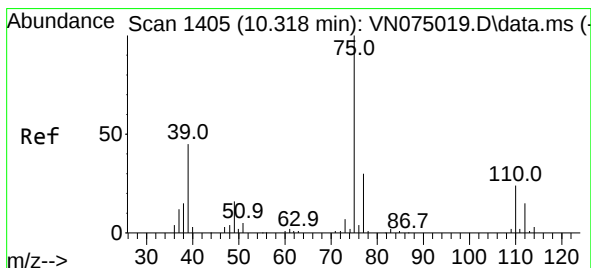
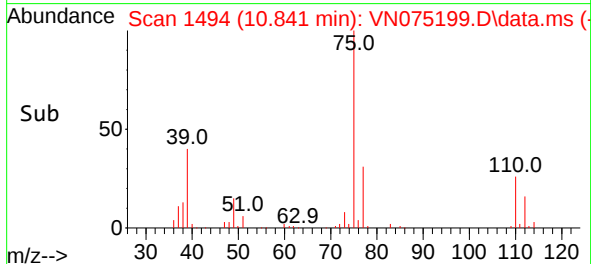
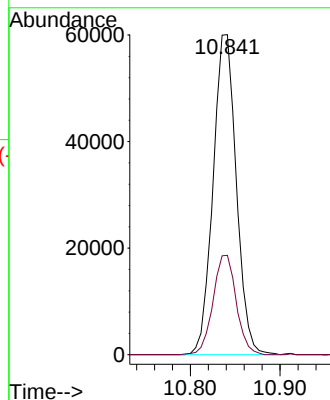
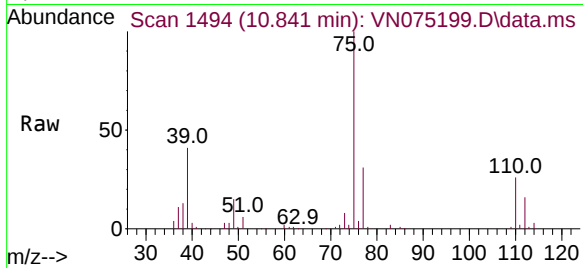




#53
 t-1,3-Dichloropropene
 Concen: 49.794 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

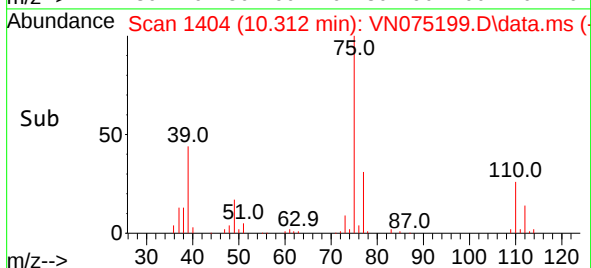
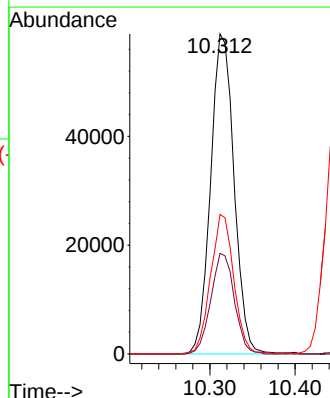
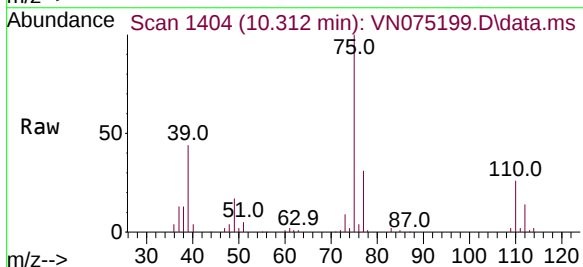
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

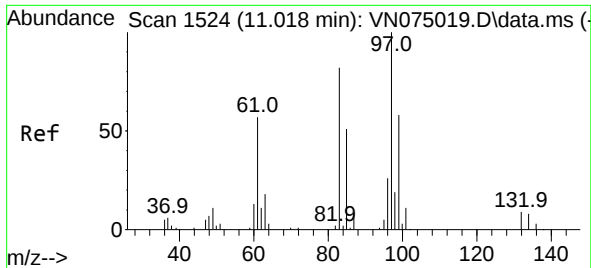
Tgt Ion: 75 Resp: 108128
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.743 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

Tgt Ion: 75 Resp: 112263
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.7 35.5
 39 43.6 35.8 53.6

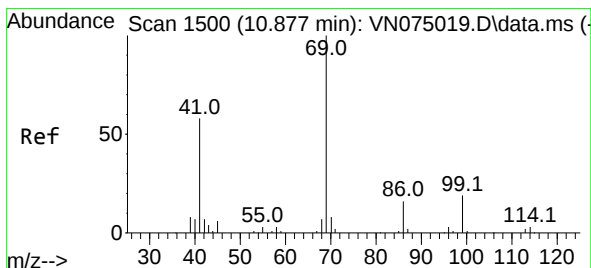
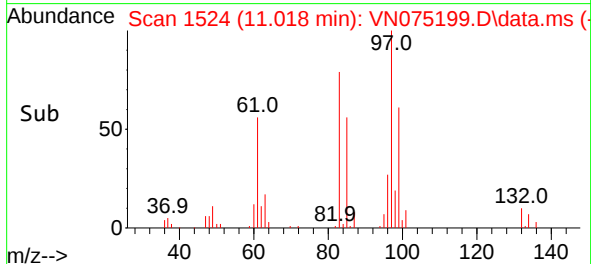
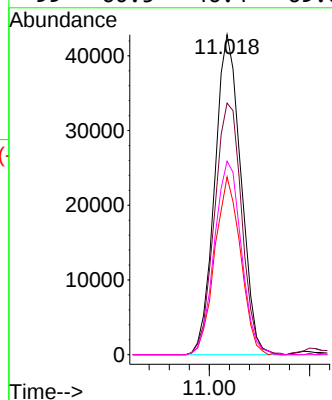
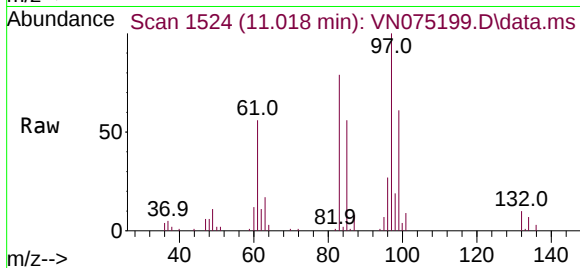




#55
1,1,2-Trichloroethane
Concen: 51.033 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

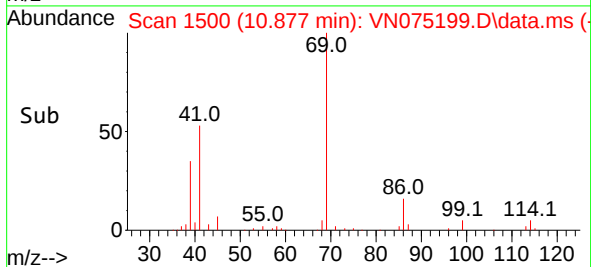
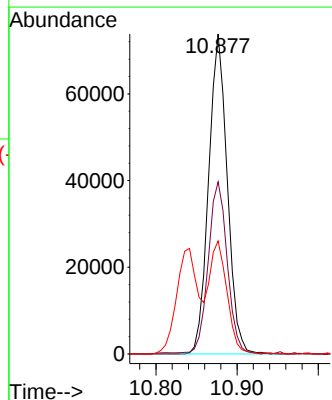
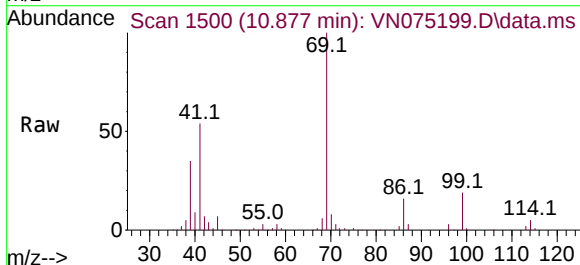
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

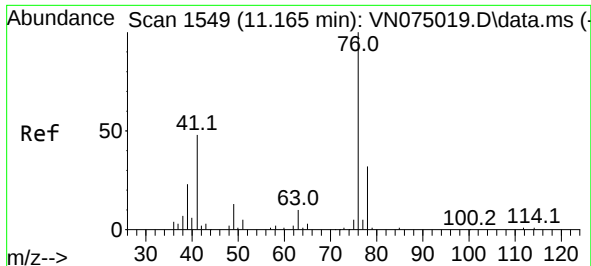
Tgt Ion:	97	Resp:	77505
Ion	Ratio	Lower	Upper
97	100		
83	78.7	65.9	98.9
85	55.5	40.4	60.6
99	60.5	46.4	69.6



#56
Ethyl methacrylate
Concen: 50.826 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:	69	Resp:	117746
Ion	Ratio	Lower	Upper
69	100		
41	55.0	45.6	68.4
39	33.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 50.137 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

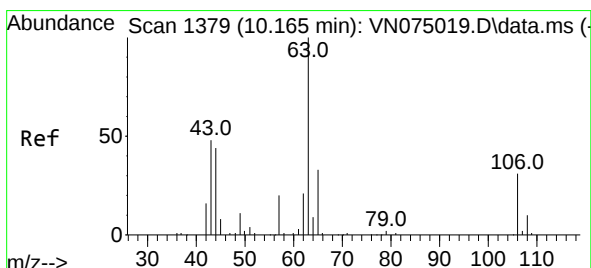
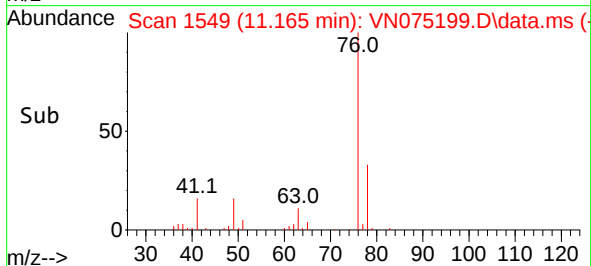
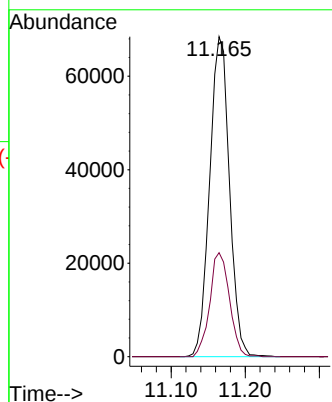
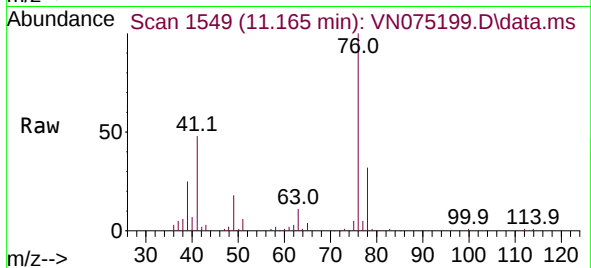
VSTDCCC050EC

Tgt Ion: 76 Resp: 126806

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 236.911 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075199.D

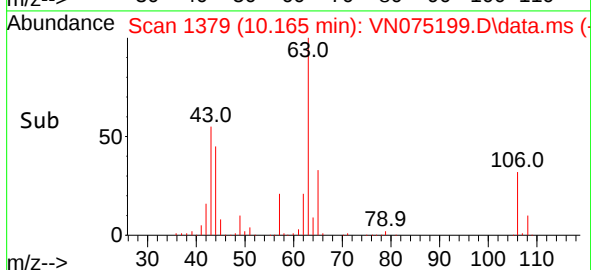
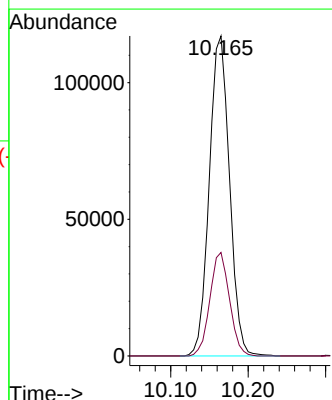
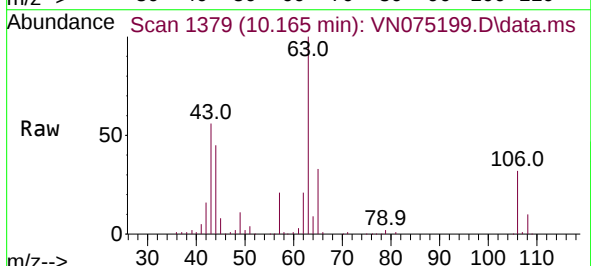
Acq: 07 Nov 2022 19:47

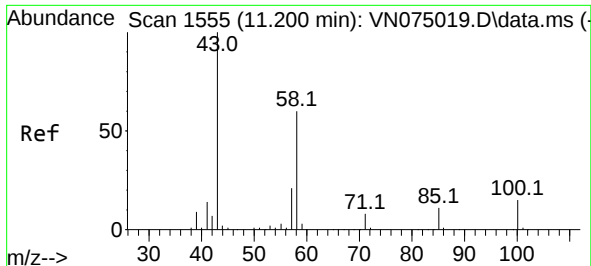
Tgt Ion: 63 Resp: 212178

Ion Ratio Lower Upper

63 100

106 31.3 24.8 37.2





#59

2-Hexanone

Concen: 244.119 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

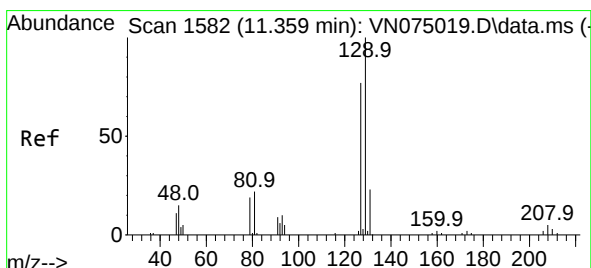
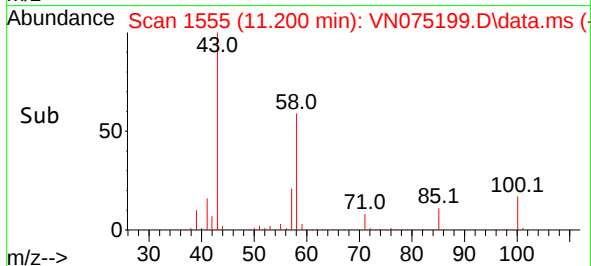
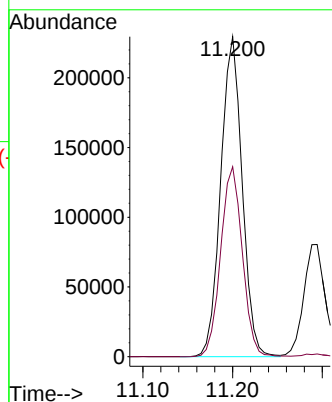
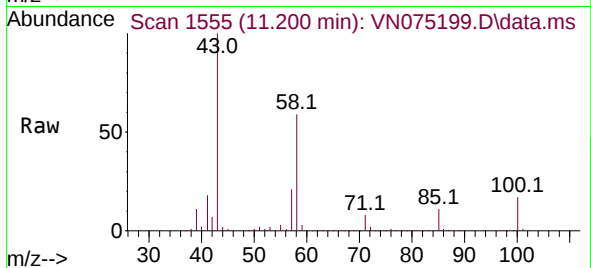
VSTDCCC050EC

Tgt Ion: 43 Resp: 380607

Ion Ratio Lower Upper

43 100

58 60.1 29.6 88.8



#60

Dibromochloromethane

Concen: 52.818 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VN075199.D

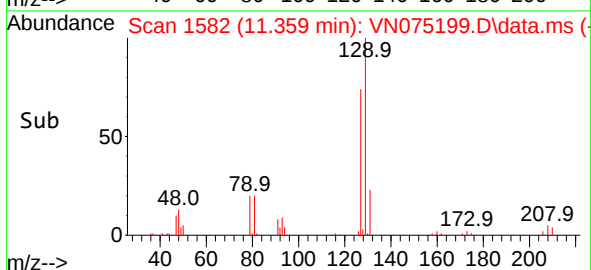
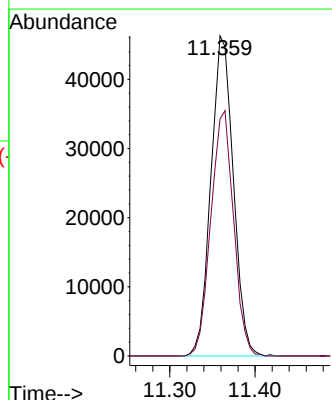
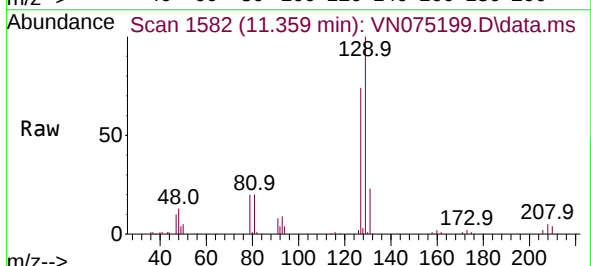
Acq: 07 Nov 2022 19:47

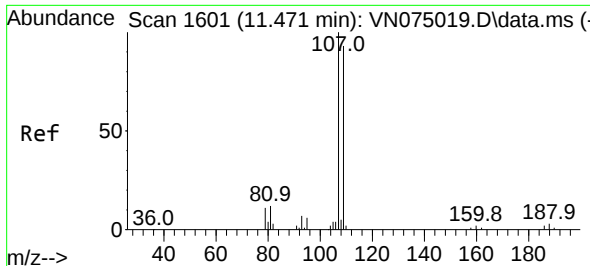
Tgt Ion:129 Resp: 84631

Ion Ratio Lower Upper

129 100

127 77.5 38.6 115.8

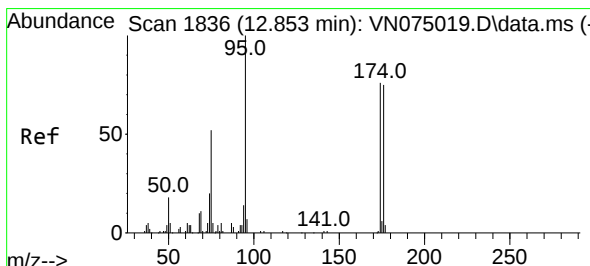
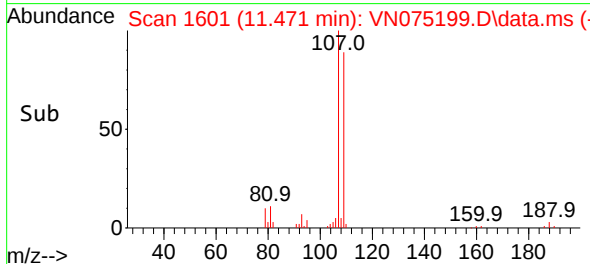
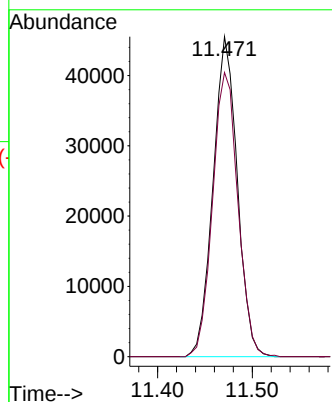
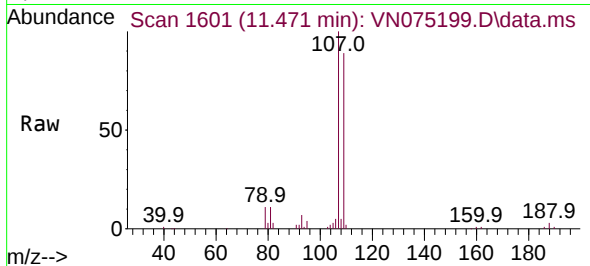




#61
1,2-Dibromoethane
Concen: 51.938 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

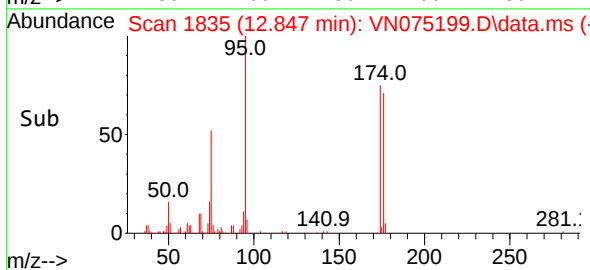
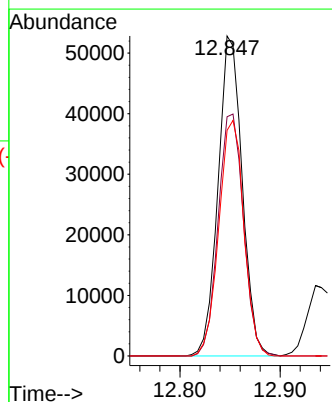
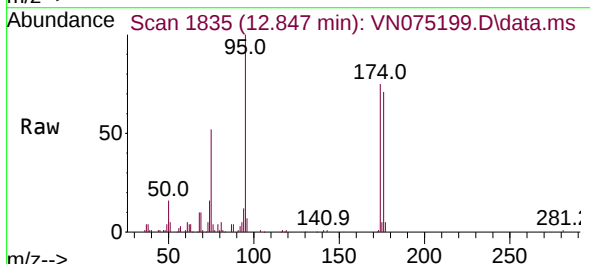
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

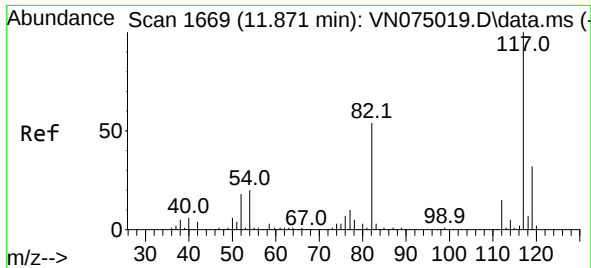
Tgt Ion:107 Resp: 80837
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.593 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 95 Resp: 88288
Ion Ratio Lower Upper
95 100
174 79.2 0.0 147.4
176 76.4 0.0 142.2

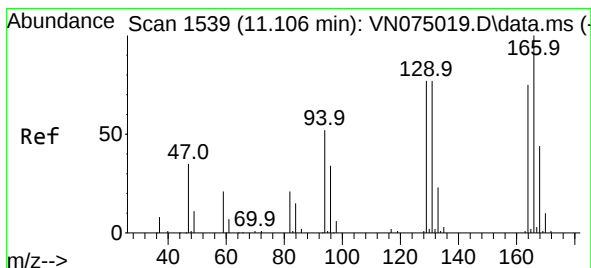
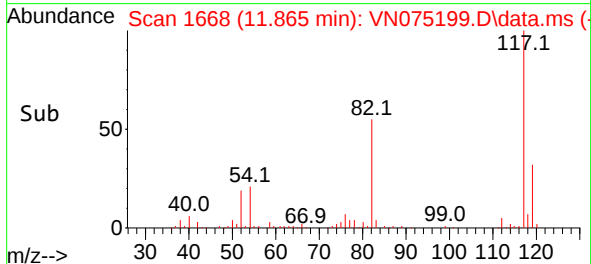
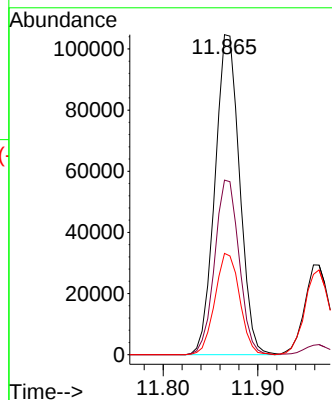
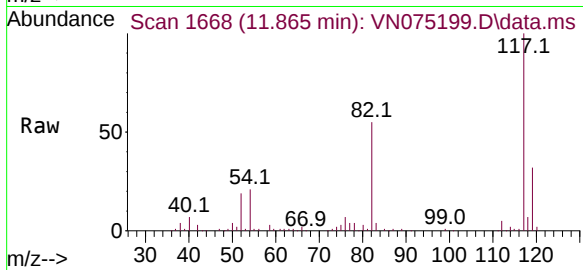




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

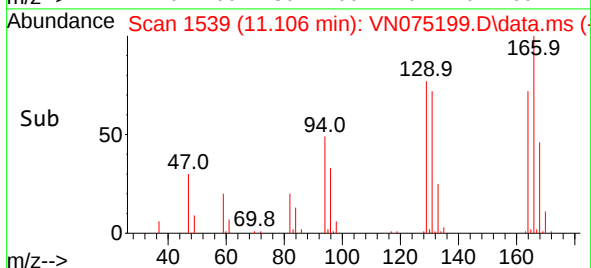
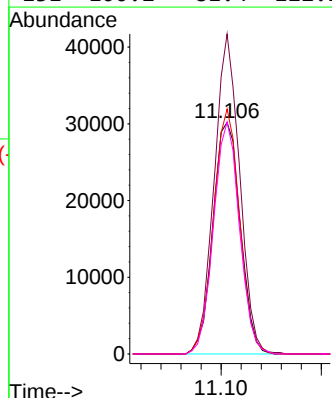
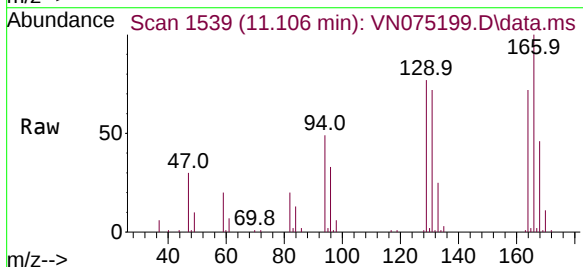
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

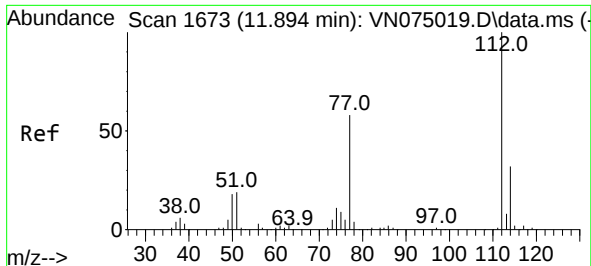
Tgt Ion:117 Resp: 189473
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 49.214 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:164 Resp: 57168
Ion Ratio Lower Upper
164 100
166 138.2 106.5 159.7
129 105.8 81.9 122.9
131 100.2 81.4 122.2

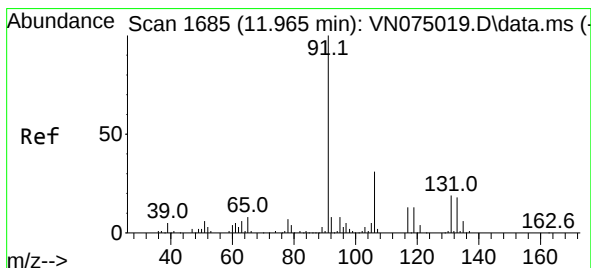
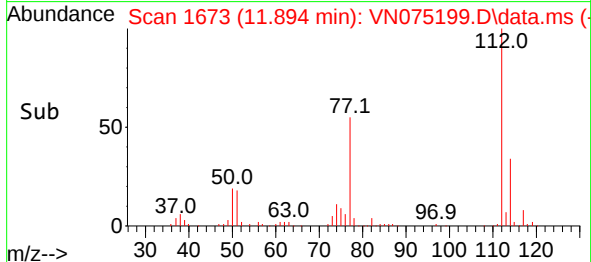
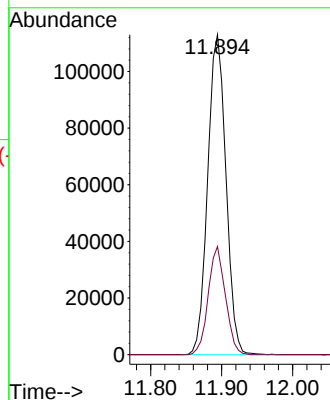
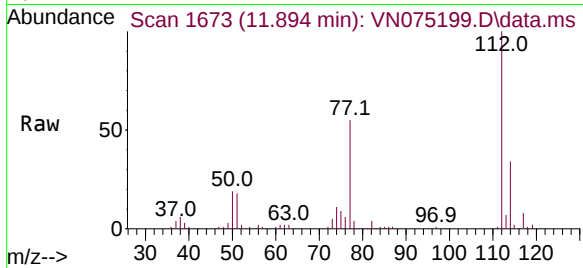




#65
Chlorobenzene
Concen: 49.930 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

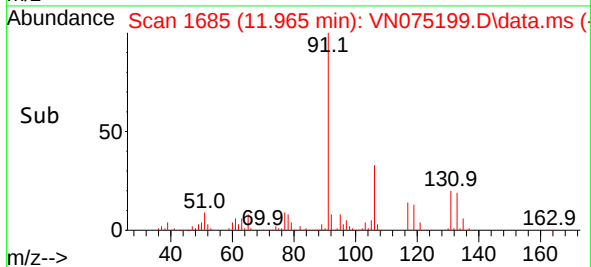
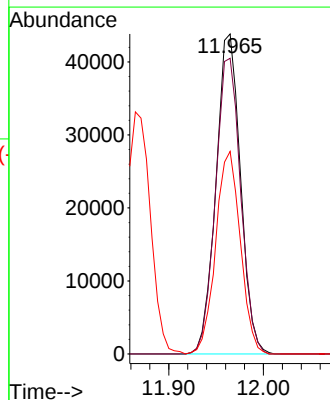
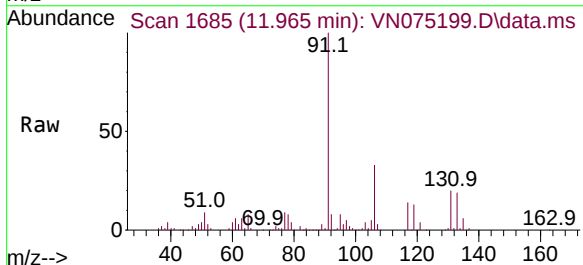
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

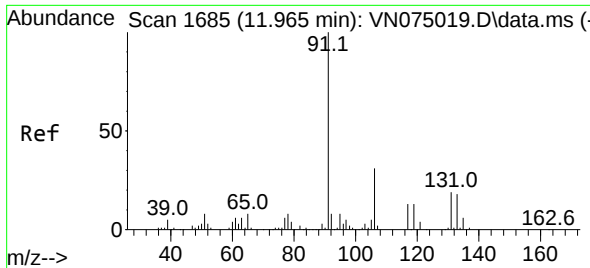
Tgt Ion:112 Resp: 201936
Ion Ratio Lower Upper
112 100
114 33.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.594 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:131 Resp: 78906
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 63.7 33.0 99.0

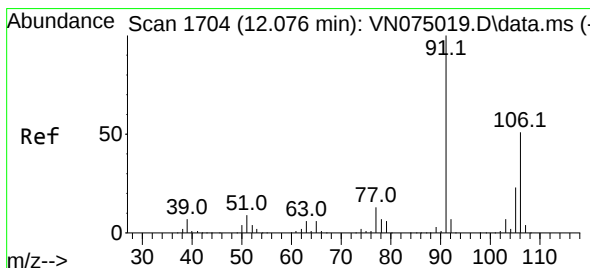
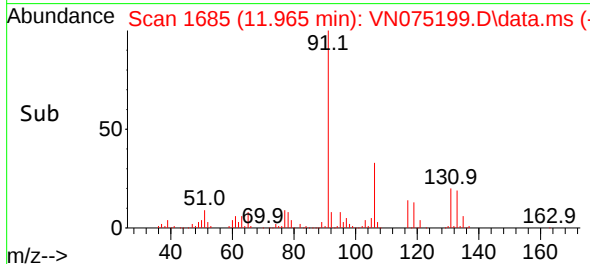
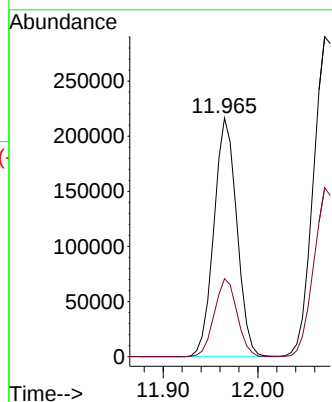
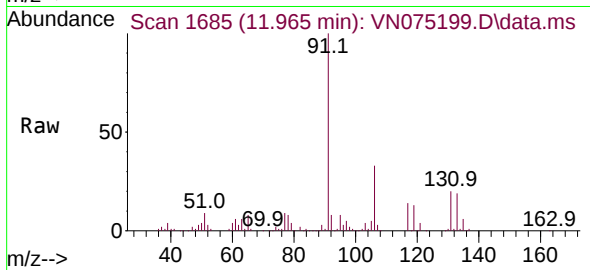




#67
Ethyl Benzene
Concen: 49.970 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

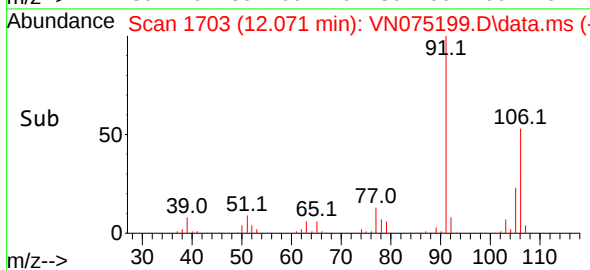
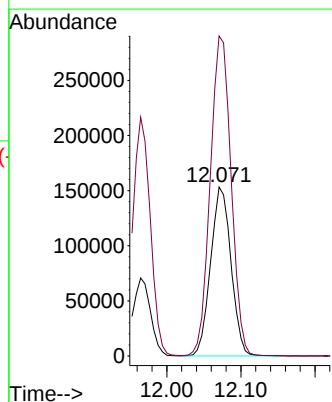
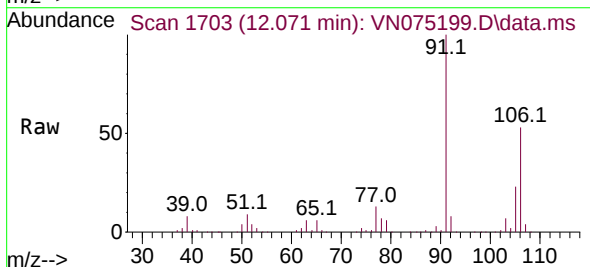
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

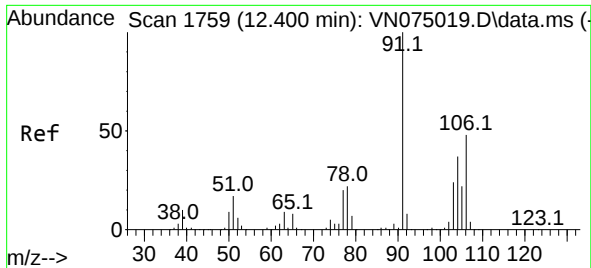
Tgt Ion: 91 Resp: 363600
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 100.478 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:106 Resp: 293357
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0

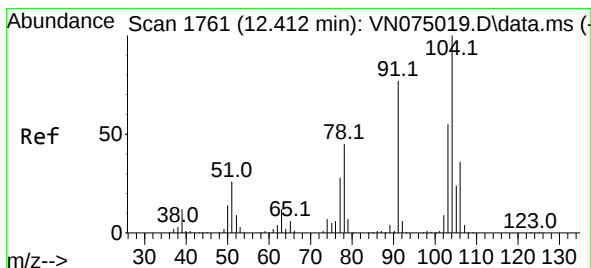
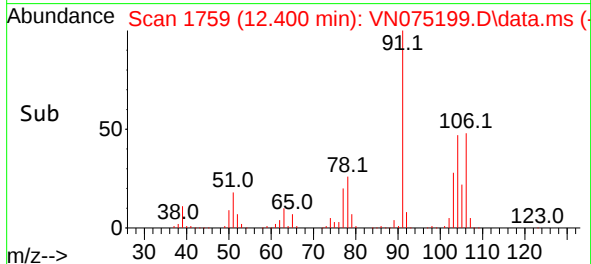
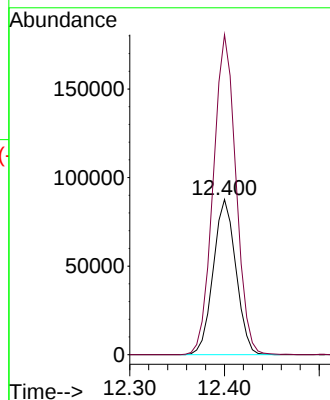
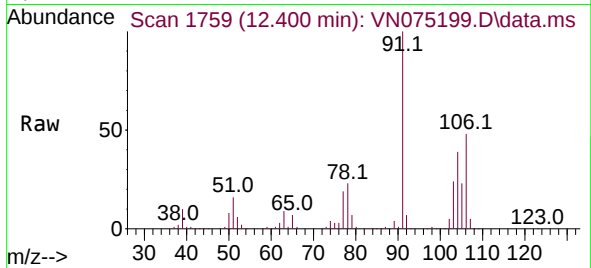




#69
o-Xylene
Concen: 50.422 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

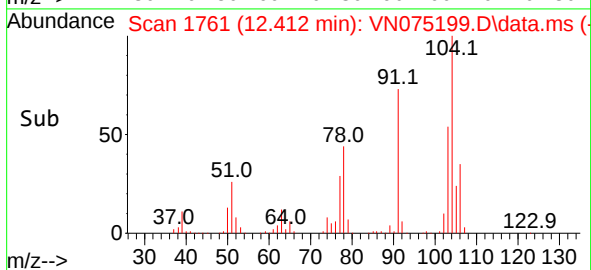
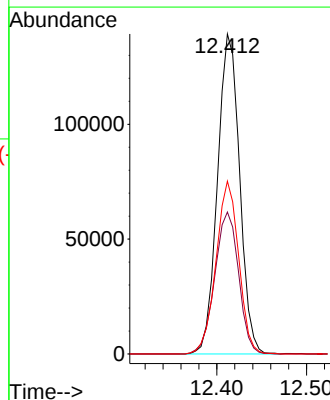
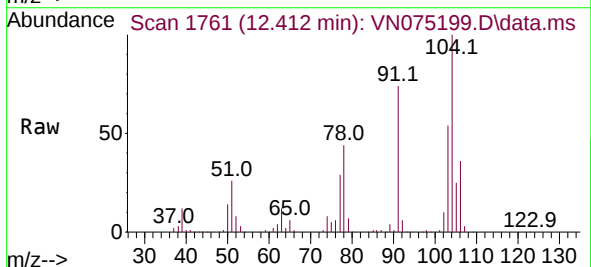
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

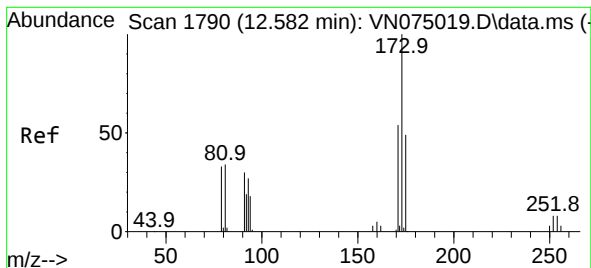
Tgt Ion:106 Resp: 145586
Ion Ratio Lower Upper
106 100
91 207.1 105.2 315.5



#70
Styrene
Concen: 51.801 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:104 Resp: 238484
Ion Ratio Lower Upper
104 100
78 47.7 38.1 57.1
103 55.4 44.6 66.8





#71

Bromoform

Concen: 53.496 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

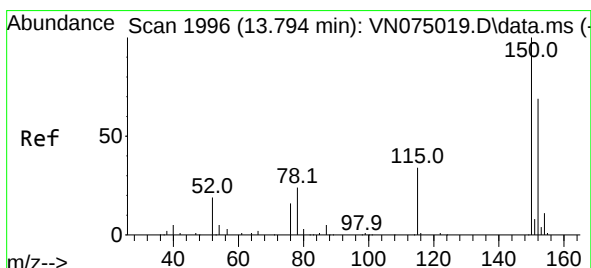
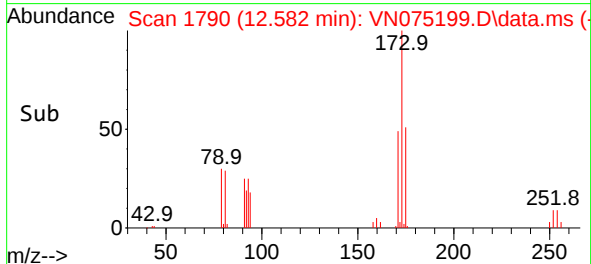
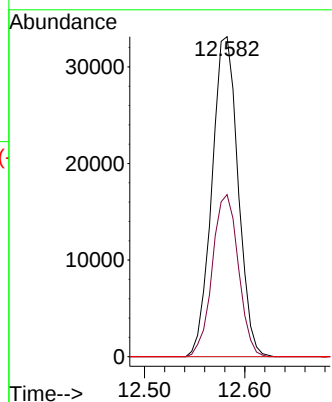
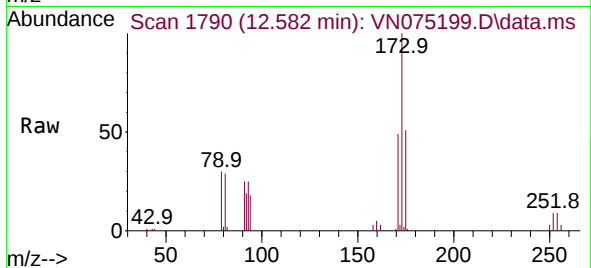
Tgt Ion:173 Resp: 60090

Ion Ratio Lower Upper

173 100

175 50.4 24.6 74.0

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: VN075199.D

Acq: 07 Nov 2022 19:47

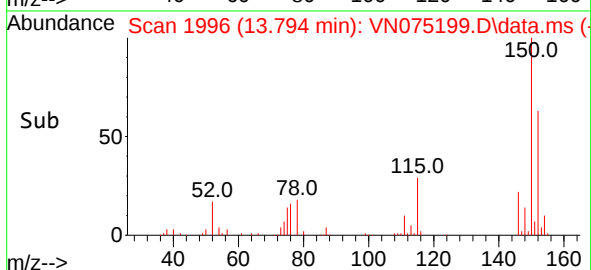
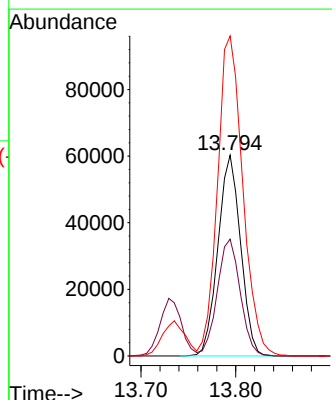
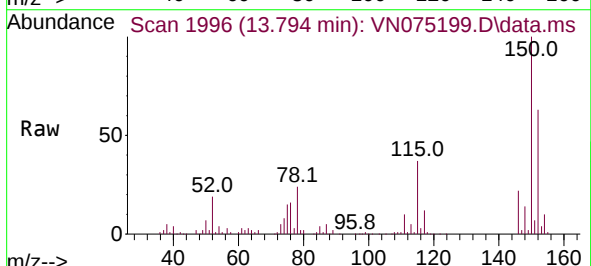
Tgt Ion:152 Resp: 100290

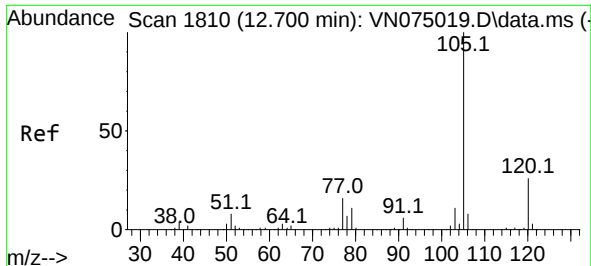
Ion Ratio Lower Upper

152 100

115 59.0 30.2 90.6

150 177.7 0.0 348.4

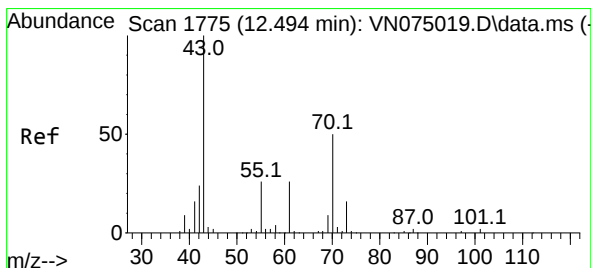
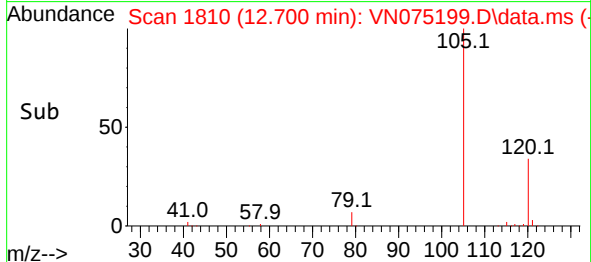
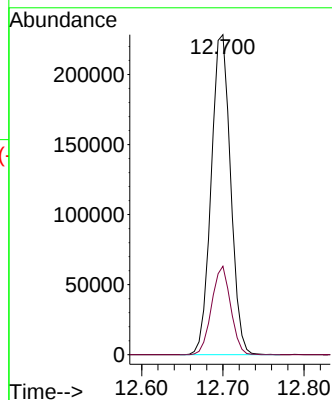
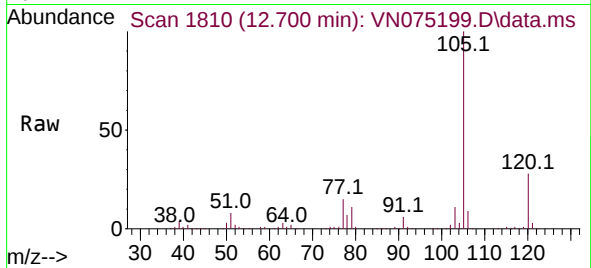




#73
Isopropylbenzene
Concen: 47.040 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

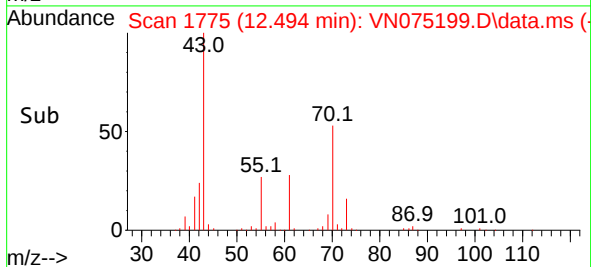
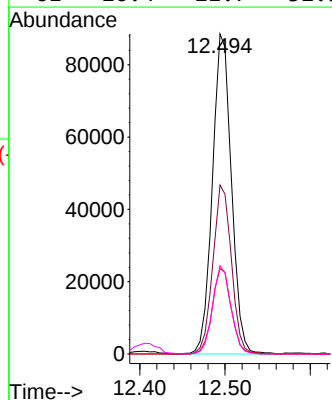
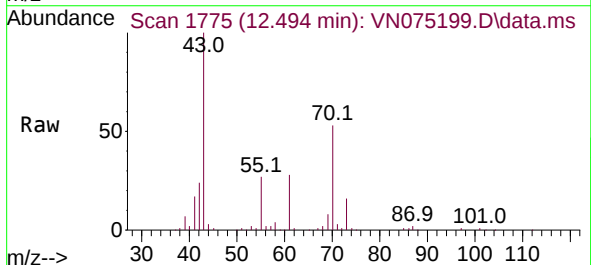
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

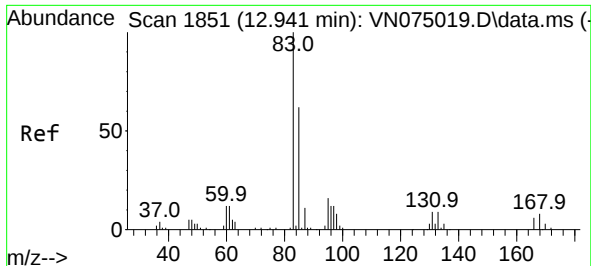
Tgt Ion:105 Resp: 378740
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1



#74
N-ethyl acetate
Concen: 46.186 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 43 Resp: 137533
Ion Ratio Lower Upper
43 100
70 51.5 39.8 59.8
55 26.7 19.9 29.9
61 26.4 21.7 32.5

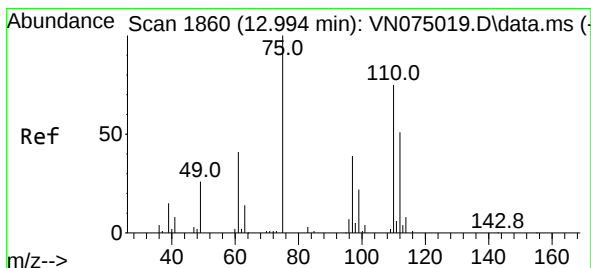
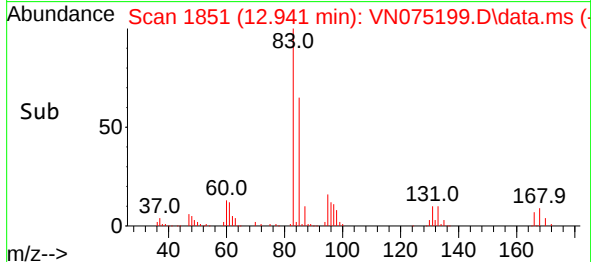
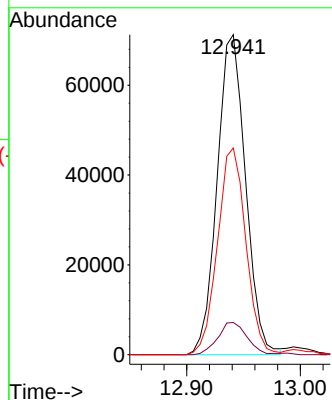
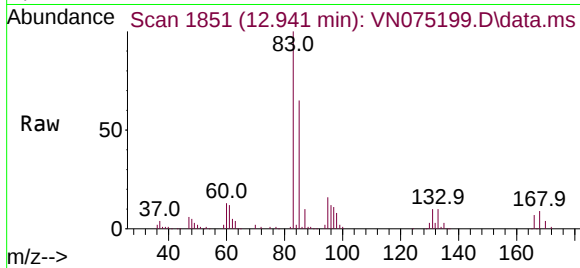




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.552 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

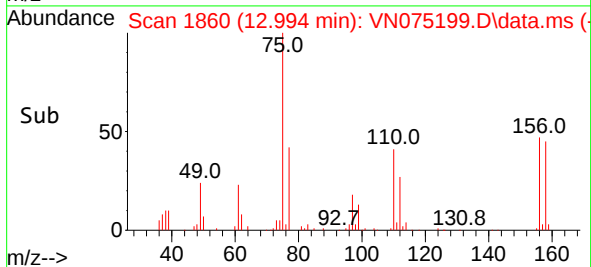
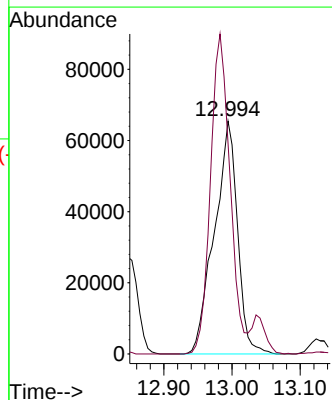
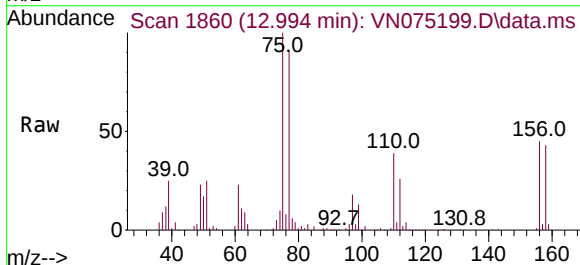
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

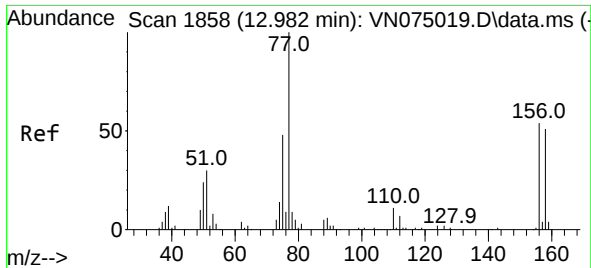
Tgt Ion: 83 Resp: 123995
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.3
 85 64.3 31.6 94.7



#76
 1,2,3-Trichloropropane
 Concen: 72.632 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

Tgt Ion: 75 Resp: 154664
 Ion Ratio Lower Upper
 75 100
 77 116.7 75.6 226.8

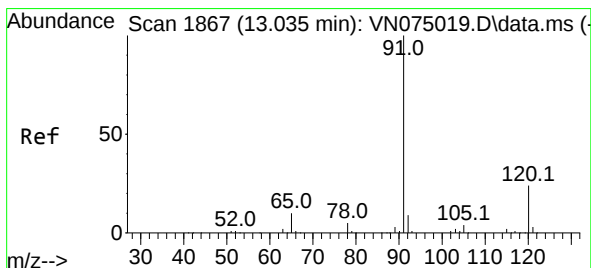
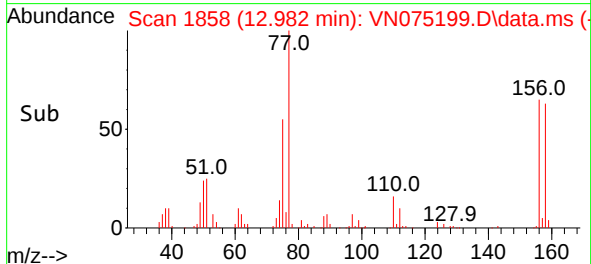
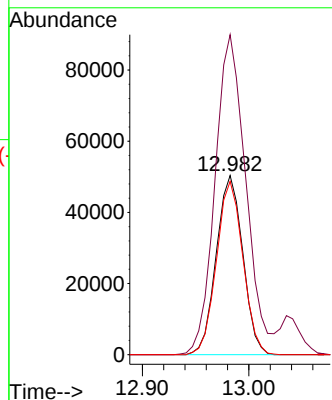
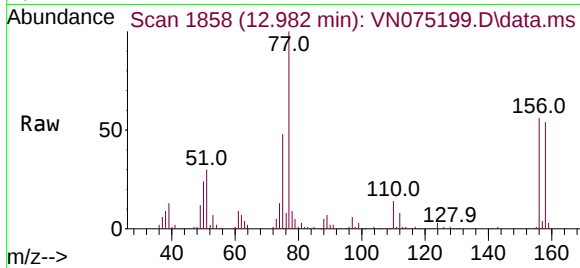




#77
Bromobenzene
Concen: 49.034 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

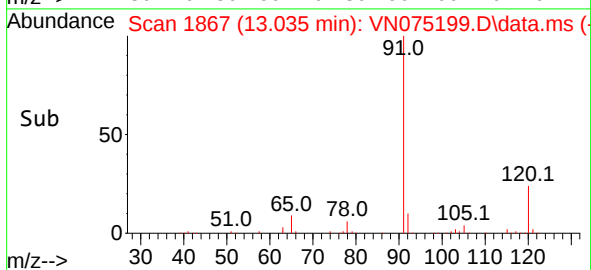
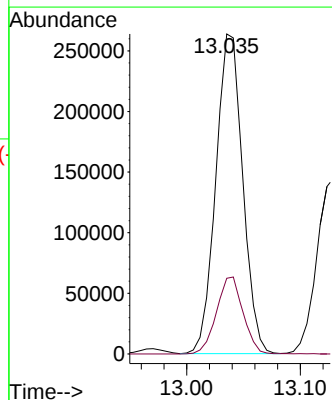
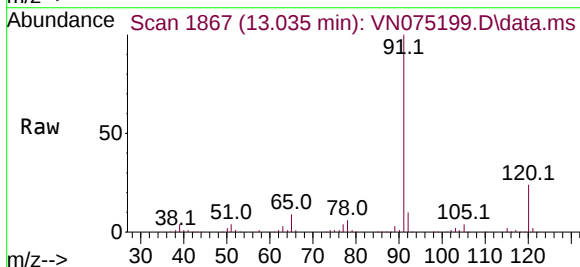
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

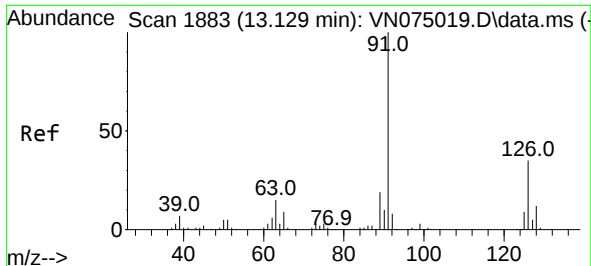
Tgt Ion:156 Resp: 86928
Ion Ratio Lower Upper
156 100
77 207.7 108.5 325.5
158 96.5 47.7 143.1



#78
n-propylbenzene
Concen: 48.057 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 91 Resp: 434416
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

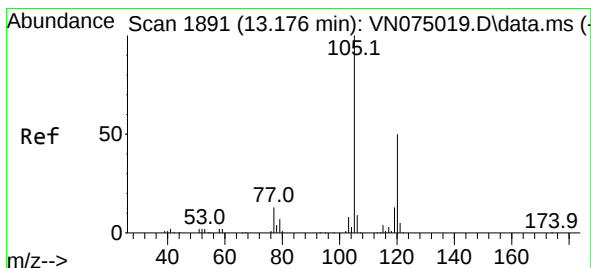
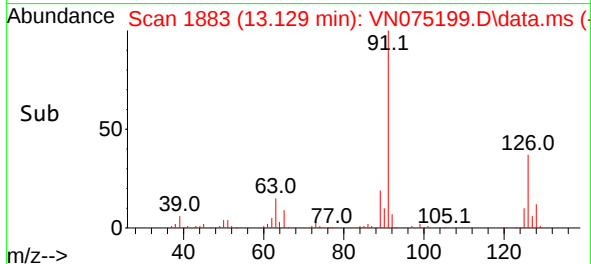
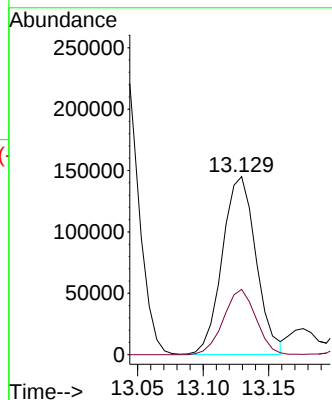
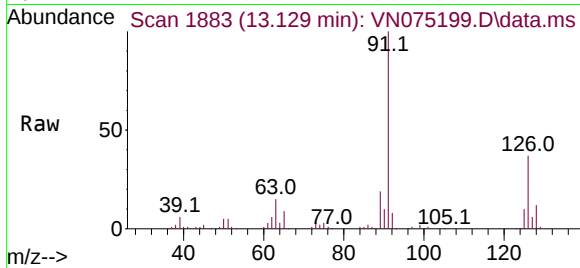




#79
2-Chlorotoluene
Concen: 46.974 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

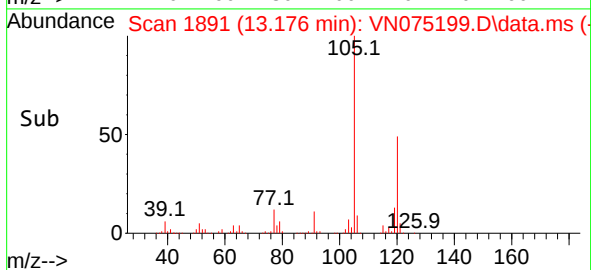
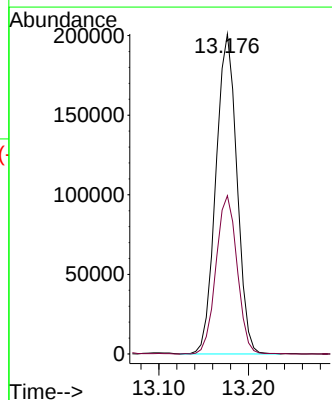
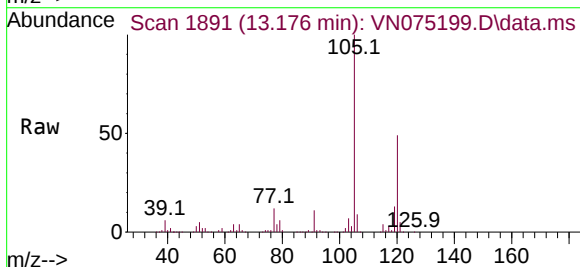
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

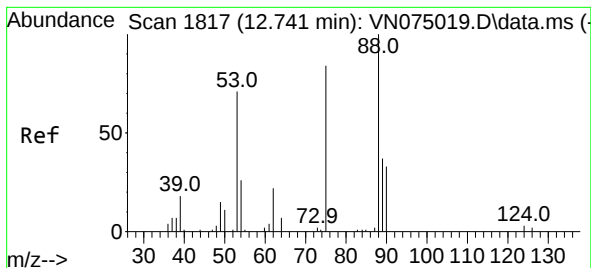
Tgt Ion: 91 Resp: 259481
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 48.417 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 105 Resp: 327425
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1

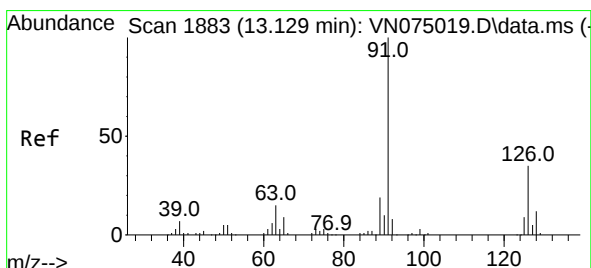
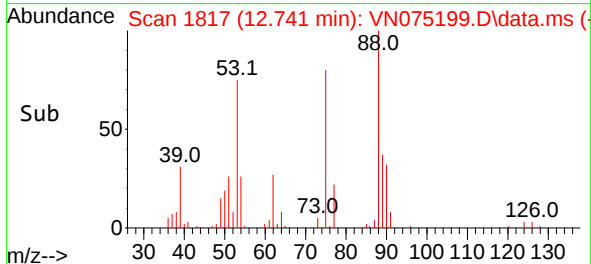
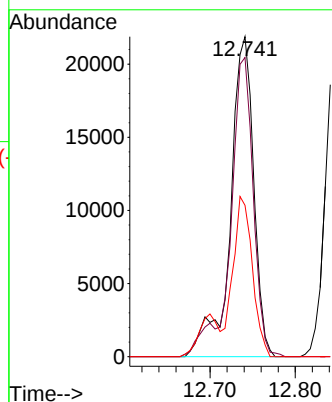
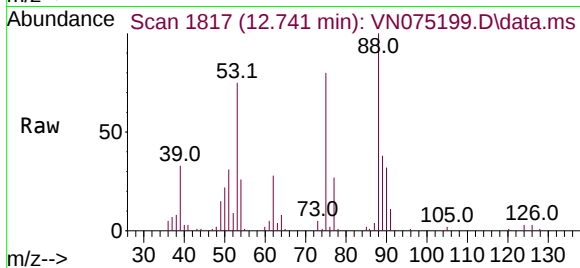




#81
trans-1,4-Dichloro-2-butene
Concen: 50.322 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

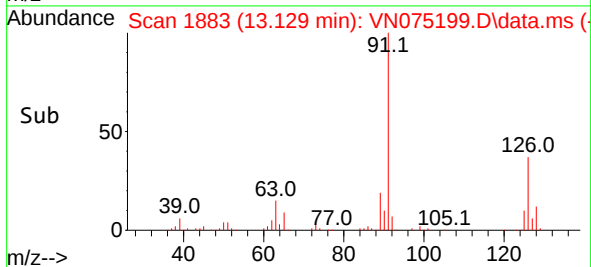
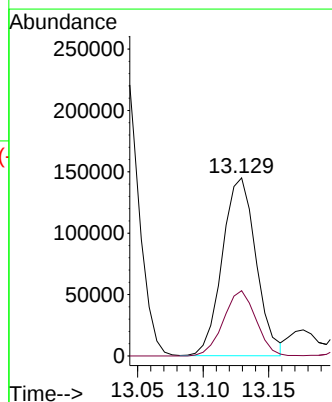
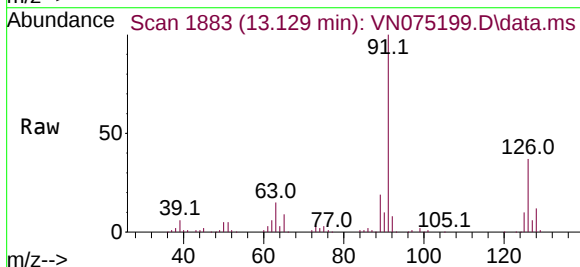
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

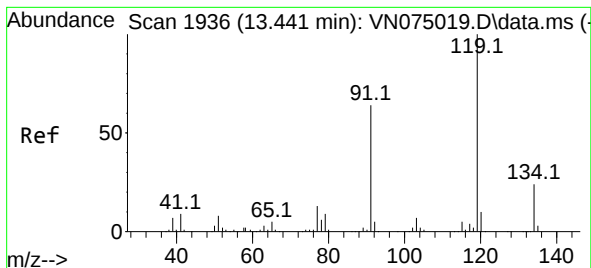
Tgt Ion: 75 Resp: 41744
Ion Ratio Lower Upper
75 100
53 91.2 78.5 117.7
89 42.0 37.7 56.5



#82
4-Chlorotoluene
Concen: 46.974 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion: 91 Resp: 259481
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7

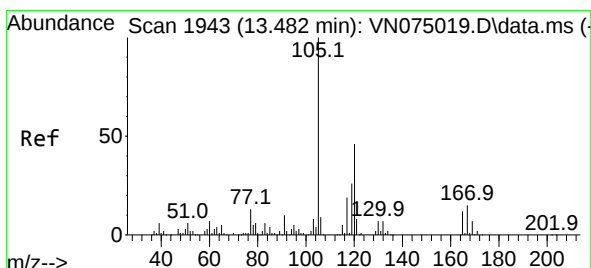
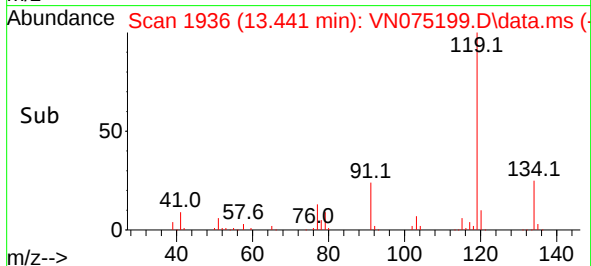
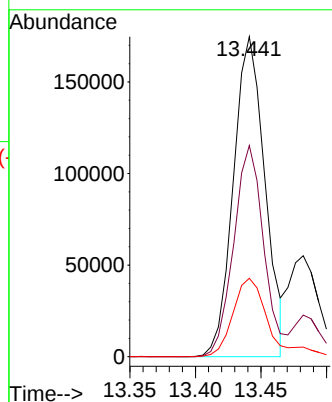
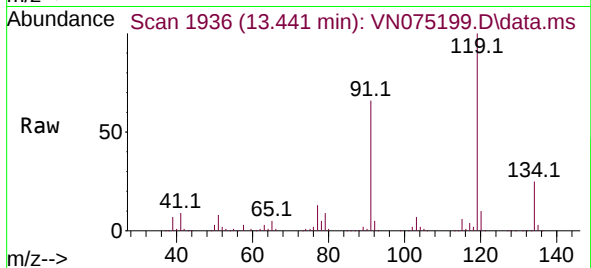




#83
tert-Butylbenzene
Concen: 48.648 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

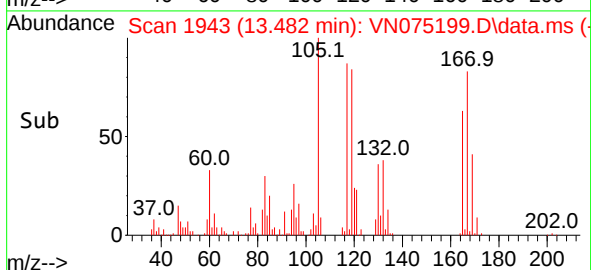
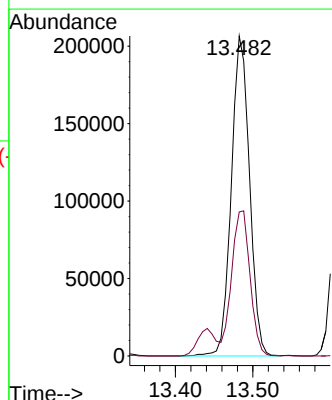
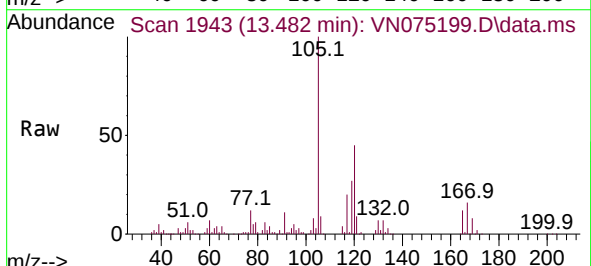
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

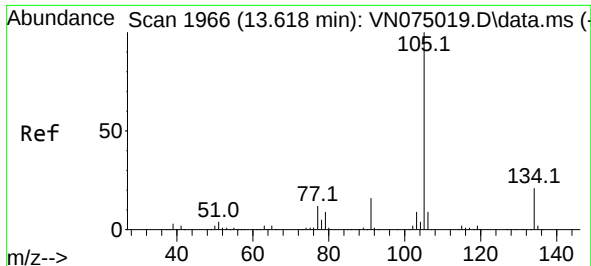
Tgt Ion:119 Resp: 292325
Ion Ratio Lower Upper
119 100
91 63.7 32.8 98.4
134 27.4 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 49.292 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:105 Resp: 337268
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1

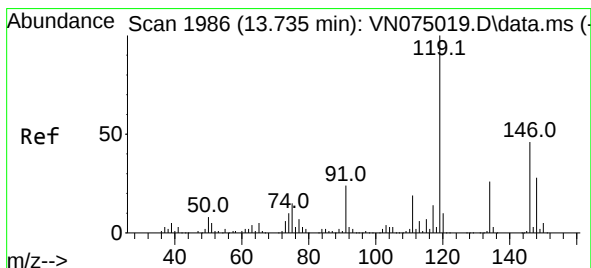
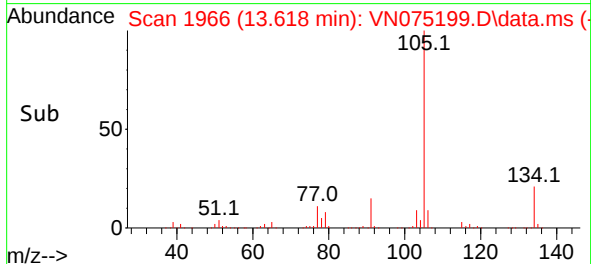
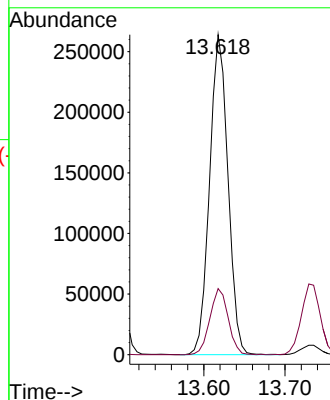
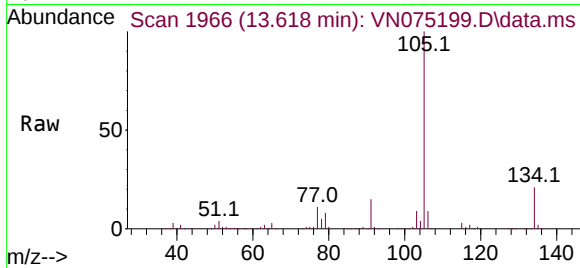




#85
 sec-Butylbenzene
 Concen: 49.294 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

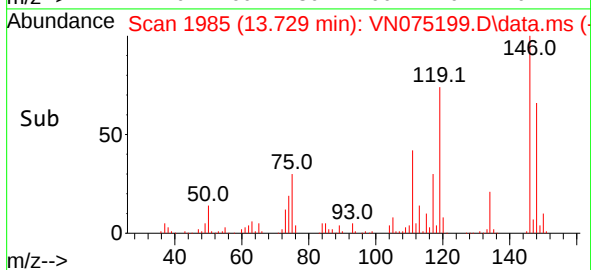
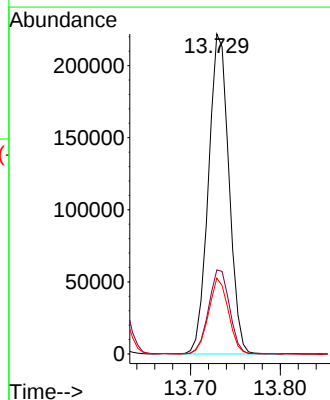
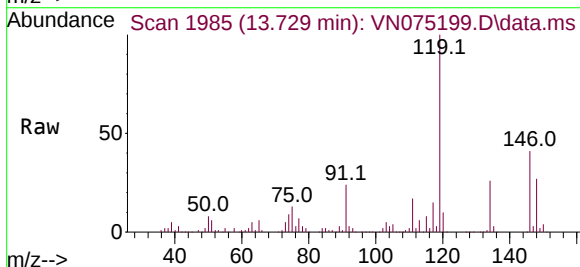
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

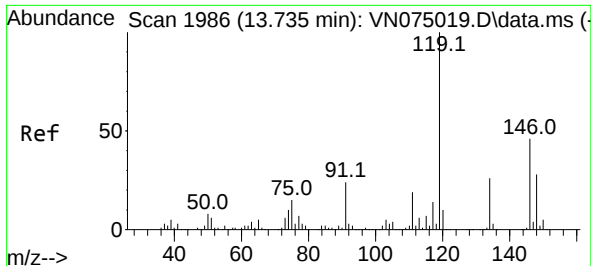
Tgt Ion:105 Resp: 414367
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.639 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075199.D
 Acq: 07 Nov 2022 19:47

Tgt Ion:119 Resp: 351551
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.179 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

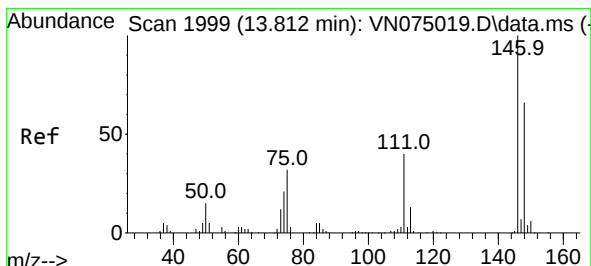
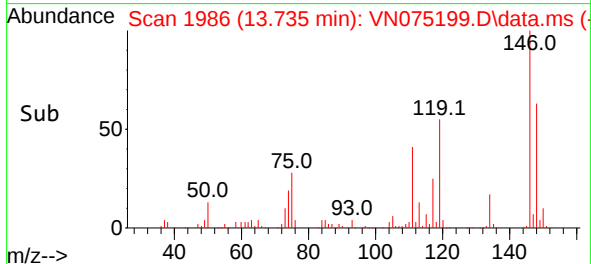
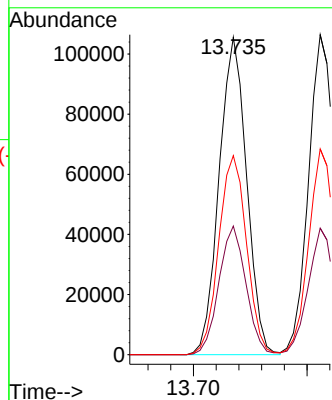
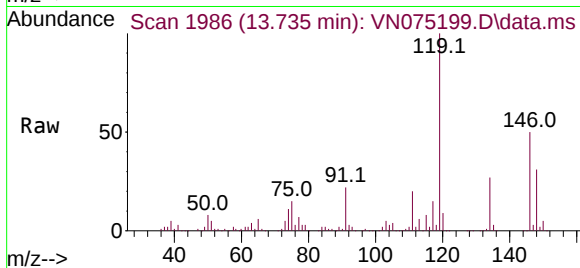
Tgt Ion:146 Resp: 177649

Ion Ratio Lower Upper

146 100

111 39.8 20.8 62.5

148 63.5 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 50.940 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

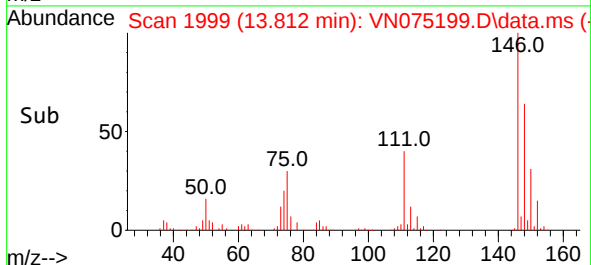
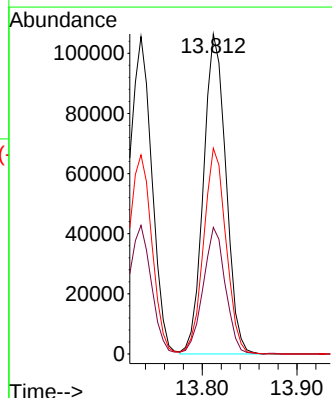
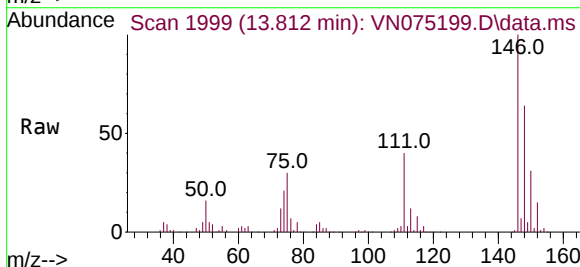
Tgt Ion:146 Resp: 174993

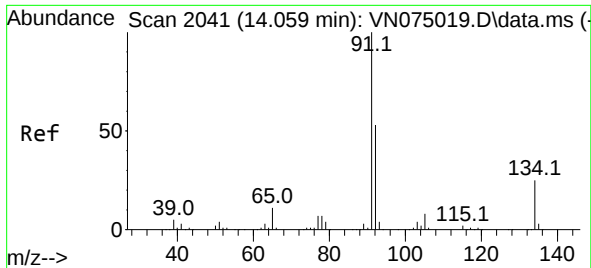
Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.3

148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 50.503 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

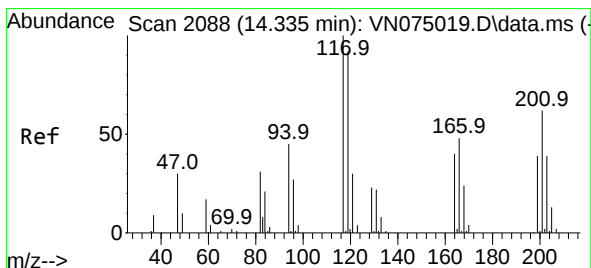
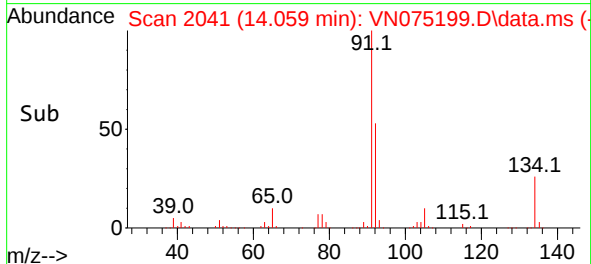
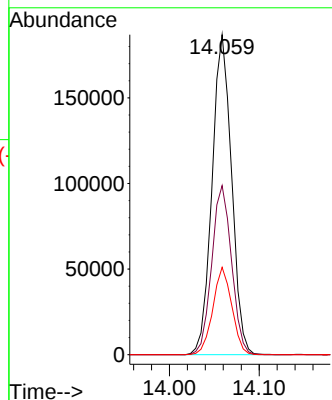
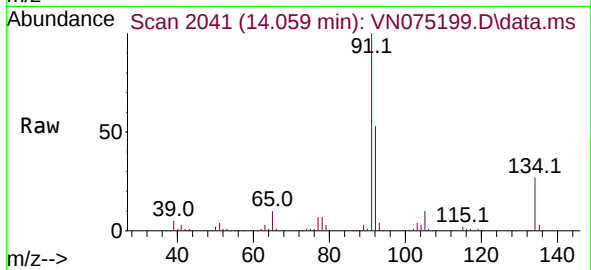
Tgt Ion: 91 Resp: 282336

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

134 26.5 13.0 39.0



#90

Hexachloroethane

Concen: 49.762 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075199.D

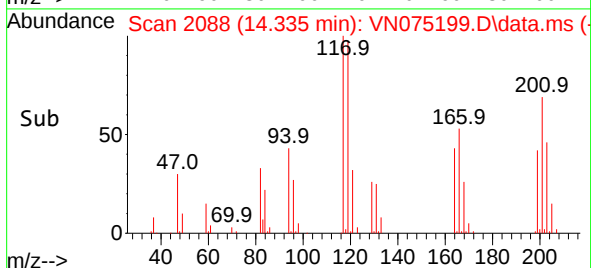
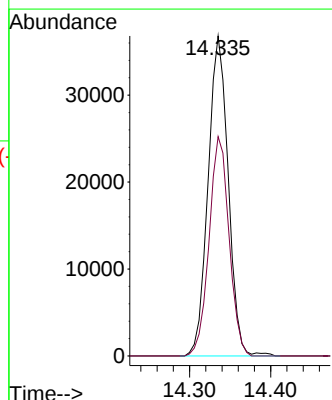
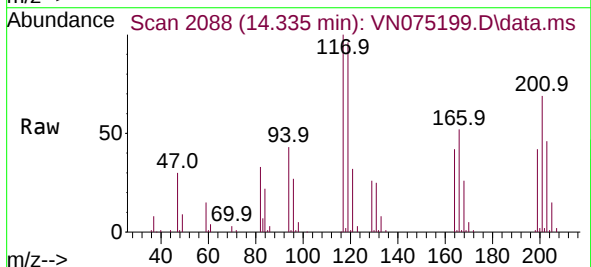
Acq: 07 Nov 2022 19:47

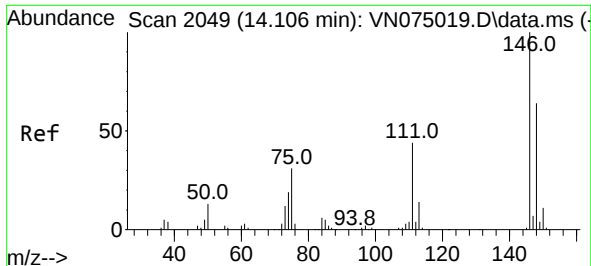
Tgt Ion: 117 Resp: 63340

Ion Ratio Lower Upper

117 100

201 67.9 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 51.108 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

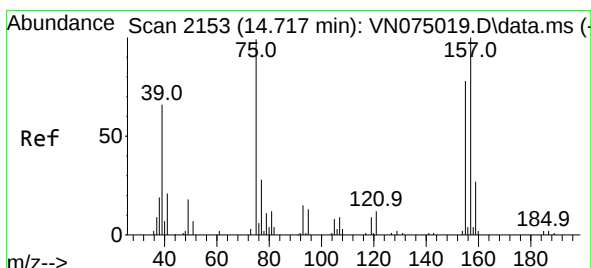
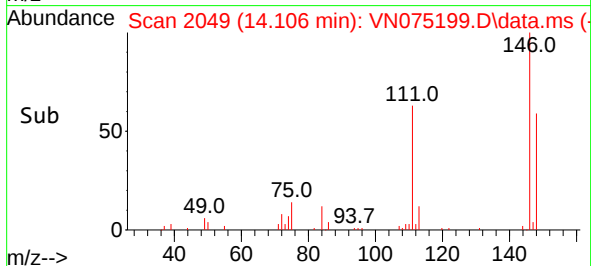
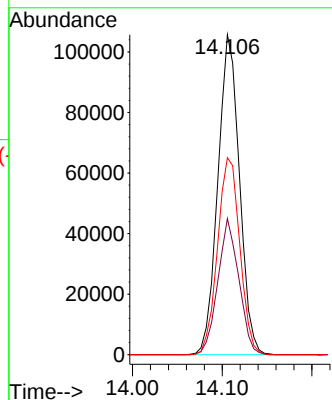
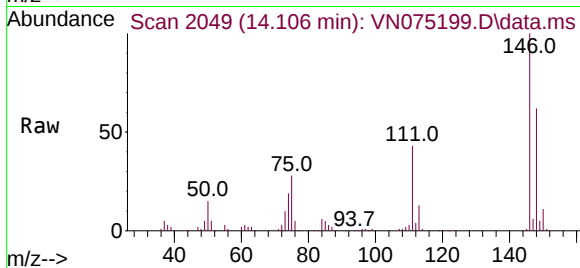
Tgt Ion:146 Resp: 176365

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.9

148 63.5 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.533 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

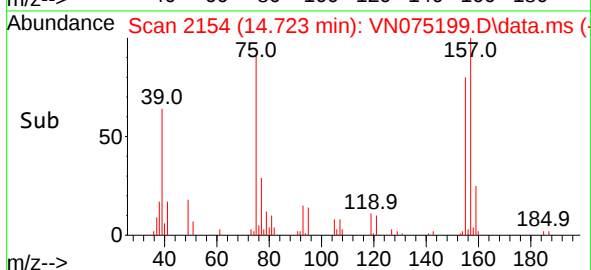
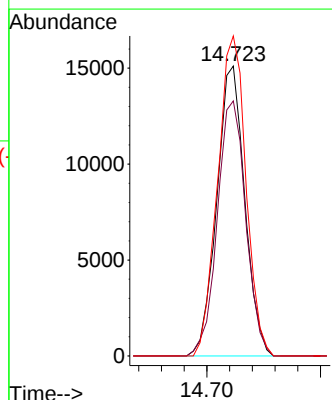
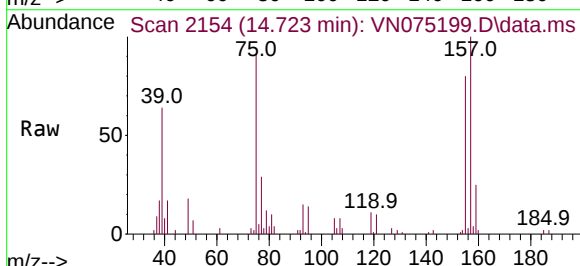
Tgt Ion: 75 Resp: 25815

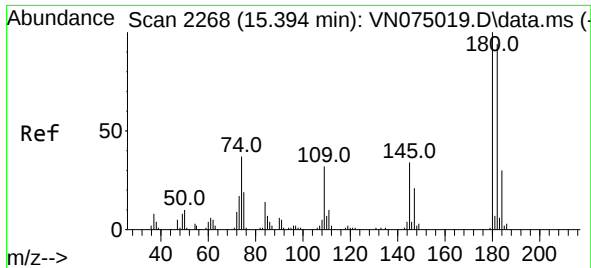
Ion Ratio Lower Upper

75 100

155 89.3 42.1 126.3

157 111.8 51.7 155.1

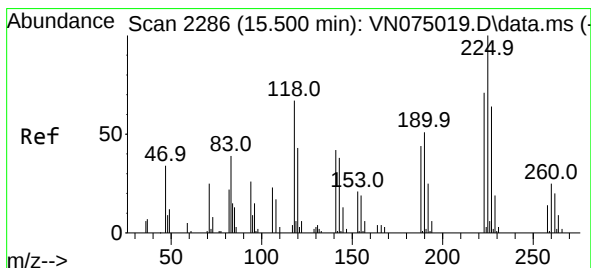
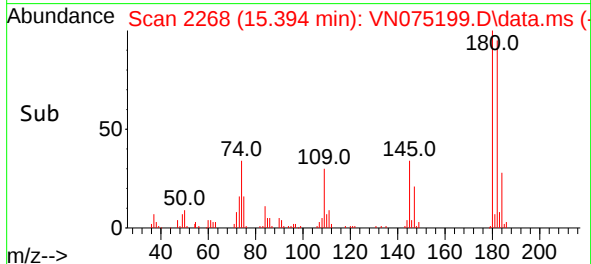
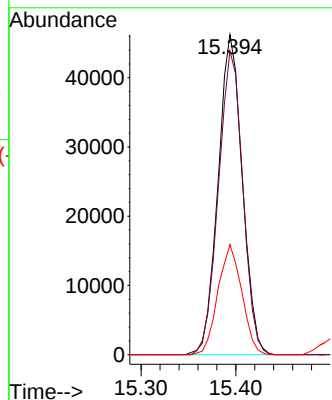
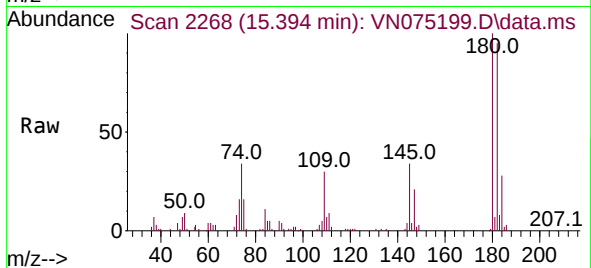




#93
1,2,4-Trichlorobenzene
Concen: 55.278 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

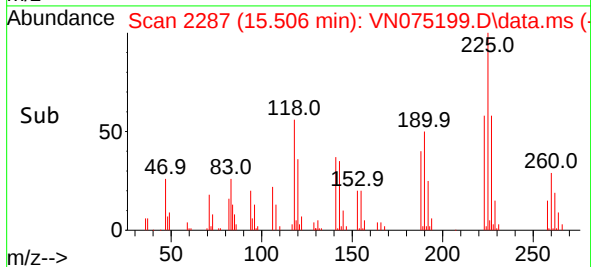
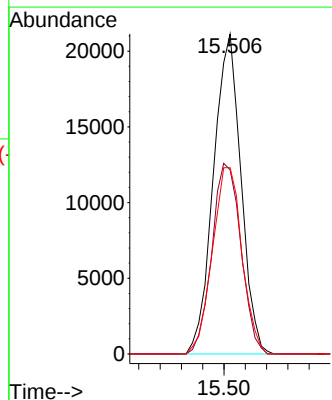
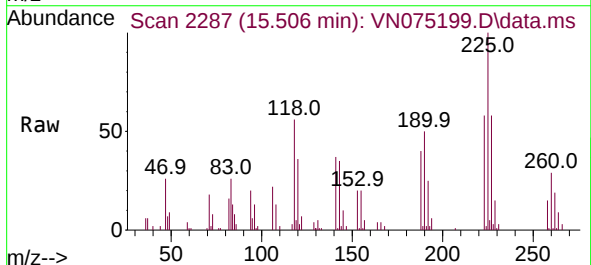
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

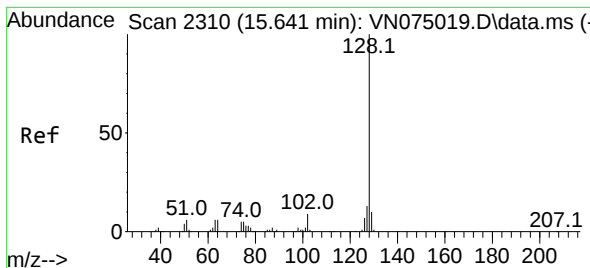
Tgt Ion:180 Resp: 82084
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 33.9 16.8 50.3



#94
Hexachlorobutadiene
Concen: 52.291 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075199.D
Acq: 07 Nov 2022 19:47

Tgt Ion:225 Resp: 37854
Ion Ratio Lower Upper
225 100
223 62.7 32.3 96.9
227 62.5 32.0 96.2





#95

Naphthalene

Concen: 52.542 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

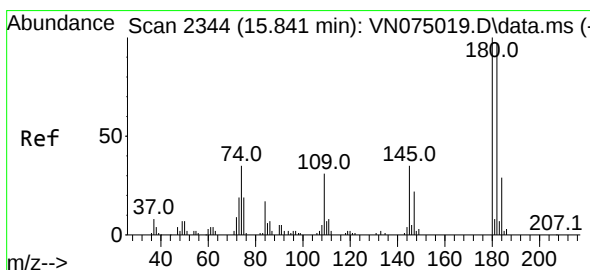
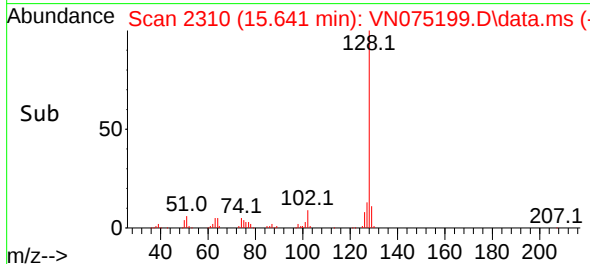
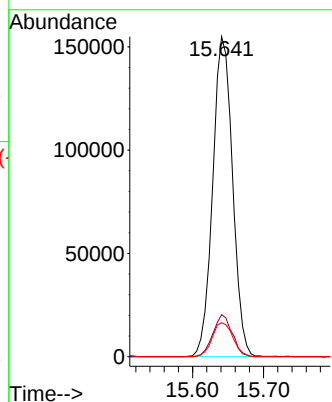
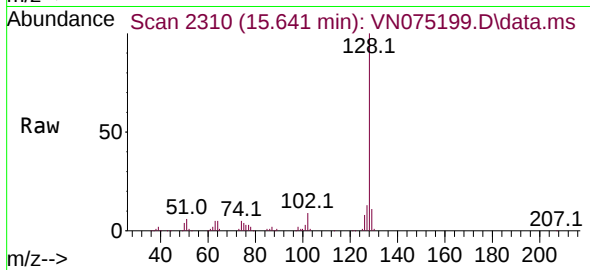
Tgt Ion:128 Resp: 300041

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.617 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075199.D

Acq: 07 Nov 2022 19:47

Tgt Ion:180 Resp: 82059

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.8

145 34.3 17.6 52.9

