

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074935.D
 Acq On : 19 Oct 2022 16:56
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Oct 20 05:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	271832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	525583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	468287	72.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 145.160%#	
35) Dibromofluoromethane	8.177	113	381532	74.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 148.420%#	
50) Toluene-d8	10.571	98	1620322	77.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 155.380%#	
62) 4-Bromofluorobenzene	12.847	95	472115	82.867	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 165.740%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	309135	65.734	ug/l	99
3) Chloromethane	2.383	50	417253	58.737	ug/l	99
4) Vinyl Chloride	2.536	62	704836	62.397	ug/l	95
5) Bromomethane	2.930	94	851263	74.653	ug/l	100
6) Chloroethane	3.107	64	597684	53.494	ug/l	97
7) Trichlorofluoromethane	3.501	101	470608	63.422	ug/l	100
8) Diethyl Ether	3.977	74	221310	65.062	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	297336	63.998	ug/l	100
10) Methyl Iodide	4.601	142	434964	70.236	ug/l	98
11) Tert butyl alcohol	5.553	59	528272	347.407	ug/l	98
12) 1,1-Dichloroethene	4.359	96	284073	66.868	ug/l	86
13) Acrolein	4.201	56	363353	326.347	ug/l	98
14) Allyl chloride	5.042	41	563504	68.090	ug/l	98
15) Acrylonitrile	5.742	53	1363150	359.367	ug/l	100
16) Acetone	4.453	43	1089639	332.252	ug/l	97
17) Carbon Disulfide	4.724	76	648085	65.640	ug/l	97
18) Methyl Acetate	5.048	43	771018	66.290	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	1215583	73.286	ug/l	100
20) Methylene Chloride	5.295	84	362751	55.687	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	323361	68.307	ug/l	91
22) Diisopropyl ether	6.689	45	1327757	73.895	ug/l	99
23) Vinyl Acetate	6.624	43	5064029	372.385	ug/l	99
24) 1,1-Dichloroethane	6.583	63	695481	69.897	ug/l	98
25) 2-Butanone	7.494	43	1951902	366.471	ug/l	98
26) 2,2-Dichloropropane	7.500	77	590926	71.403	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	423853	67.787	ug/l	96
28) Bromochloromethane	7.824	49	368127	83.271	ug/l	98
29) Tetrahydrofuran	7.853	42	1282866	373.675	ug/l	99
30) Chloroform	7.977	83	710982	71.437	ug/l	96
31) Cyclohexane	8.259	56	559503	67.679	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	599884	71.195	ug/l	99
36) 1,1-Dichloropropene	8.377	75	489403	69.740	ug/l	99
37) Ethyl Acetate	7.571	43	737149	71.057	ug/l	98
38) Carbon Tetrachloride	8.371	117	487704	70.882	ug/l	99
39) Methylcyclohexane	9.606	83	611629	75.004	ug/l	99
40) Benzene	8.612	78	1586198	70.259	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	390598	71.746	ug/l	97
42) 1,2-Dichloroethane	8.677	62	531727	68.927	ug/l	99
43) Isopropyl Acetate	8.694	43	1169886	74.660	ug/l	100
44) Trichloroethene	9.359	130	364228	69.550	ug/l	90
45) 1,2-Dichloropropane	9.624	63	428580	69.088	ug/l	97
46) Dibromomethane	9.712	93	291631	72.238	ug/l	94
47) Bromodichloromethane	9.894	83	569364	74.801	ug/l	92
48) Methyl methacrylate	9.688	41	514772	75.131	ug/l	100
49) 1,4-Dioxane	9.700	88	226254	1482.198	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	4119746	391.908	ug/l	99
52) Toluene	10.635	92	1018029	72.029	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	649970	80.129	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	674163	75.328	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	419184	71.457	ug/l	98
56) Ethyl methacrylate	10.877	69	719962	79.414	ug/l	100
57) 1,3-Dichloropropane	11.165	76	733561	71.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1613943	422.465	ug/l	100
59) 2-Hexanone	11.200	43	3074025	397.455	ug/l	99
60) Dibromochloromethane	11.365	129	438566	76.373	ug/l	96
61) 1,2-Dibromoethane	11.471	107	422178	72.857	ug/l	98
64) Tetrachloroethene	11.106	164	296847	67.729	ug/l	96
65) Chlorobenzene	11.894	112	1094952	71.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	409929	71.204	ug/l	96
67) Ethyl Benzene	11.965	91	2025146	77.007	ug/l	99
68) m/p-Xylenes	12.071	106	1591903	157.117	ug/l	99
69) o-Xylene	12.400	106	797720	76.615	ug/l	97
70) Styrene	12.412	104	1351506	86.383	ug/l	99
71) Bromoform	12.576	173	330998	83.971	ug/l #	98
73) Isopropylbenzene	12.700	105	2106093	71.302	ug/l	99
74) N-amyl acetate	12.494	43	1082271	73.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	714453	63.013	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	904817	111.809	ug/l	60
77) Bromobenzene	12.982	156	457646	70.876	ug/l	98
78) n-propylbenzene	13.035	91	2463325	74.630	ug/l	99
79) 2-Chlorotoluene	13.129	91	1312557	68.674	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1700213	72.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	286960	90.725	ug/l	85
82) 4-Chlorotoluene	13.129	91	1312557	68.674	ug/l	98
83) tert-Butylbenzene	13.441	119	1523725	72.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1688344	74.978	ug/l	98
85) sec-Butylbenzene	13.618	105	2191451	76.616	ug/l	99
86) p-Isopropyltoluene	13.729	119	1793235	80.946	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	834912	73.485	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	804188	71.715	ug/l	99
89) n-Butylbenzene	14.059	91	1496597	81.559	ug/l	99
90) Hexachloroethane	14.335	117	325217	66.772	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	769758	70.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	118166	60.853	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	384453	72.734	ug/l	97
94) Hexachlorobutadiene	15.500	225	170054	60.489	ug/l	96
95) Naphthalene	15.641	128	1528275	74.087	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	406417	70.364	ug/l	98

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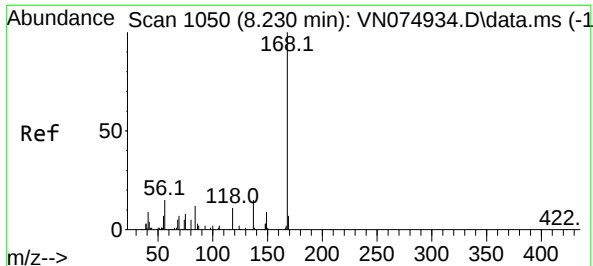
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QLast Update : Thu Oct 20 05:43:46 2022
Response via : Initial Calibration

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

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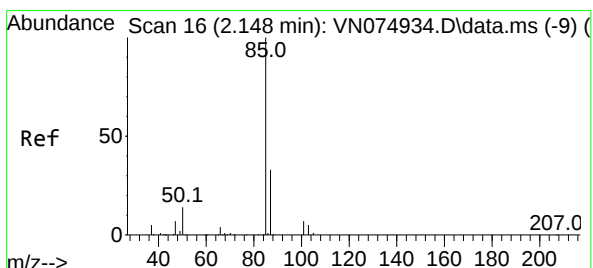
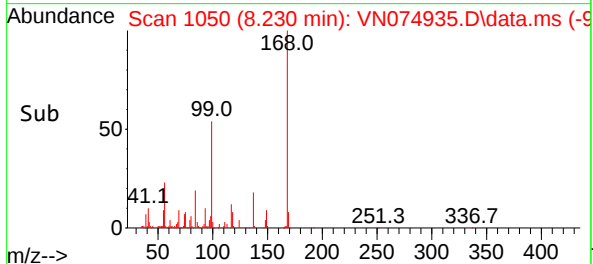
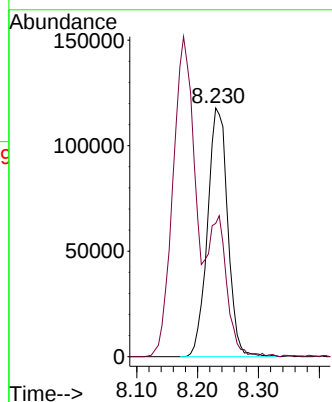
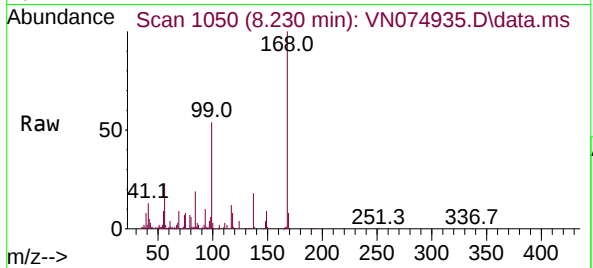




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074935.D
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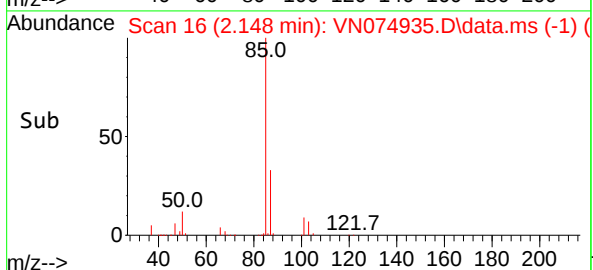
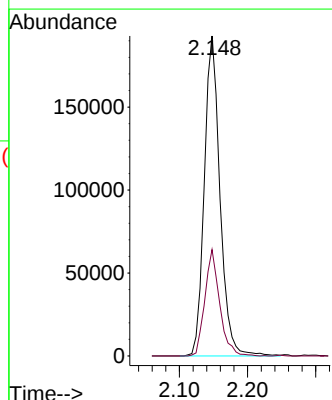
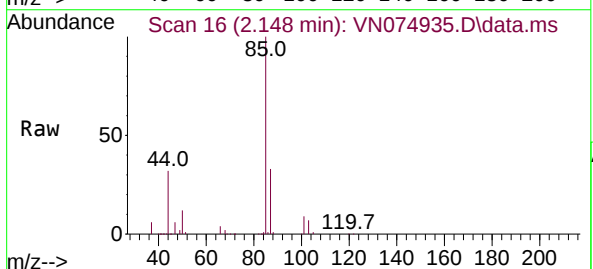
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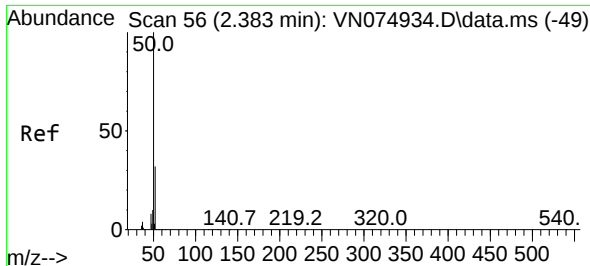
Tgt Ion:168 Resp: 271832
Ion Ratio Lower Upper
168 100
99 53.6 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 65.734 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 85 Resp: 309135
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.4

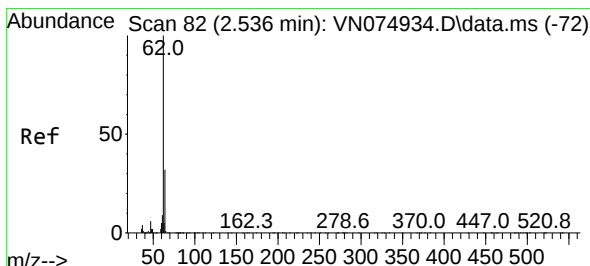
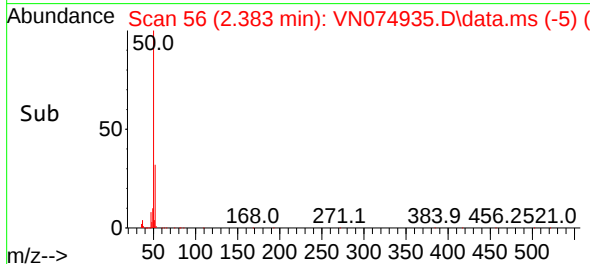
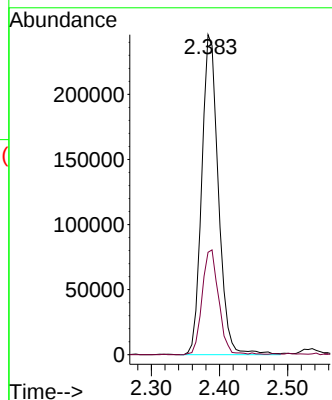
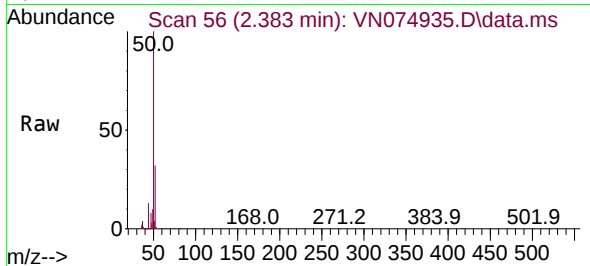




#3
Chloromethane
Concen: 58.737 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

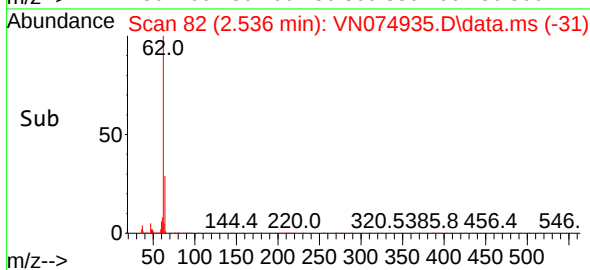
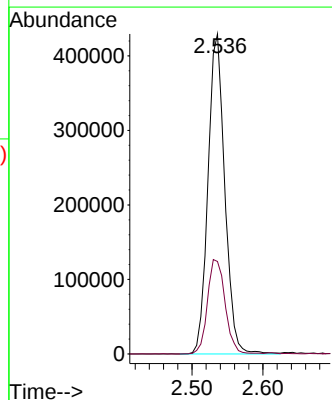
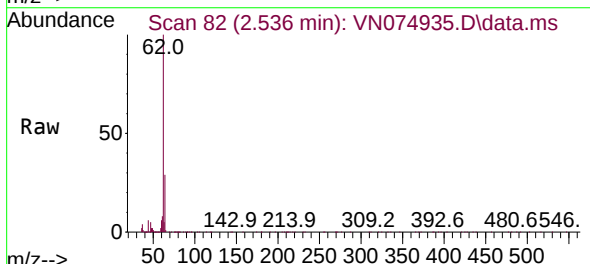
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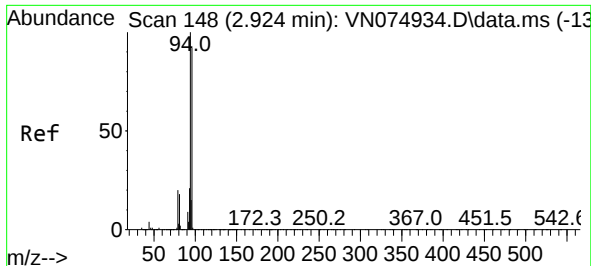
Tgt Ion: 50 Resp: 417253
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 62.397 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 62 Resp: 704836
Ion Ratio Lower Upper
62 100
64 28.9 25.4 38.2

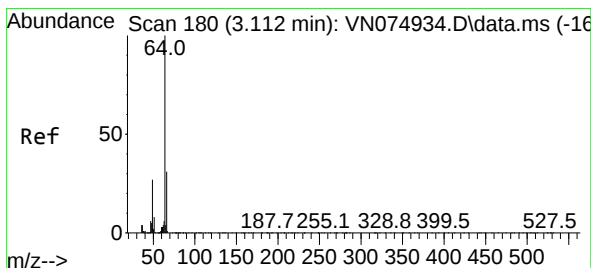
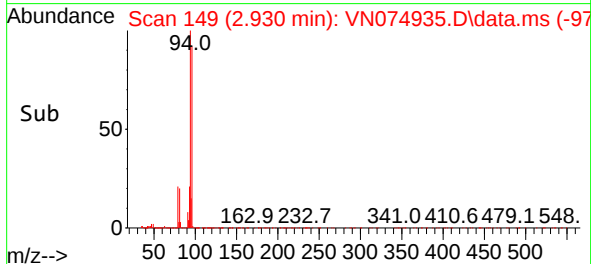
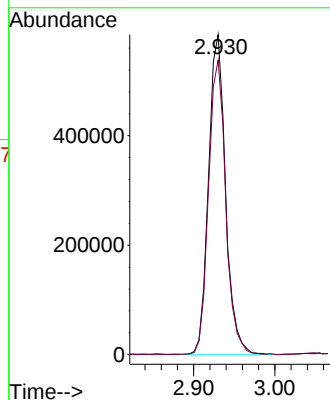
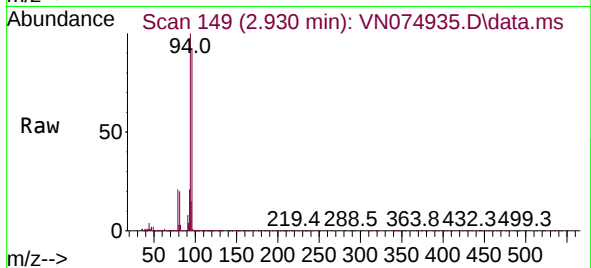




#5
Bromomethane
Concen: 74.653 ug/l
RT: 2.930 min Scan# 149
Delta R.T. 0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

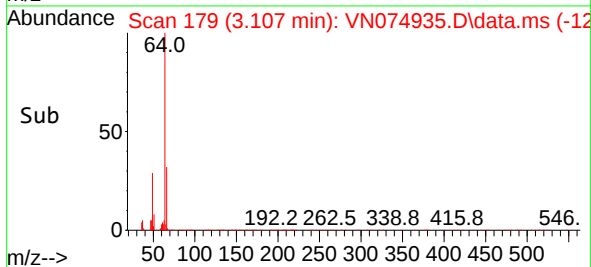
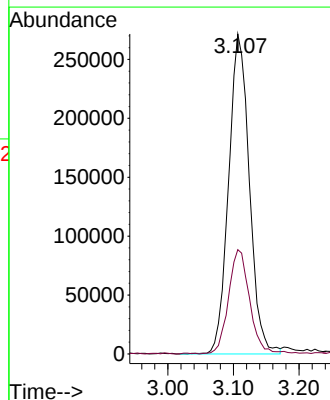
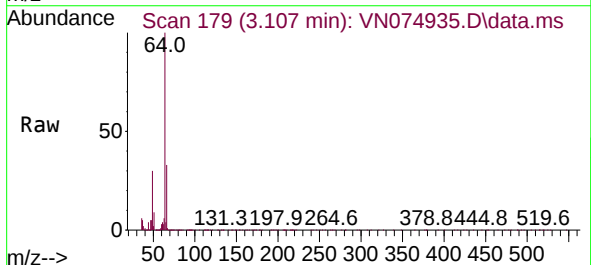
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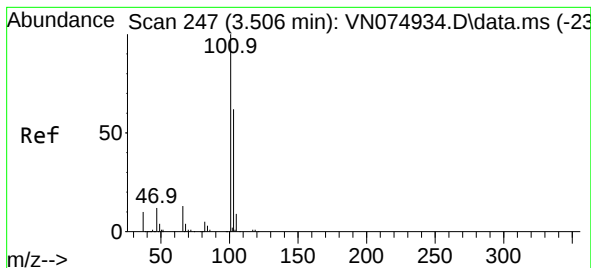
Tgt Ion: 94 Resp: 851263
Ion Ratio Lower Upper
94 100
96 92.0 73.8 110.6



#6
Chloroethane
Concen: 53.494 ug/l
RT: 3.107 min Scan# 179
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 64 Resp: 597684
Ion Ratio Lower Upper
64 100
66 32.5 24.9 37.3

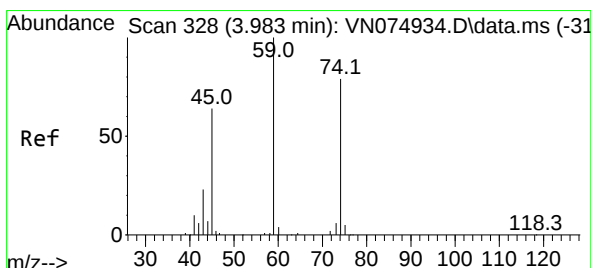
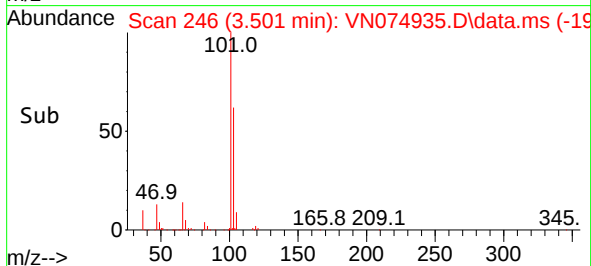
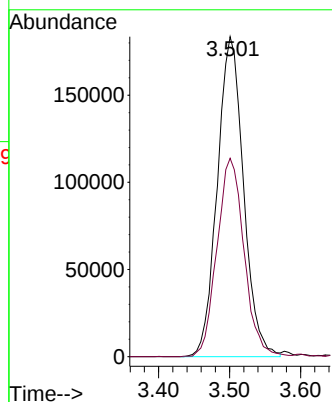
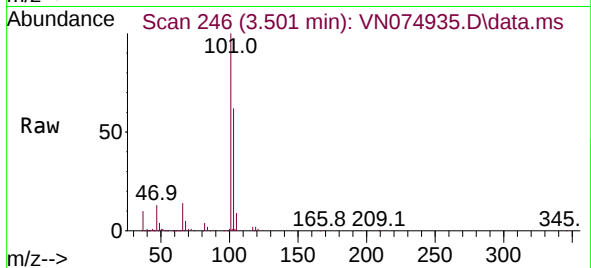




#7
 Trichlorofluoromethane
 Concen: 63.422 ug/l
 RT: 3.501 min Scan# 247
 Delta R.T. -0.006 min
 Lab File: VN074935.D
 Acq: 19 Oct 2022 16:56

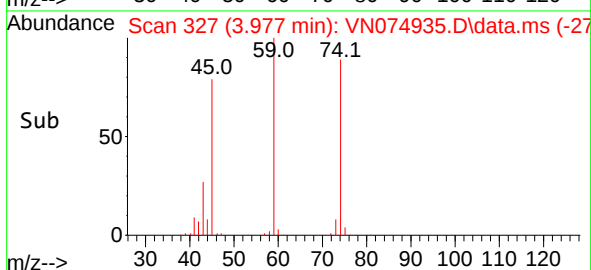
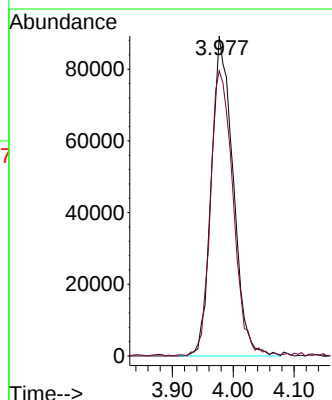
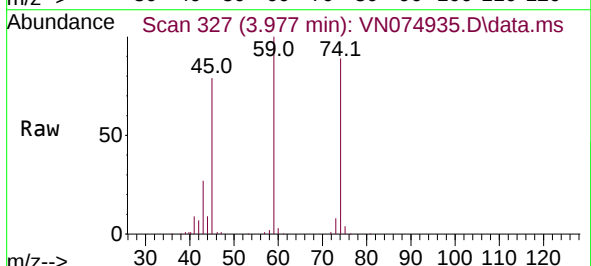
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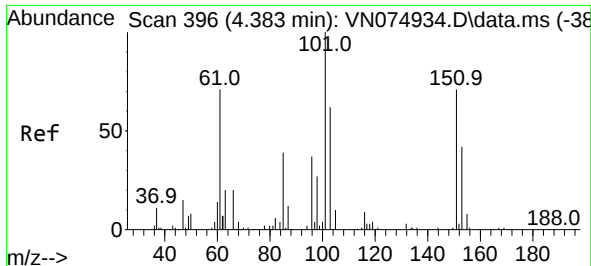
Tgt Ion:101 Resp: 470608
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.5 74.3



#8
 Diethyl Ether
 Concen: 65.062 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 221310
 Ion Ratio Lower Upper
 74 100
 45 93.2 46.8 140.3

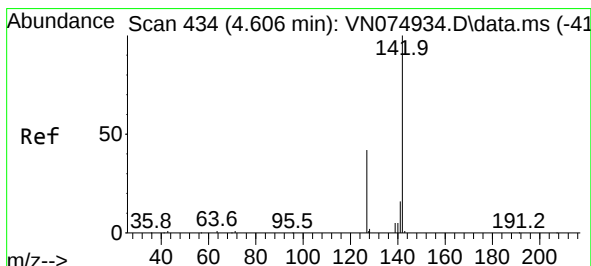
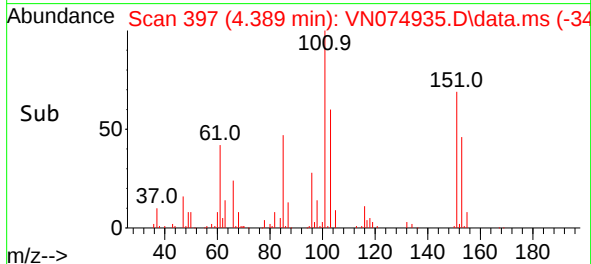
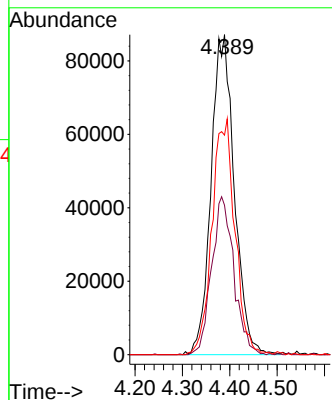
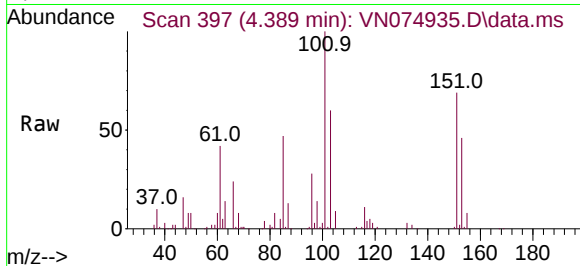




#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.998 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

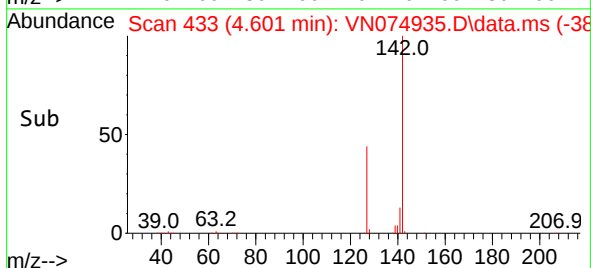
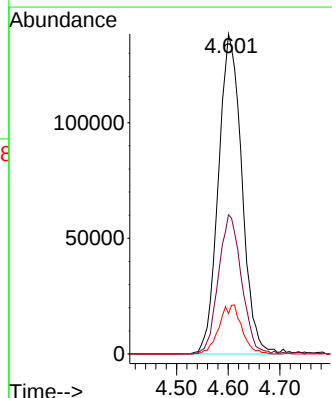
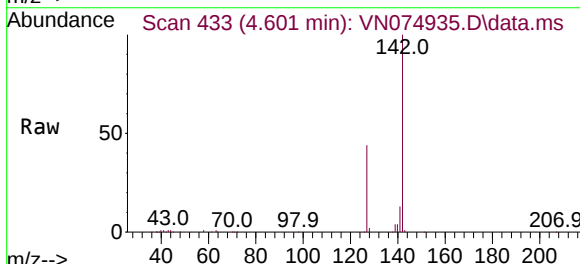
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

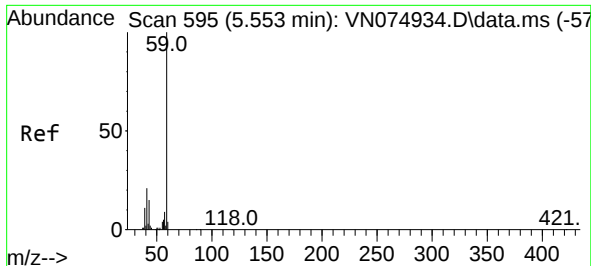
Tgt Ion:101 Resp: 297336
Ion Ratio Lower Upper
101 100
85 47.1 37.4 56.0
151 72.4 58.0 87.0



#10
Methyl Iodide
Concen: 70.236 ug/l
RT: 4.601 min Scan# 433
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion:142 Resp: 434964
Ion Ratio Lower Upper
142 100
127 43.0 35.3 52.9
141 15.0 12.3 18.5

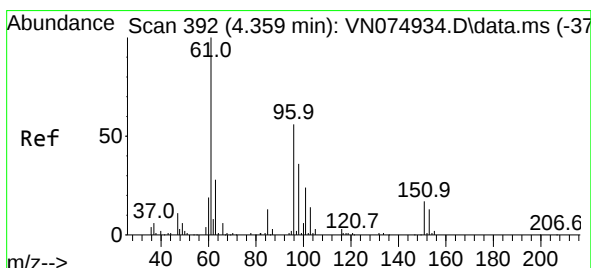
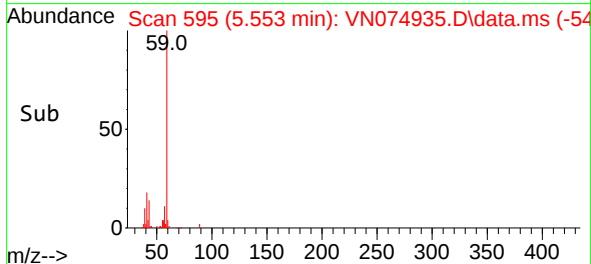
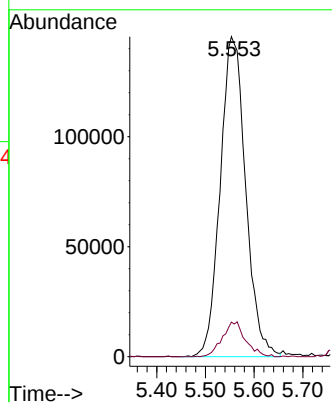
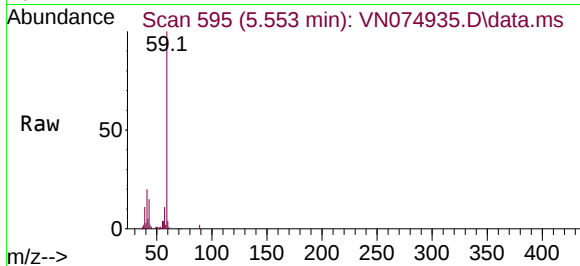




#11
Tert butyl alcohol
Concen: 347.407 ug/l
RT: 5.553 min Scan# 595
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

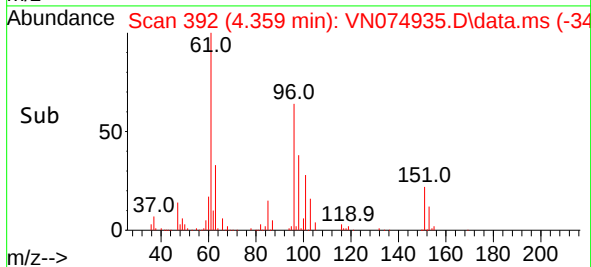
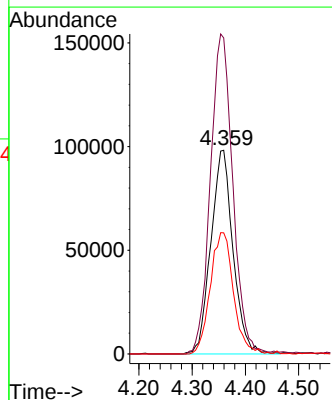
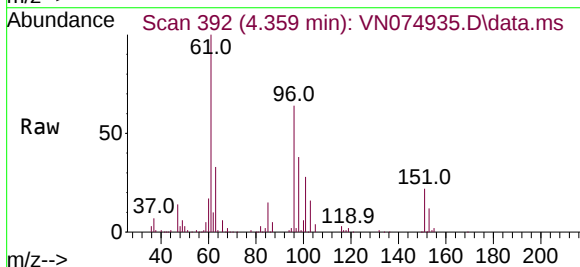
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

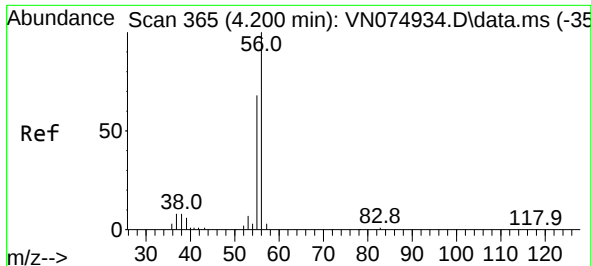
Tgt Ion: 59 Resp: 528272
Ion Ratio Lower Upper
59 100
57 10.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 66.868 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 96 Resp: 284073
Ion Ratio Lower Upper
96 100
61 155.2 142.9 214.3
98 59.5 51.8 77.6

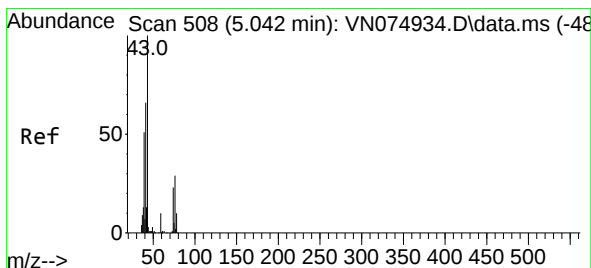
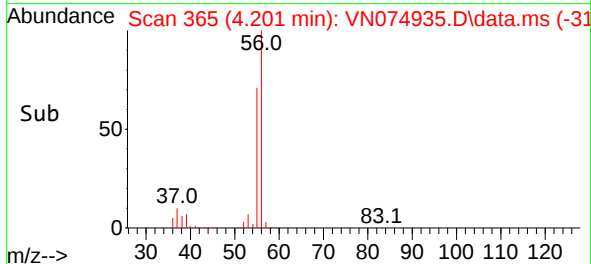
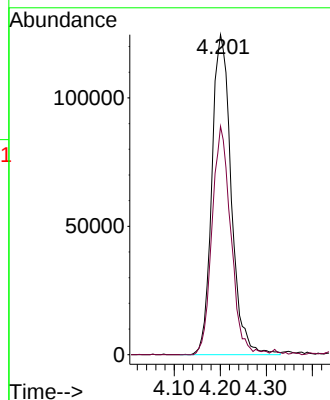
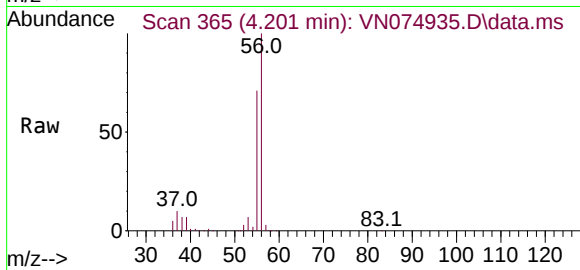




#13
Acrolein
Concen: 326.347 ug/l
RT: 4.201 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

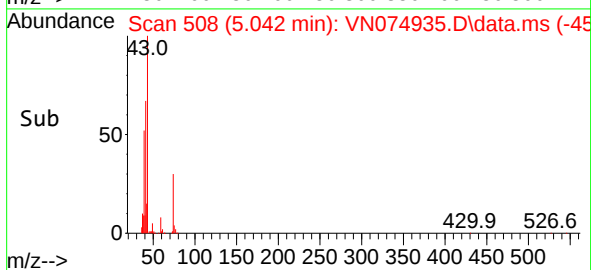
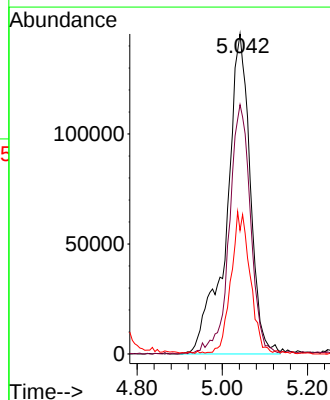
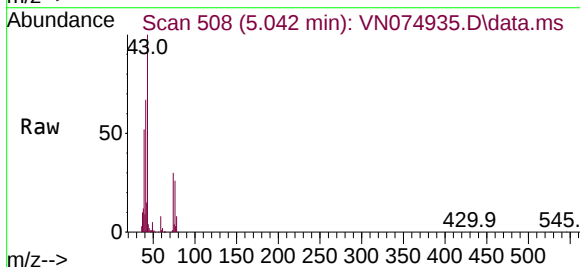
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

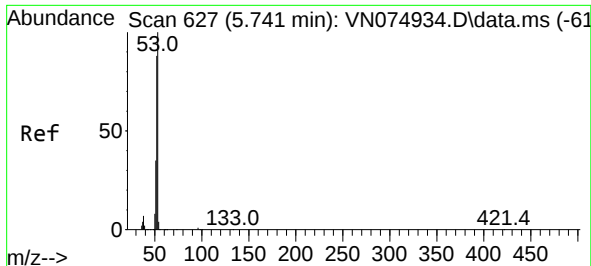
Tgt Ion: 56 Resp: 363353
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.6



#14
Allyl chloride
Concen: 68.090 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 41 Resp: 563504
Ion Ratio Lower Upper
41 100
39 69.4 56.9 85.3
76 34.7 29.0 43.6

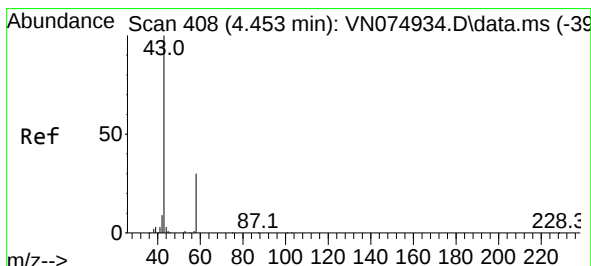
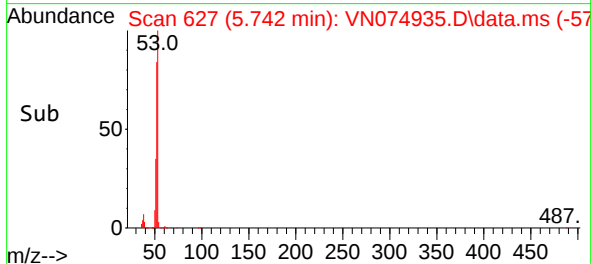
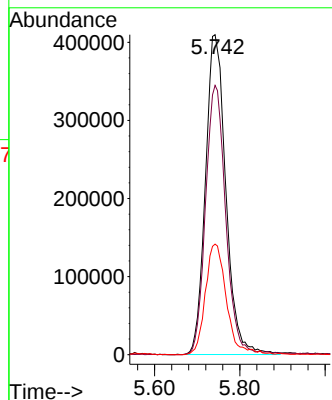
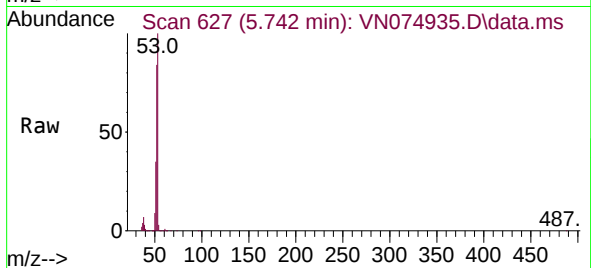




#15
Acrylonitrile
Concen: 359.367 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

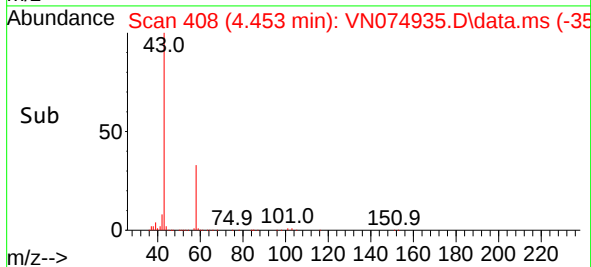
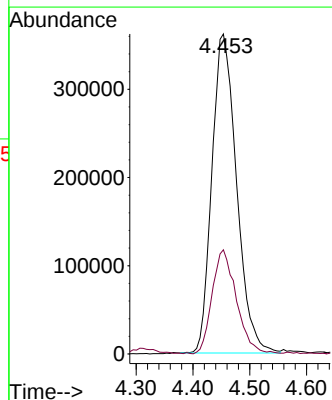
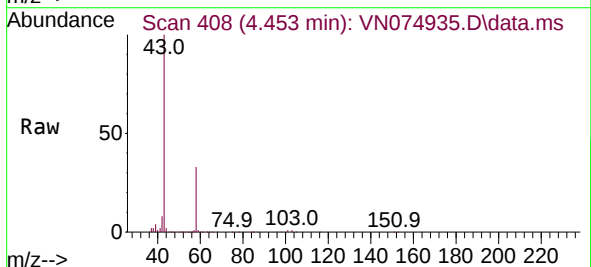
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

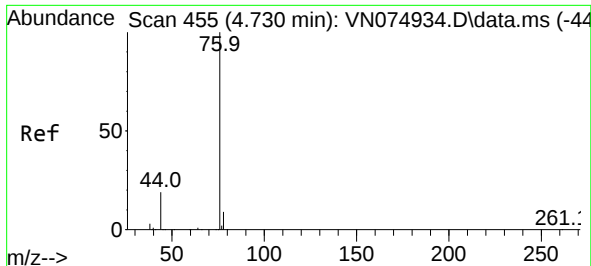
Tgt Ion: 53 Resp: 1363150
Ion Ratio Lower Upper
53 100
52 83.2 66.5 99.7
51 35.7 29.2 43.8



#16
Acetone
Concen: 332.252 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 43 Resp: 1089639
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7

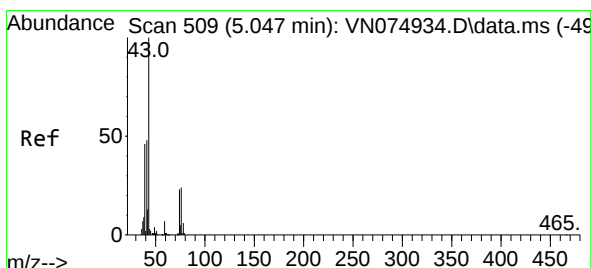
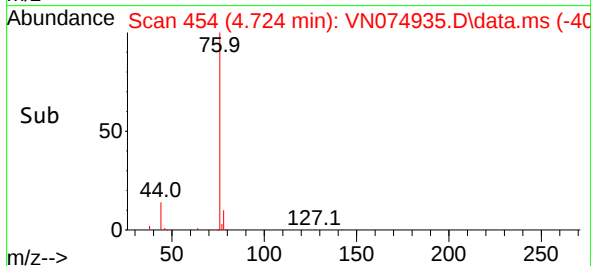
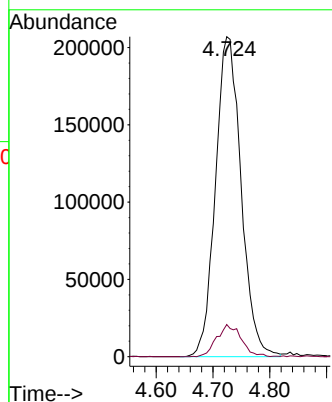
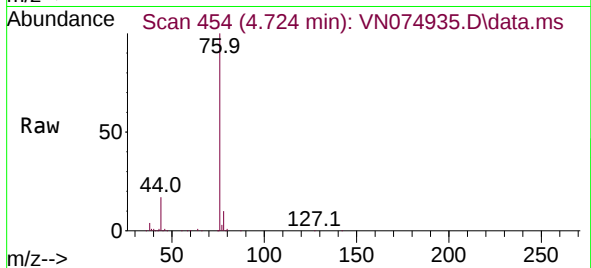




#17
Carbon Disulfide
Concen: 65.640 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

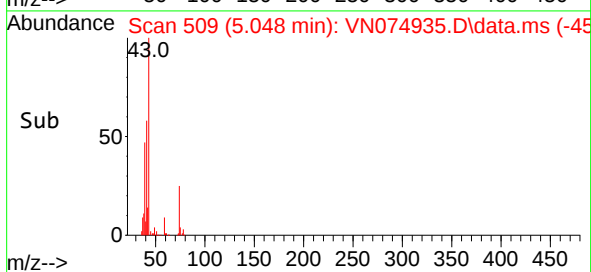
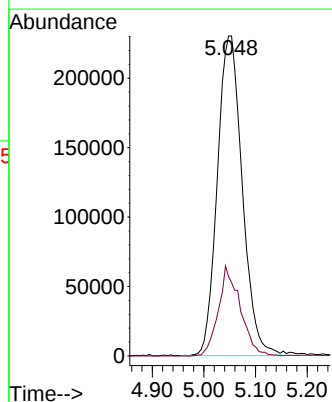
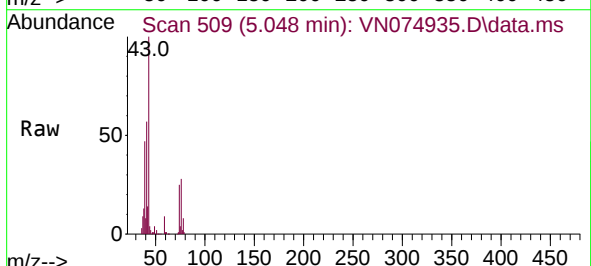
Instrument :
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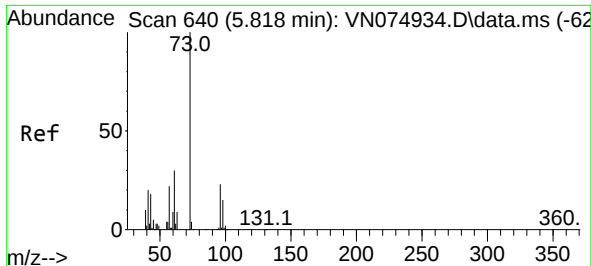
Tgt Ion: 76 Resp: 648085
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#18
Methyl Acetate
Concen: 66.290 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 43 Resp: 771018
Ion Ratio Lower Upper
43 100
74 24.8 18.4 27.6

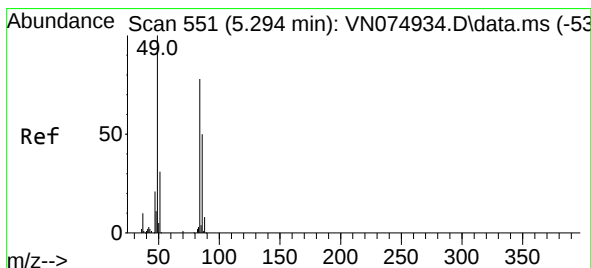
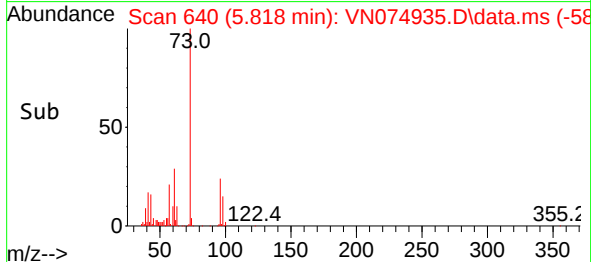
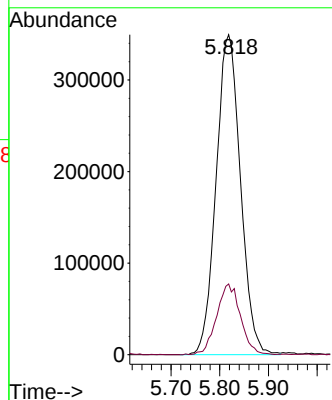
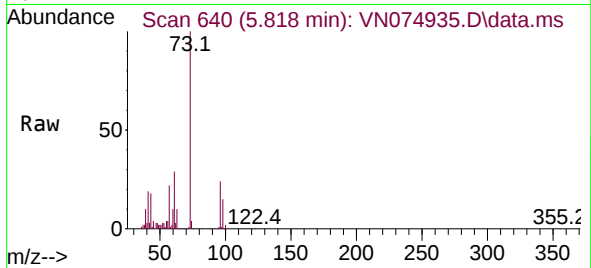




#19
Methyl tert-butyl Ether
Concen: 73.286 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

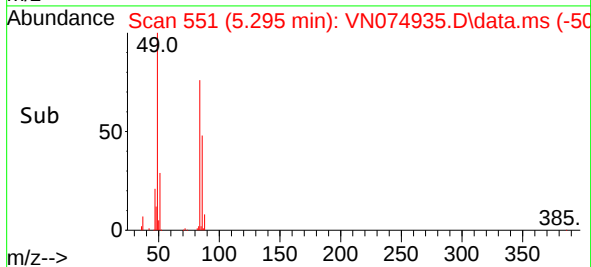
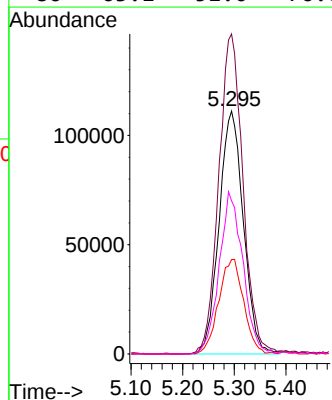
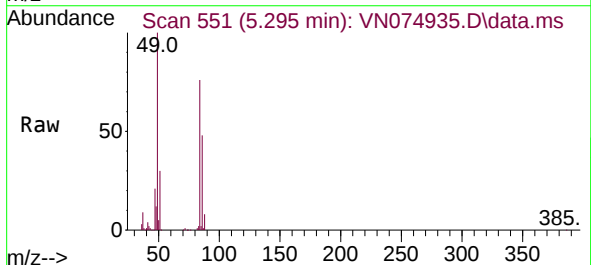
Instrument :
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ClientSampleId :
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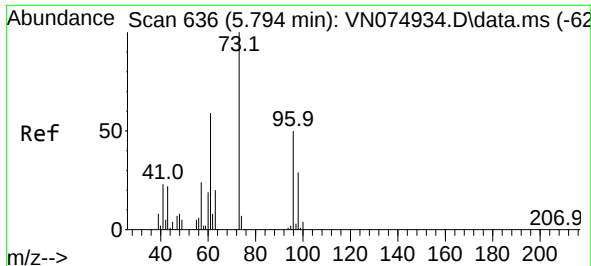
Tgt Ion: 73 Resp: 1215583
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 55.687 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 84 Resp: 362751
Ion Ratio Lower Upper
84 100
49 131.8 102.1 153.1
51 38.9 32.1 48.1
86 63.1 51.0 76.6

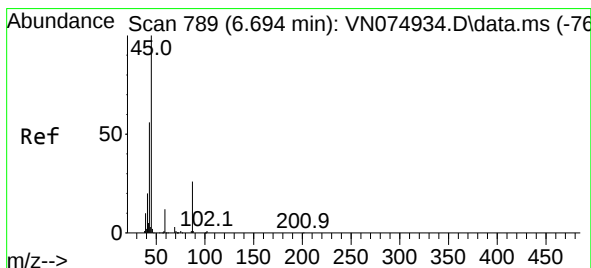
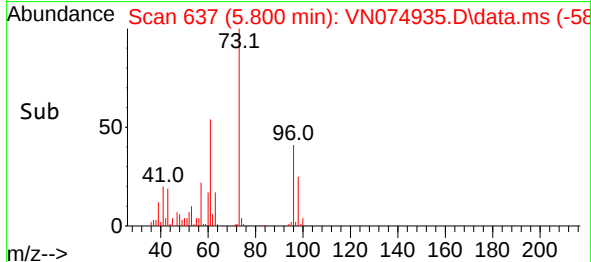
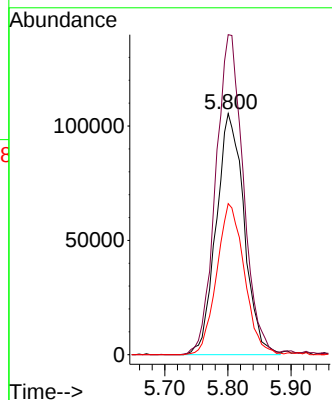
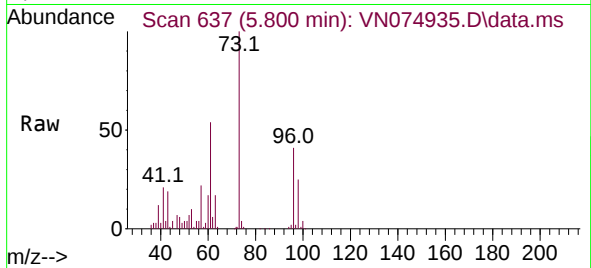




#21
trans-1,2-Dichloroethene
Concen: 68.307 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

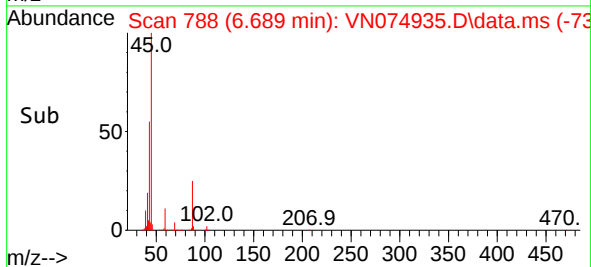
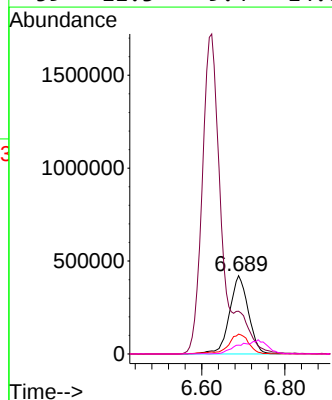
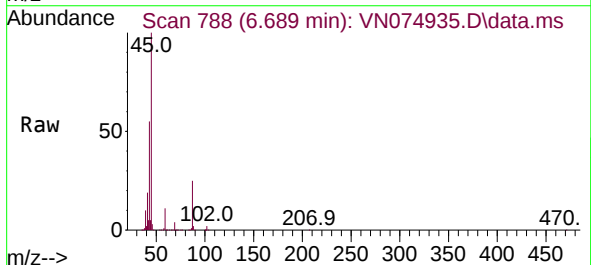
Instrument :
MSVOA_N
ClientSampleId :
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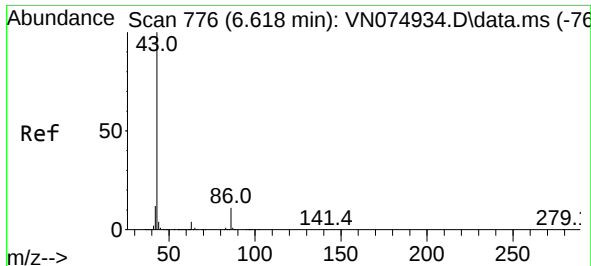
Tgt Ion: 96 Resp: 323361
Ion Ratio Lower Upper
96 100
61 132.7 95.8 143.8
98 62.6 47.4 71.0



#22
Diisopropyl ether
Concen: 73.895 ug/l
RT: 6.689 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 45 Resp: 1327757
Ion Ratio Lower Upper
45 100
43 54.6 44.5 66.7
87 25.1 20.8 31.2
59 11.3 9.4 14.0

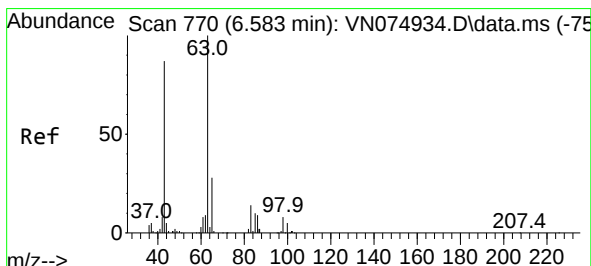
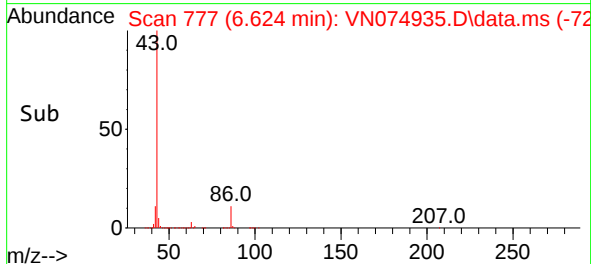
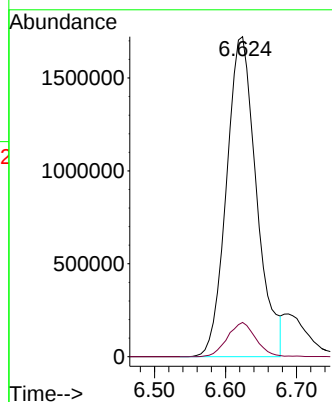
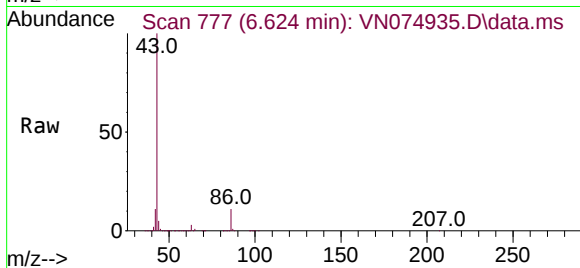




#23
 Vinyl Acetate
 Concen: 372.385 ug/l
 RT: 6.624 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN074935.D
 Acq: 19 Oct 2022 16:56

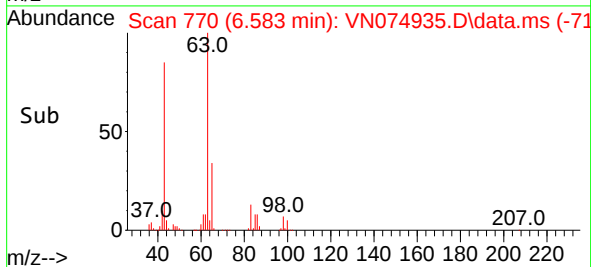
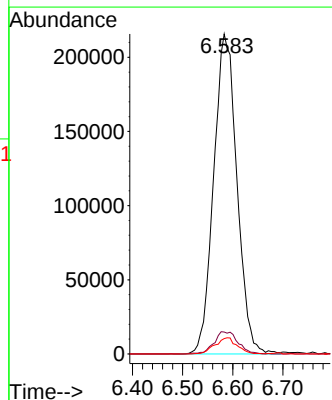
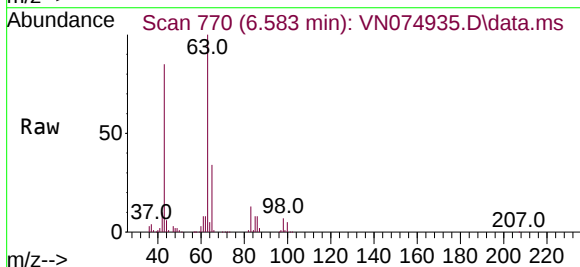
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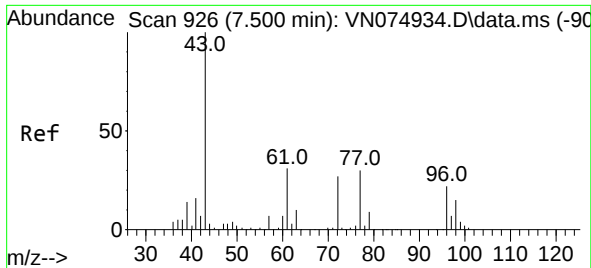
Tgt Ion: 43 Resp: 5064029
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 69.897 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074935.D
 Acq: 19 Oct 2022 16:56

Tgt Ion: 63 Resp: 695481
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.5
 100 4.8 2.6 7.8

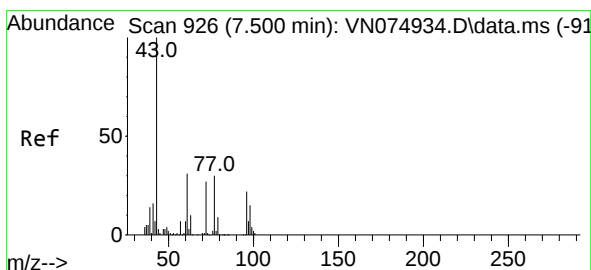
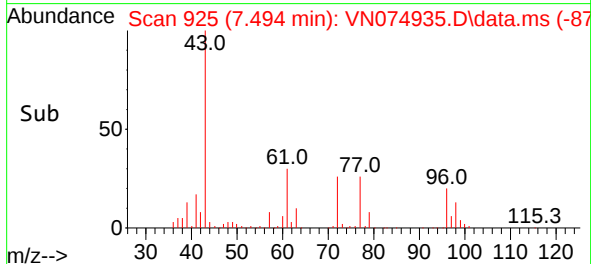
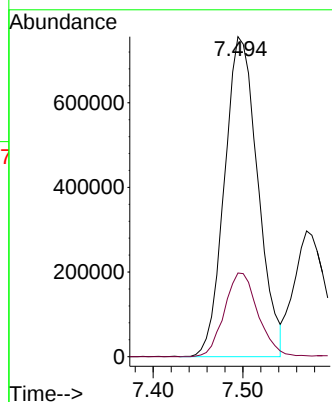
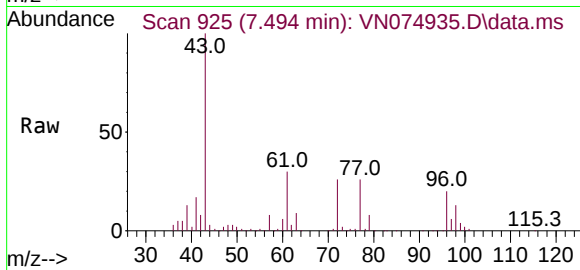




#25
2-Butanone
Concen: 366.471 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

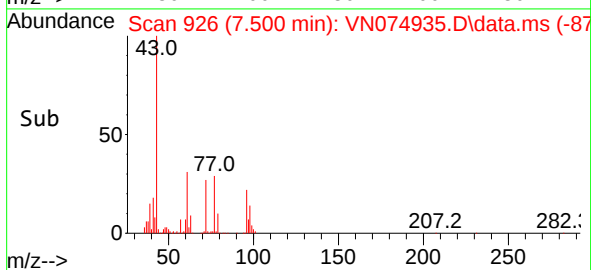
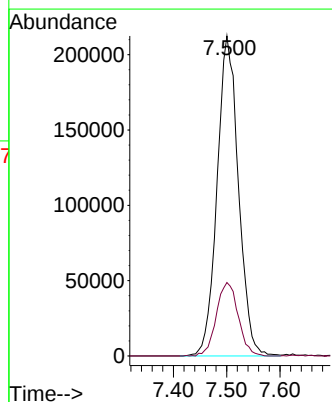
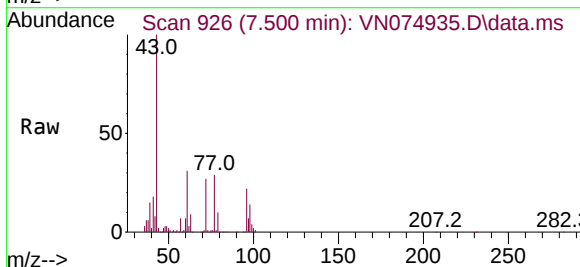
Instrument :
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ClientSampleId :
VSTDIC075

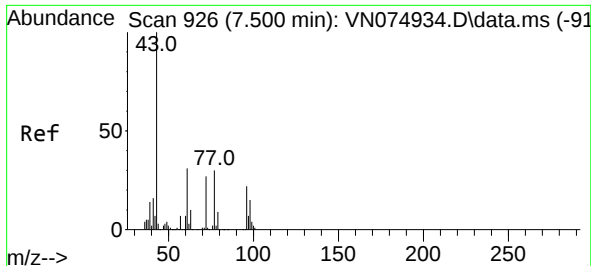
Tgt Ion: 43 Resp: 1951902
Ion Ratio Lower Upper
43 100
72 26.1 21.6 32.4



#26
2,2-Dichloropropane
Concen: 71.403 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 77 Resp: 590926
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 67.787 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

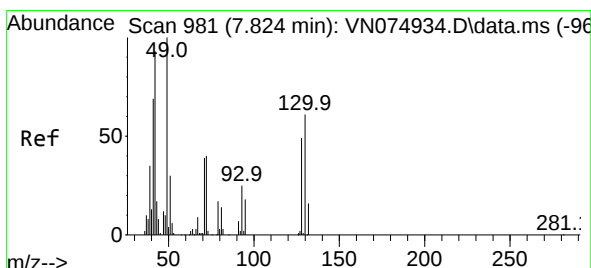
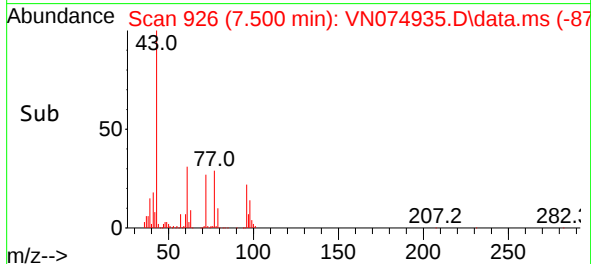
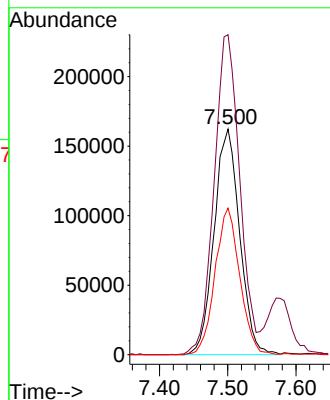
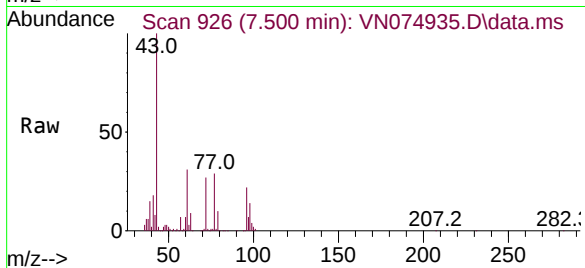
Tgt Ion: 96 Resp: 423853

Ion Ratio Lower Upper

96 100

61 142.8 0.0 274.0

98 62.9 0.0 126.8



#28

Bromochloromethane

Concen: 83.271 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

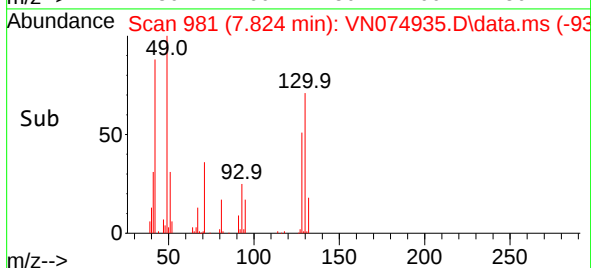
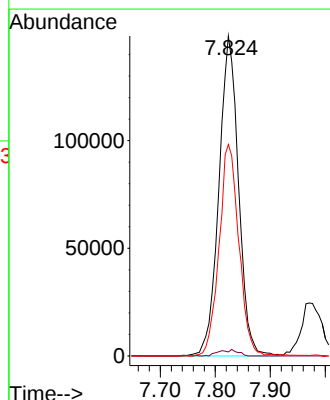
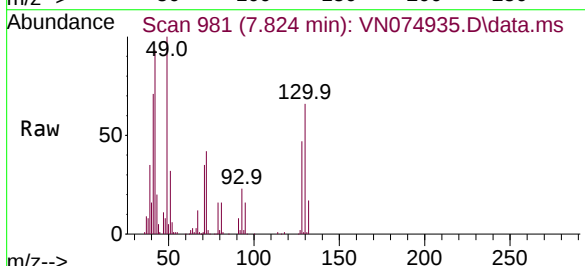
Tgt Ion: 49 Resp: 368127

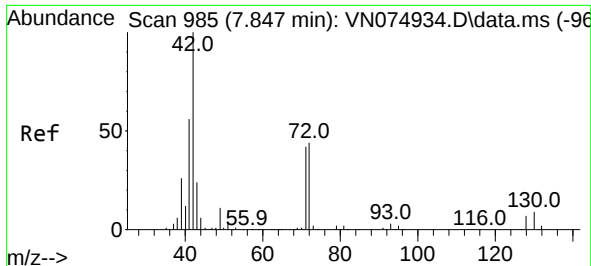
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 66.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 373.675 ug/l

RT: 7.853 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

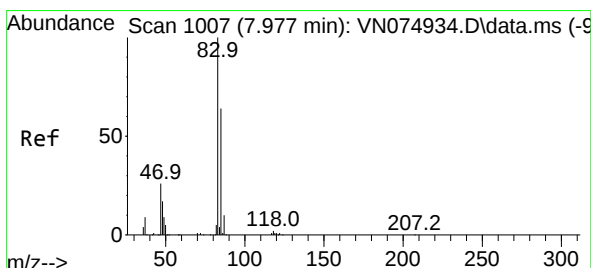
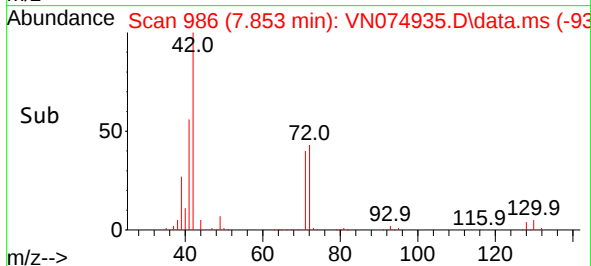
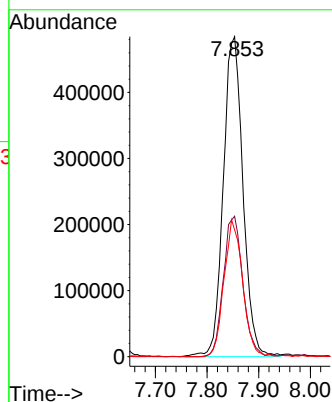
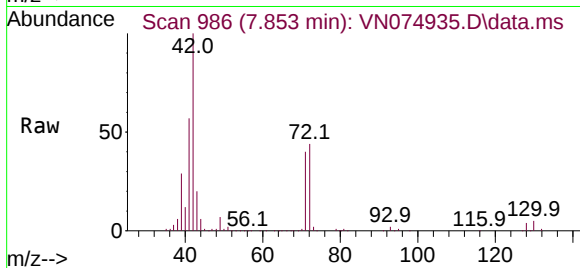
Tgt Ion: 42 Resp: 1282866

Ion Ratio Lower Upper

42 100

72 43.1 35.3 52.9

71 40.5 32.2 48.4



#30

Chloroform

Concen: 71.437 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VN074935.D

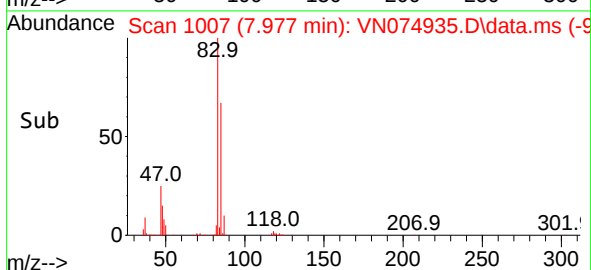
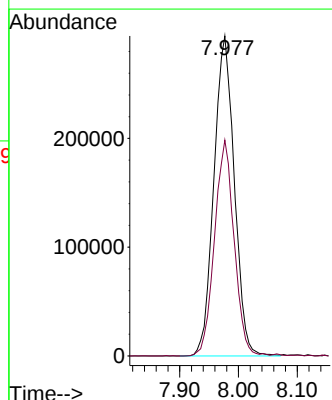
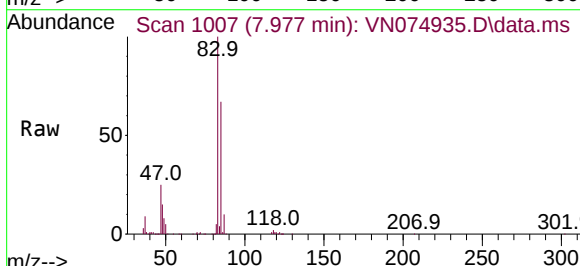
Acq: 19 Oct 2022 16:56

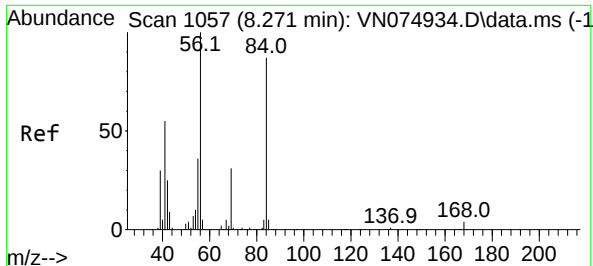
Tgt Ion: 83 Resp: 710982

Ion Ratio Lower Upper

83 100

85 67.4 51.4 77.2

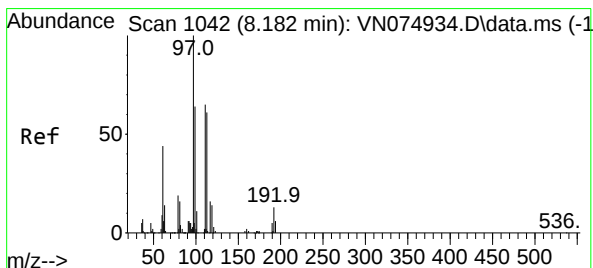
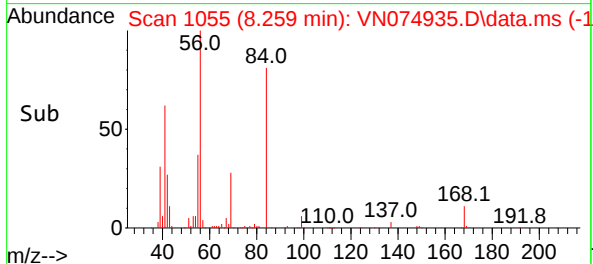
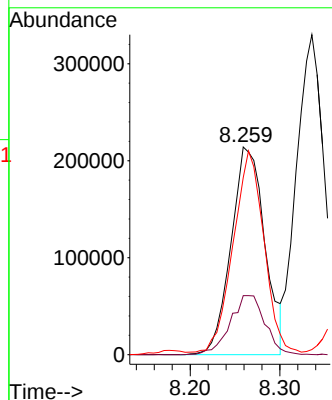
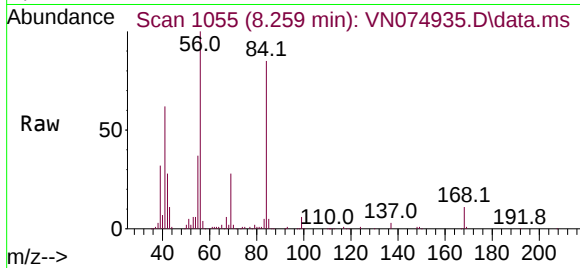




#31
Cyclohexane
Concen: 67.679 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

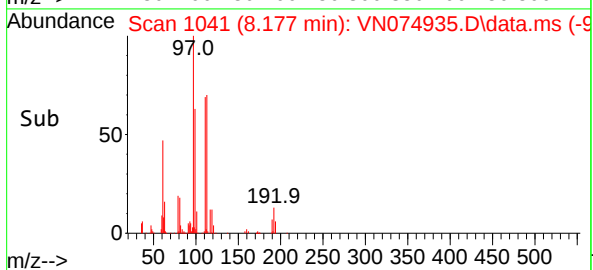
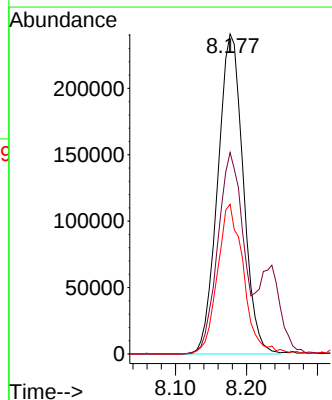
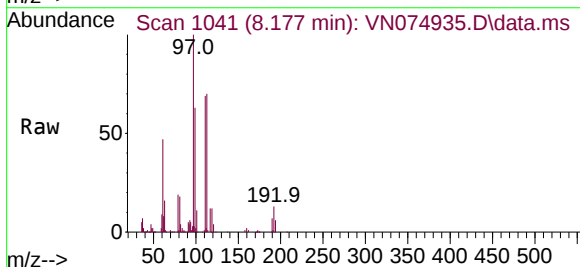
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

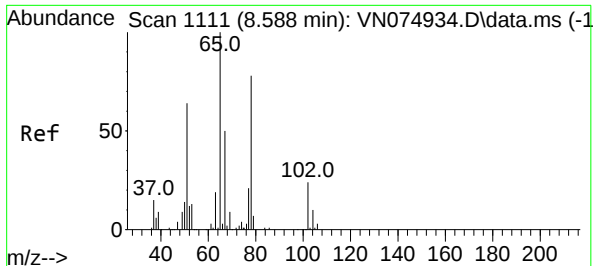
Tgt Ion: 56 Resp: 559503
Ion Ratio Lower Upper
56 100
69 28.4 24.9 37.3
84 83.6 69.8 104.8



#32
1,1,1-Trichloroethane
Concen: 71.195 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 97 Resp: 599884
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 48.2 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 72.582 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

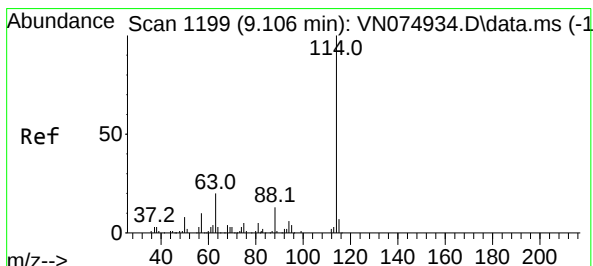
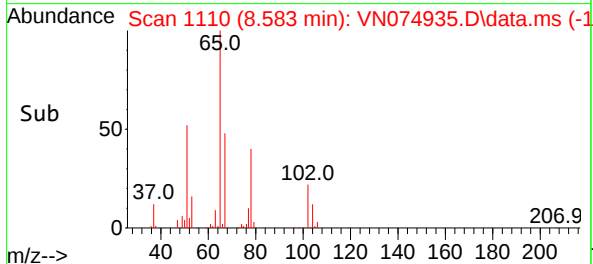
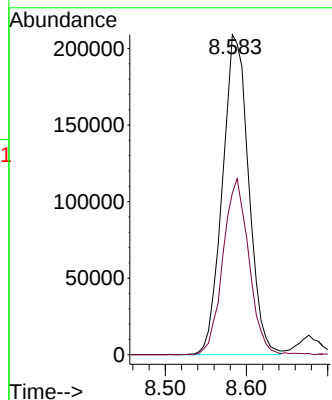
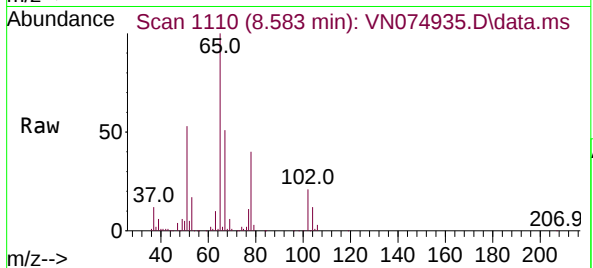
VSTDIC075

Tgt Ion: 65 Resp: 468287

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

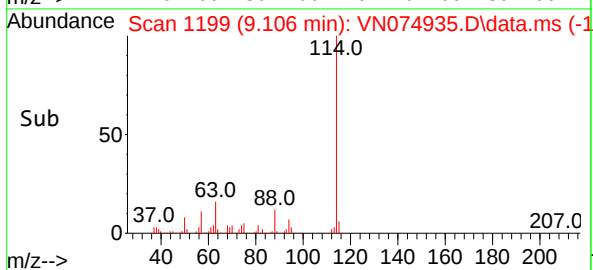
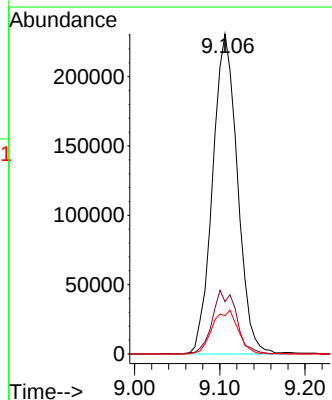
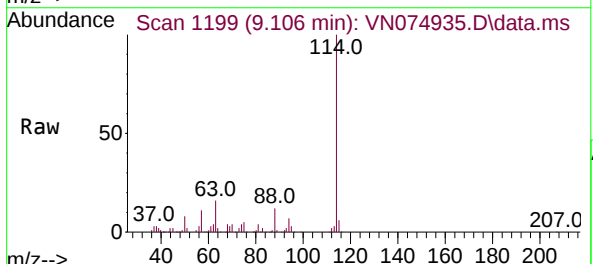
Tgt Ion: 114 Resp: 468762

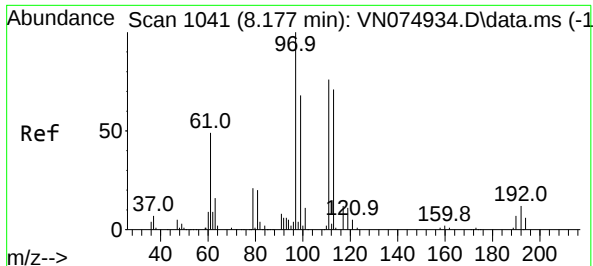
Ion Ratio Lower Upper

114 100

63 16.4 0.0 40.4

88 12.0 0.0 26.6





#35

Dibromofluoromethane

Concen: 74.209 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

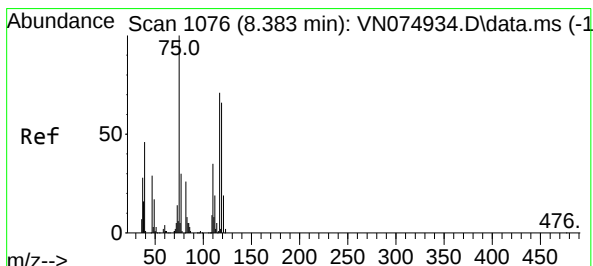
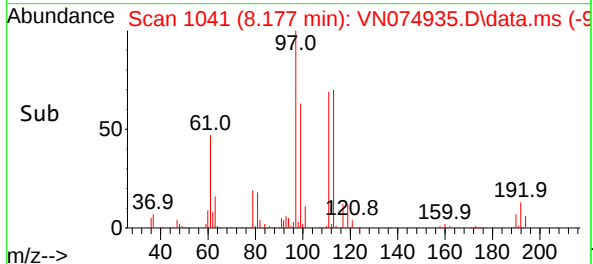
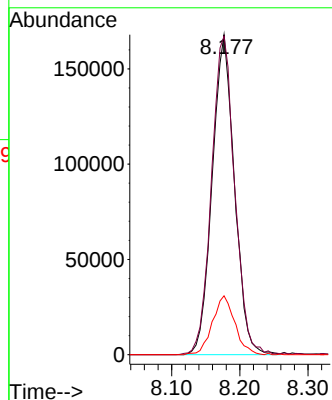
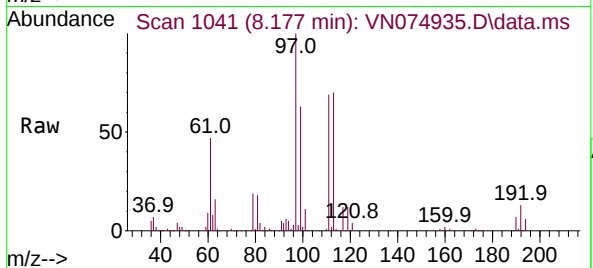
Tgt Ion:113 Resp: 381532

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.8

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 69.740 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

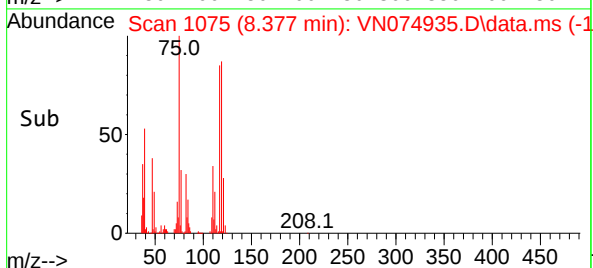
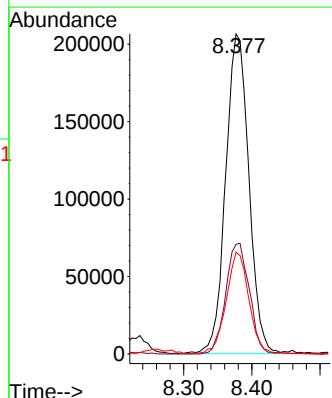
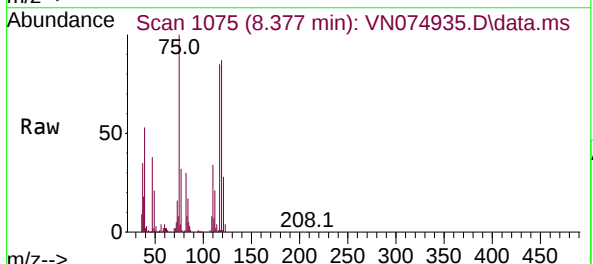
Tgt Ion: 75 Resp: 489403

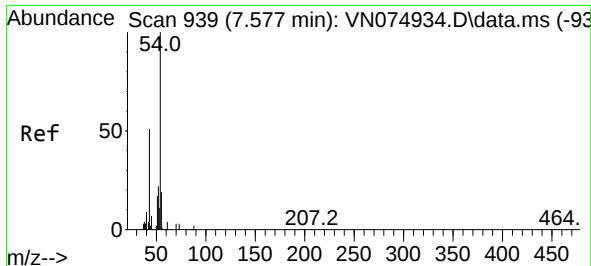
Ion Ratio Lower Upper

75 100

110 35.2 18.1 54.1

77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 71.057 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

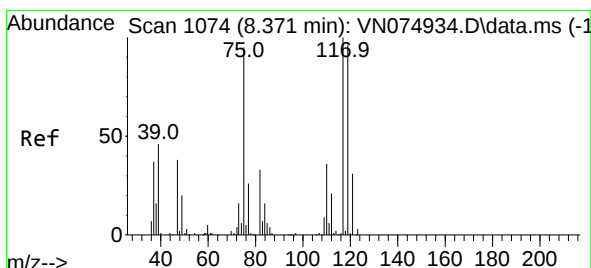
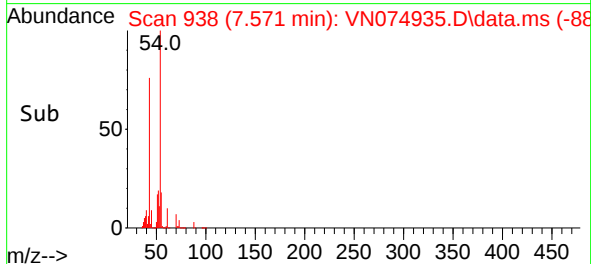
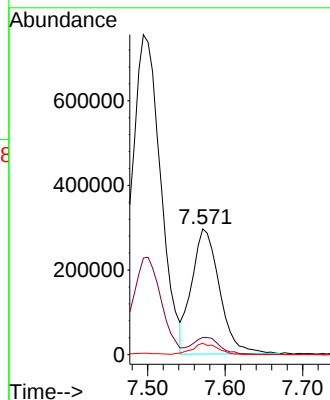
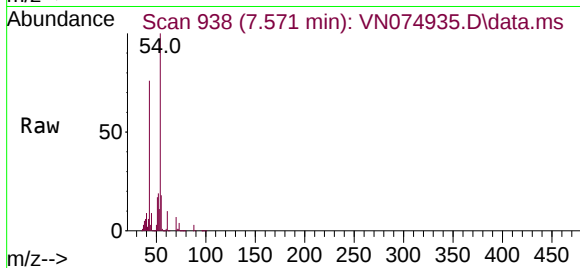
Tgt Ion: 43 Resp: 737149

Ion Ratio Lower Upper

43 100

61 13.3 10.3 15.5

70 8.4 5.9 8.9



#38

Carbon Tetrachloride

Concen: 70.882 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

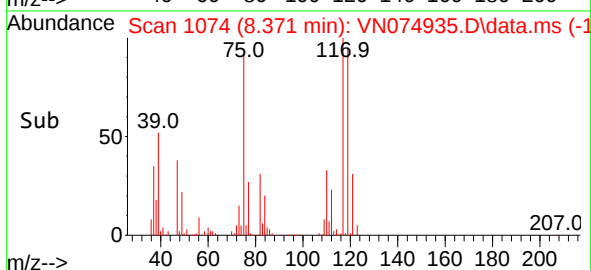
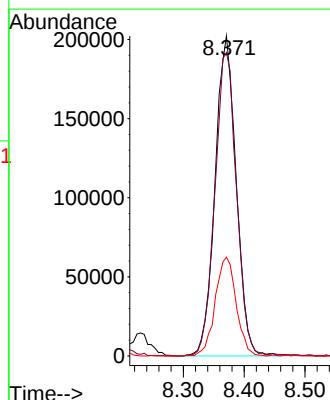
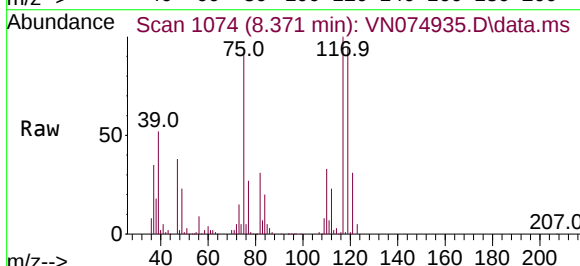
Tgt Ion: 117 Resp: 487704

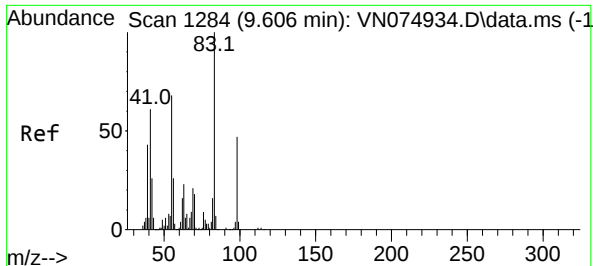
Ion Ratio Lower Upper

117 100

119 94.8 76.8 115.2

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 75.004 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

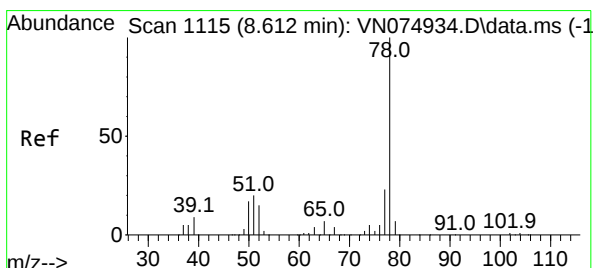
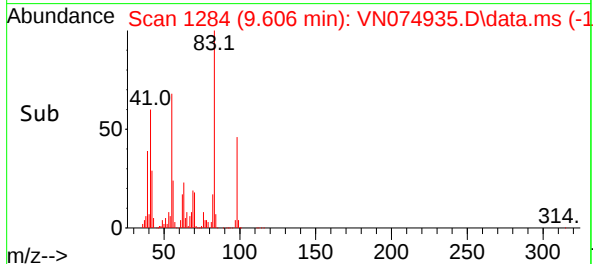
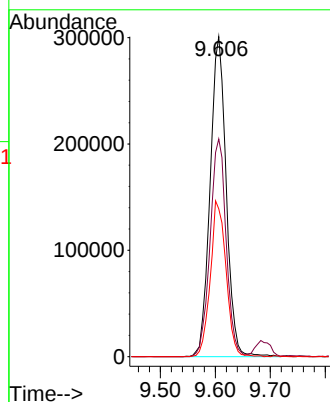
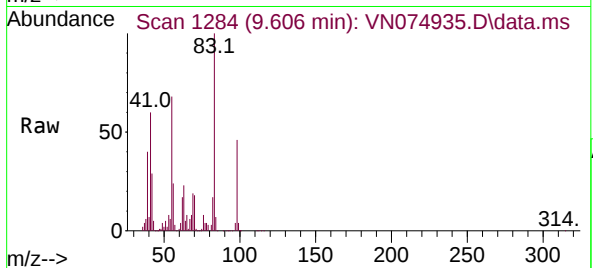
Tgt Ion: 83 Resp: 611629

Ion Ratio Lower Upper

83 100

55 68.0 54.6 82.0

98 46.2 37.6 56.4



#40

Benzene

Concen: 70.259 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074935.D

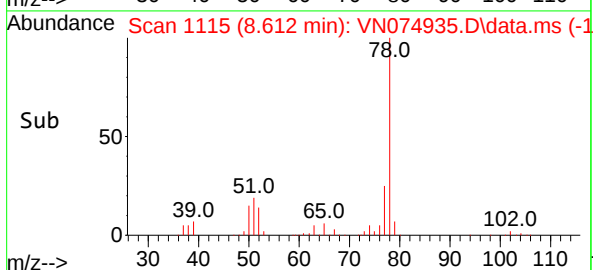
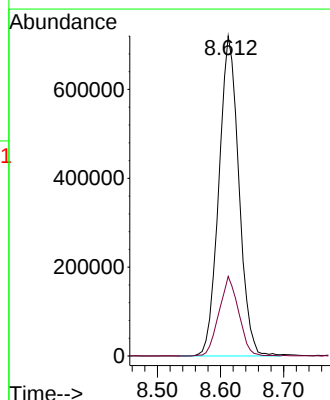
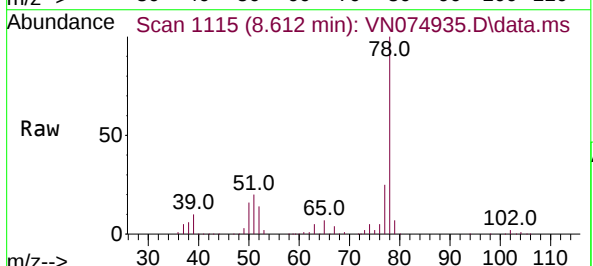
Acq: 19 Oct 2022 16:56

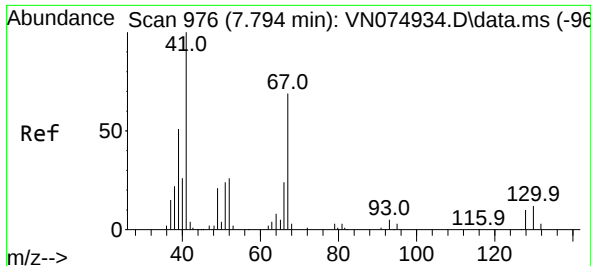
Tgt Ion: 78 Resp: 1586198

Ion Ratio Lower Upper

78 100

77 24.8 18.6 28.0

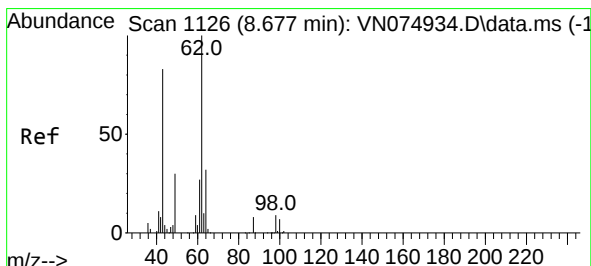
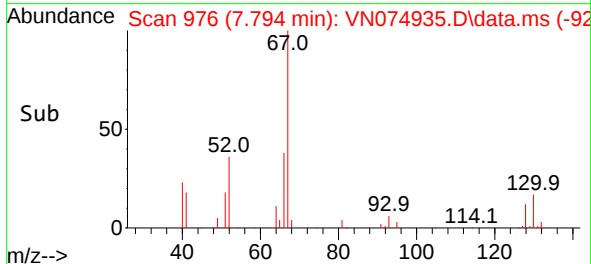
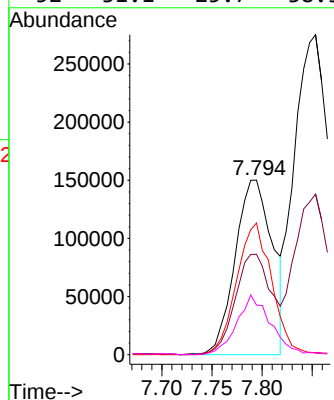
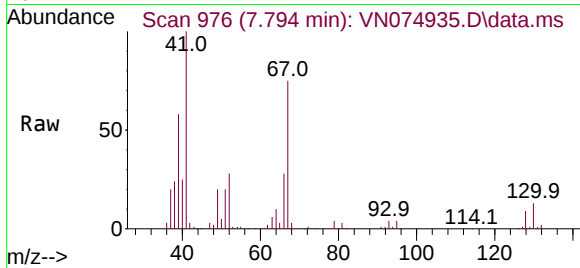




#41
Methacrylonitrile
Concen: 71.746 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

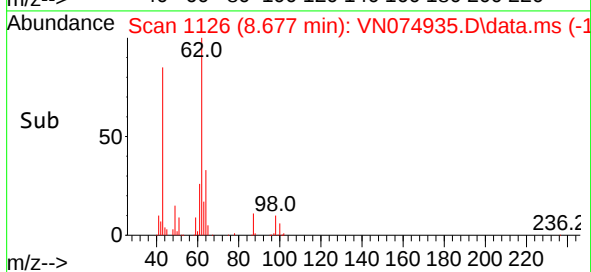
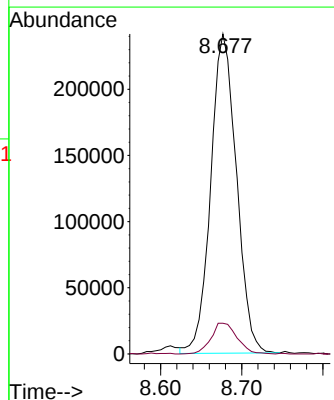
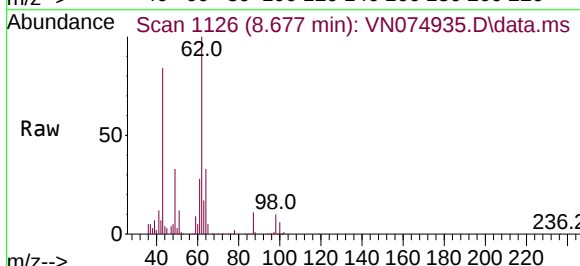
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

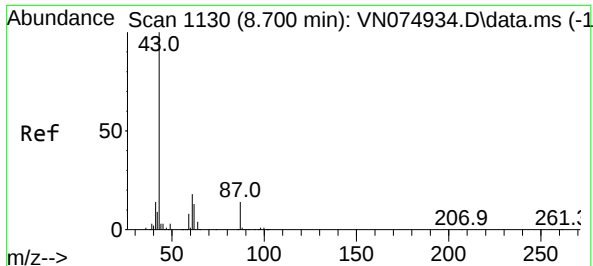
Tgt Ion:	41	Resp:	390598
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.2	63.2
67	71.5	59.3	88.9
52	31.1	25.7	38.5



#42
1,2-Dichloroethane
Concen: 68.927 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion:	62	Resp:	531727
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4



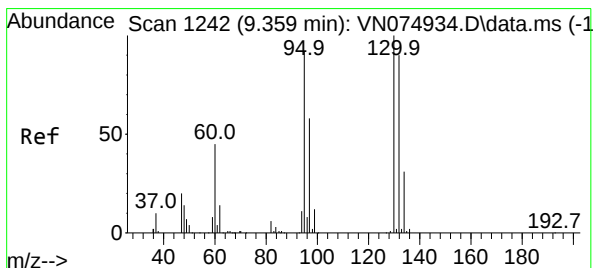
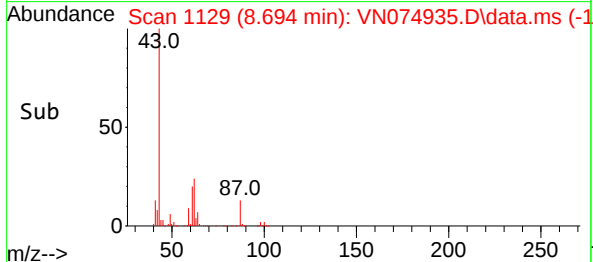
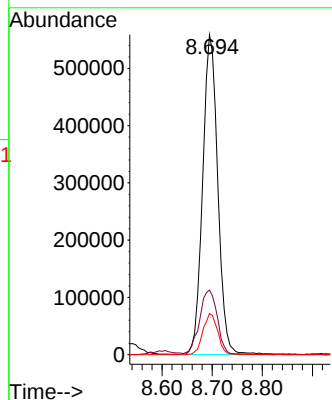
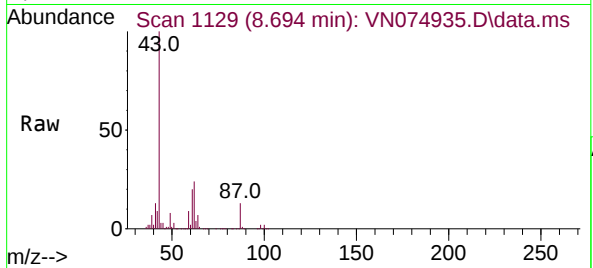


#43
Isopropyl Acetate
Concen: 74.660 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 1169886

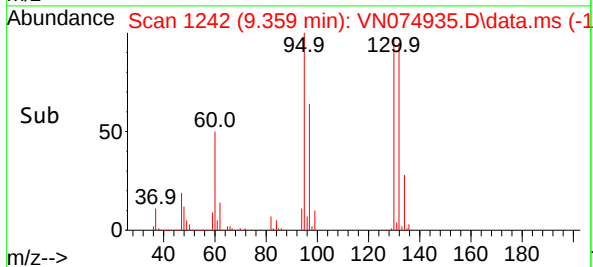
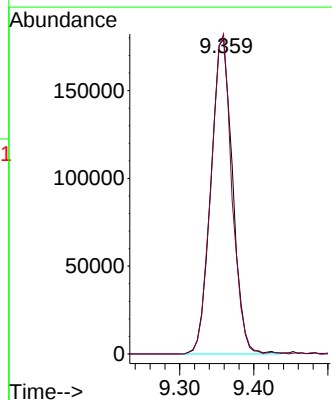
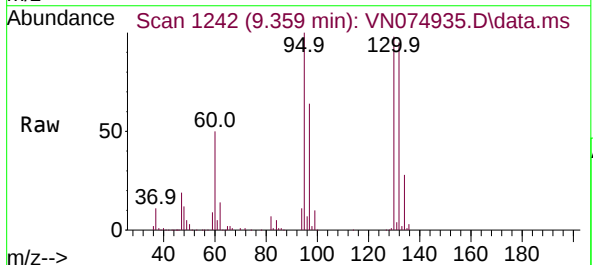
Ion	Ratio	Lower	Upper
43	100		
61	23.6	18.7	28.1
87	12.5	10.0	15.0

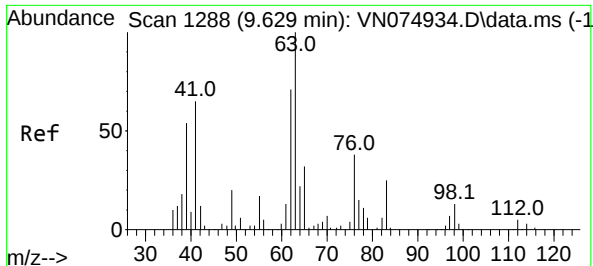


#44
Trichloroethene
Concen: 69.550 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 130 Resp: 364228

Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	184.0





#45

1,2-Dichloropropane

Concen: 69.088 ug/l

RT: 9.624 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

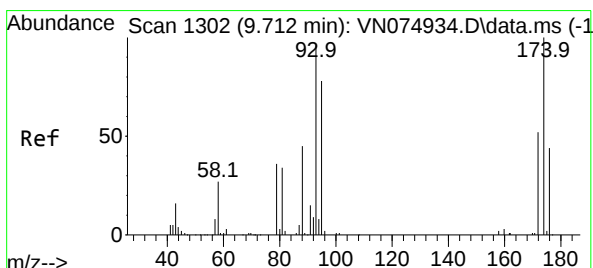
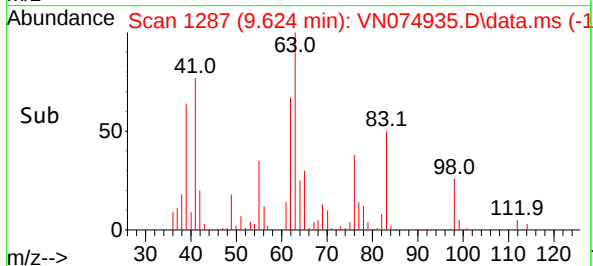
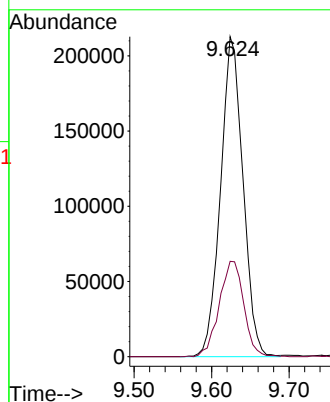
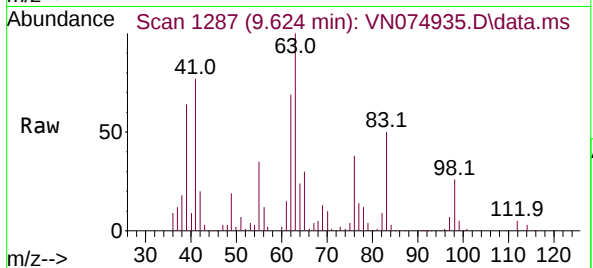
VSTDIC075

Tgt Ion: 63 Resp: 428580

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.0



#46

Dibromomethane

Concen: 72.238 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

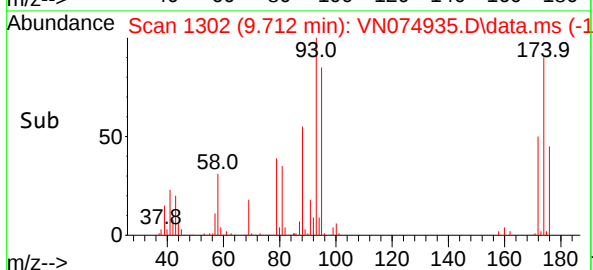
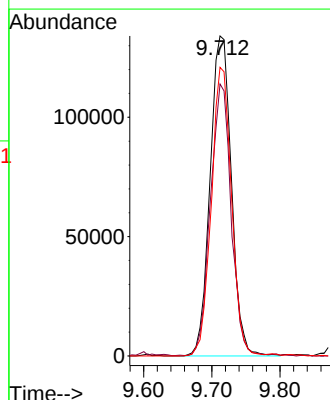
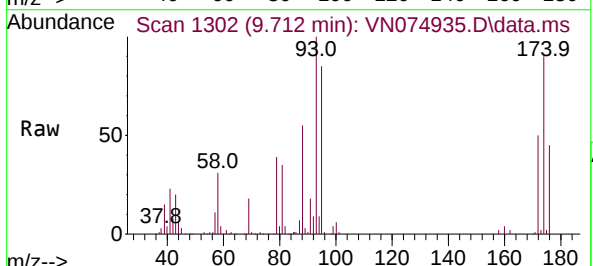
Tgt Ion: 93 Resp: 291631

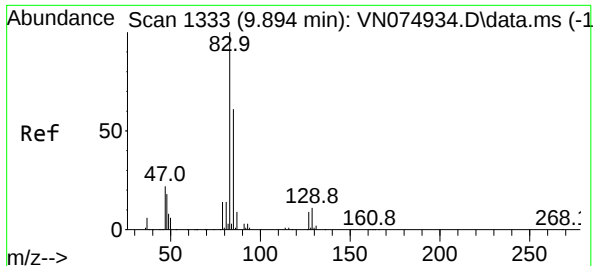
Ion Ratio Lower Upper

93 100

95 83.2 68.6 102.8

174 85.6 76.1 114.1





#47

Bromodichloromethane

Concen: 74.801 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

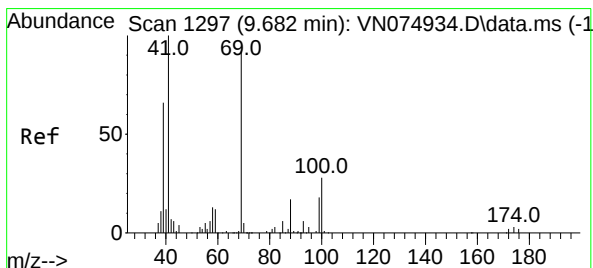
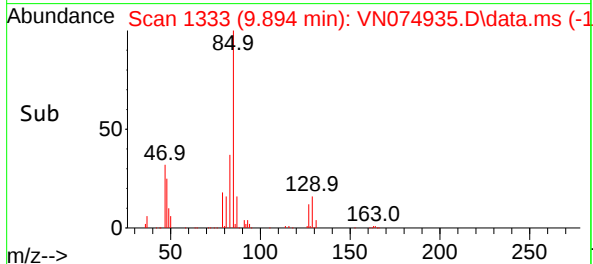
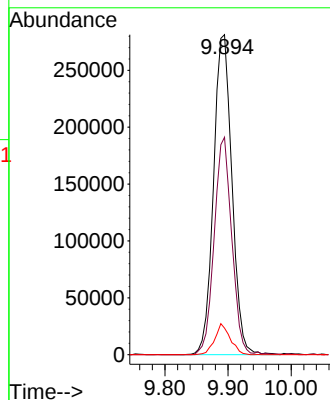
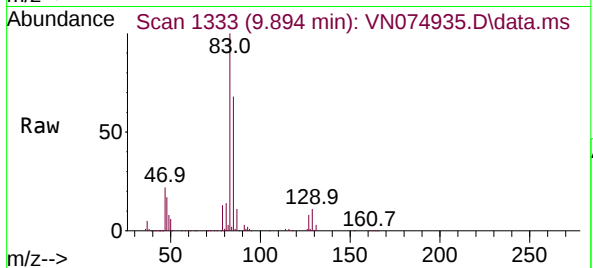
Tgt Ion: 83 Resp: 569364

Ion Ratio Lower Upper

83 100

85 68.0 49.0 73.6

127 8.3 6.9 10.3



#48

Methyl methacrylate

Concen: 75.131 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

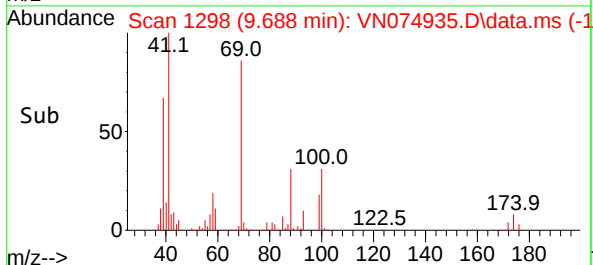
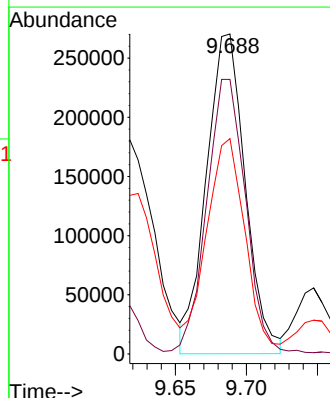
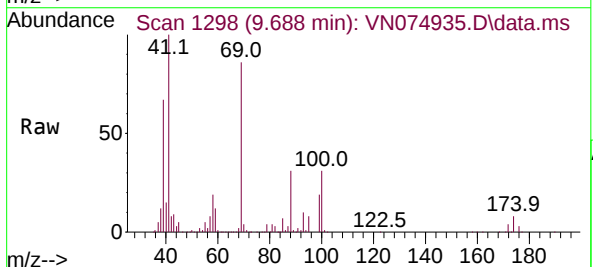
Tgt Ion: 41 Resp: 514772

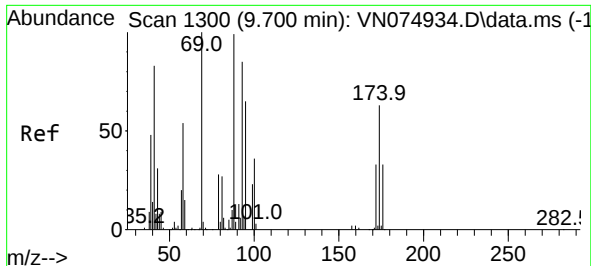
Ion Ratio Lower Upper

41 100

69 85.2 67.9 101.9

39 66.9 53.6 80.4

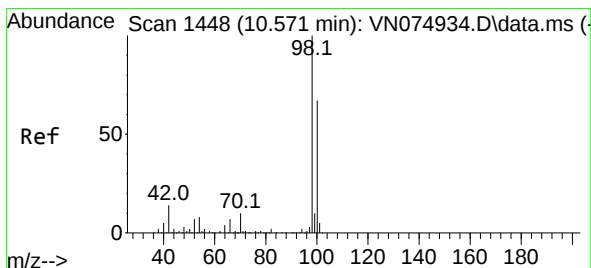
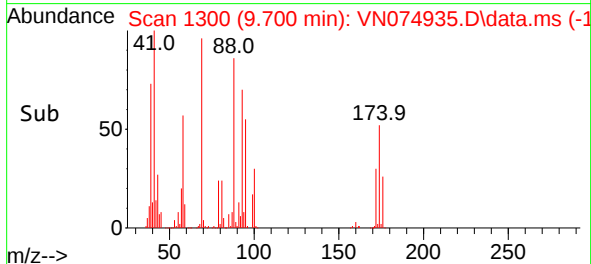
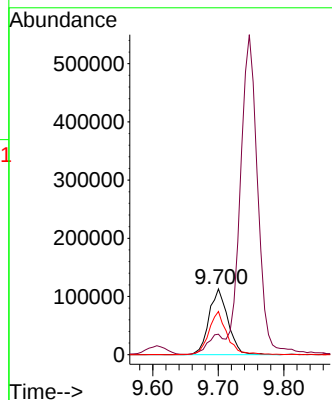
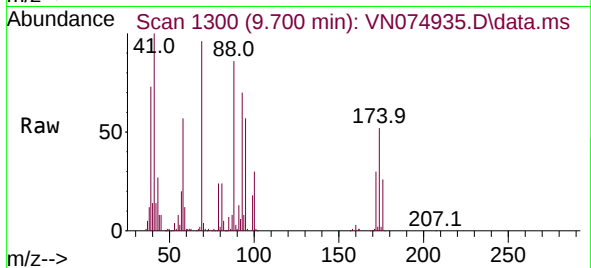




#49
1,4-Dioxane
Concen: 1482.198 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

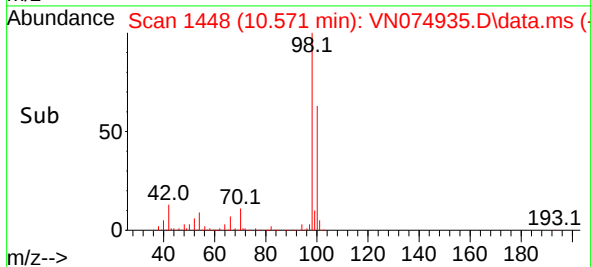
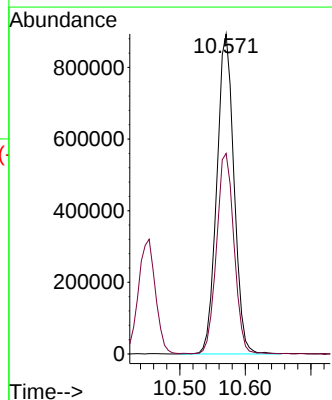
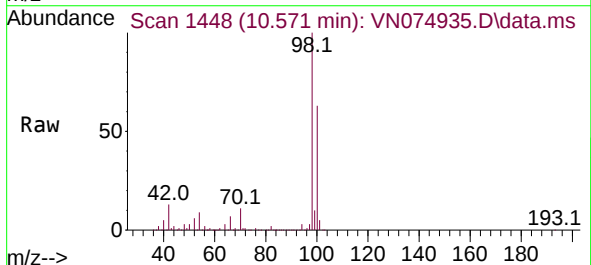
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

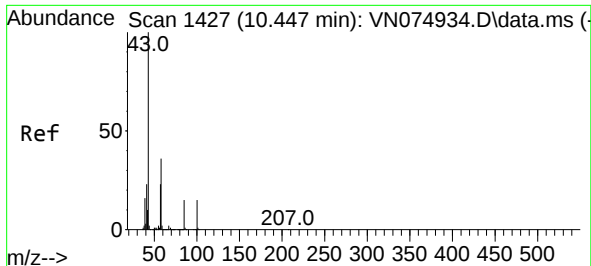
Tgt Ion: 88 Resp: 226254
Ion Ratio Lower Upper
88 100
43 28.4 23.3 34.9
58 63.8 50.1 75.1



#50
Toluene-d8
Concen: 77.695 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 98 Resp: 1620322
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

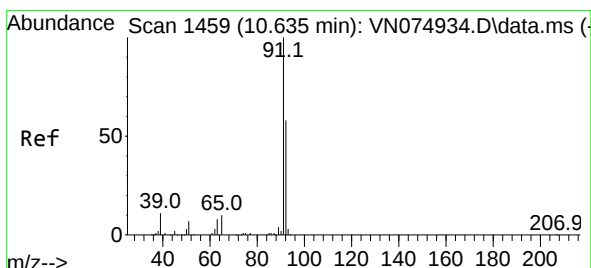
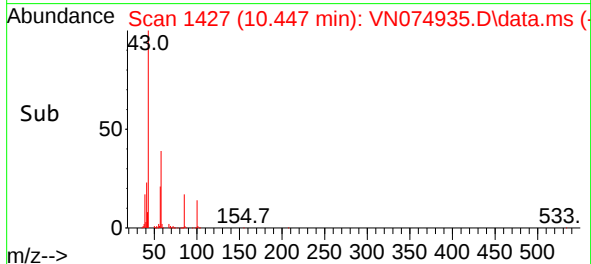
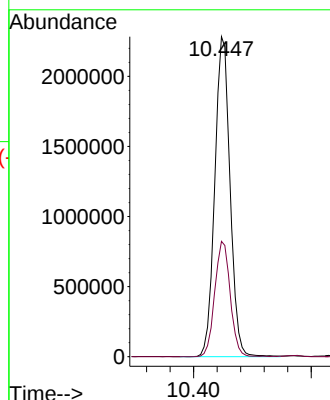
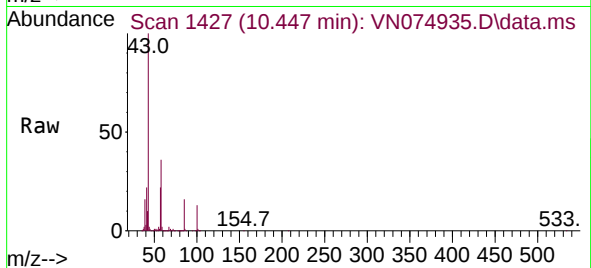




#51
4-Methyl-2-Pentanone
Concen: 391.908 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

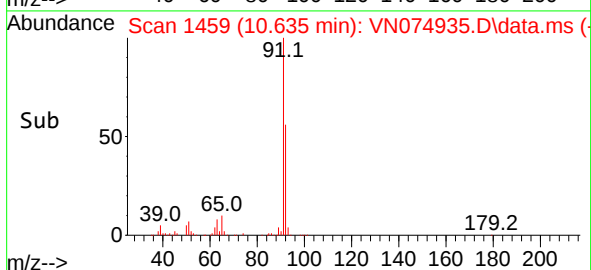
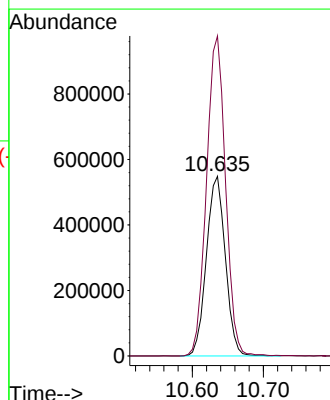
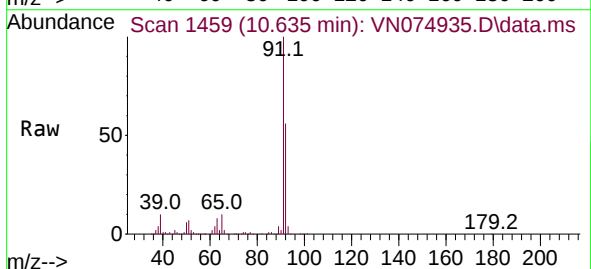
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

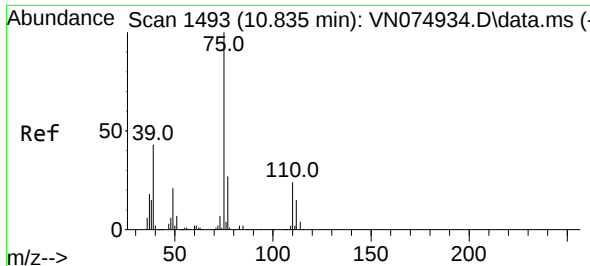
Tgt Ion: 43 Resp: 4119746
Ion Ratio Lower Upper
43 100
58 36.5 29.6 44.4



#52
Toluene
Concen: 72.029 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 92 Resp: 1018029
Ion Ratio Lower Upper
92 100
91 178.6 140.9 211.3

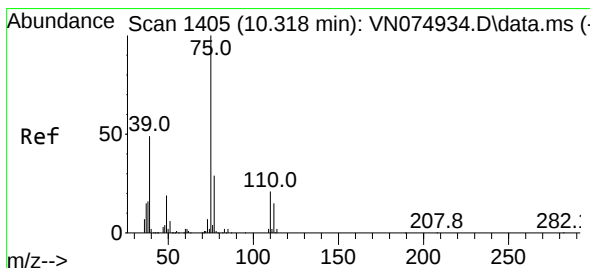
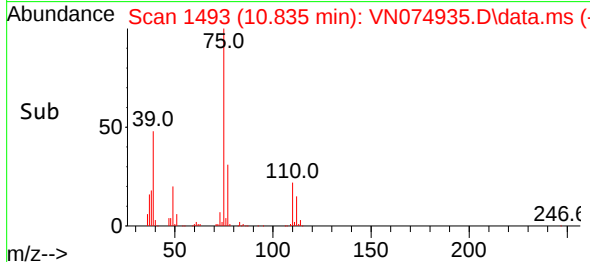
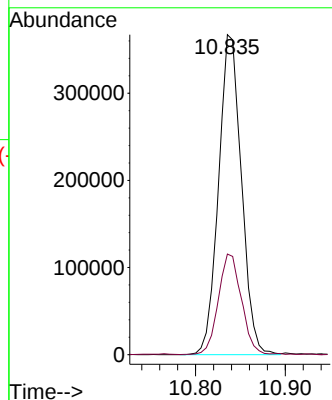
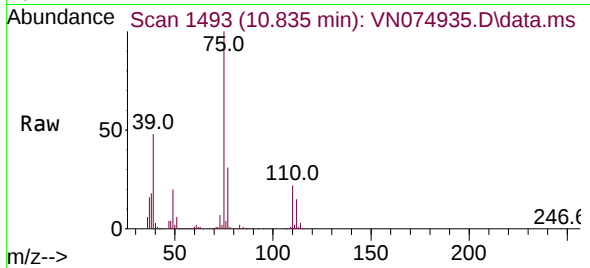




#53
t-1,3-Dichloropropene
Concen: 80.129 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

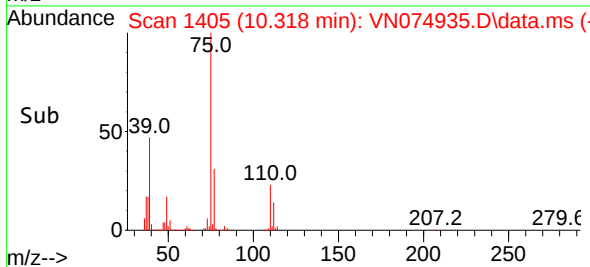
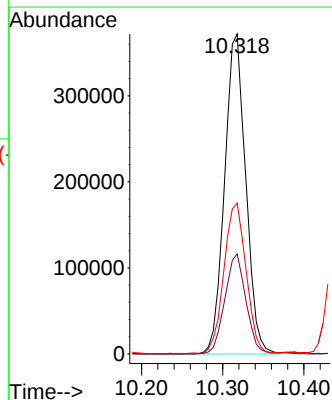
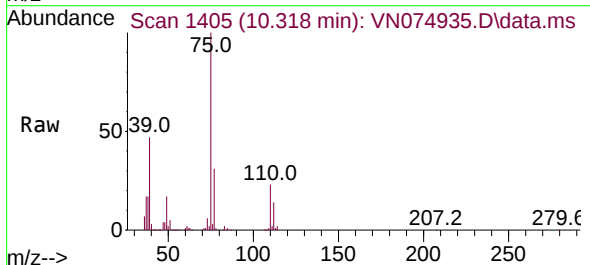
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

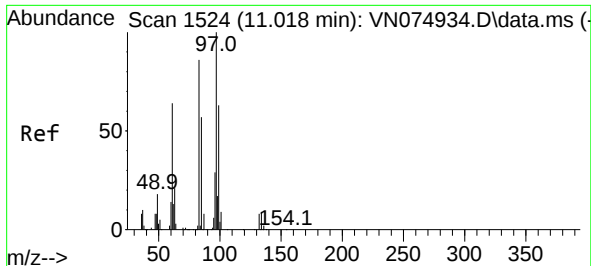
Tgt Ion: 75 Resp: 649970
Ion Ratio Lower Upper
75 100
77 31.4 21.4 32.2



#54
cis-1,3-Dichloropropene
Concen: 75.328 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 75 Resp: 674163
Ion Ratio Lower Upper
75 100
77 31.3 23.0 34.6
39 47.0 38.9 58.3

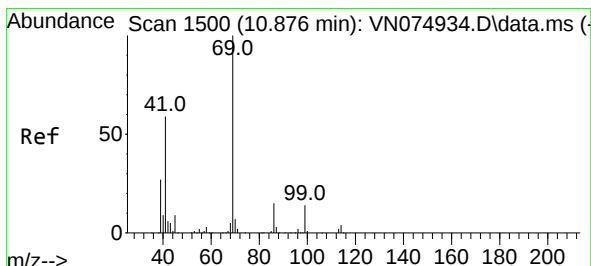
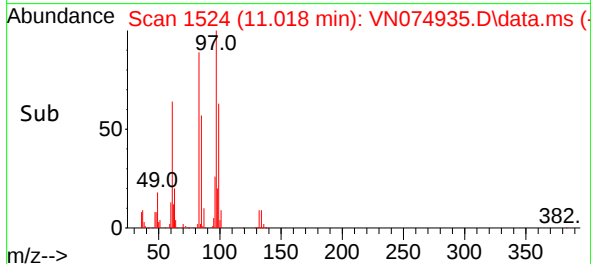
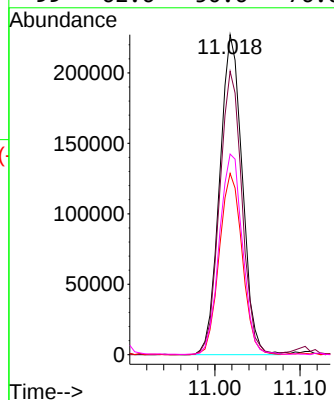
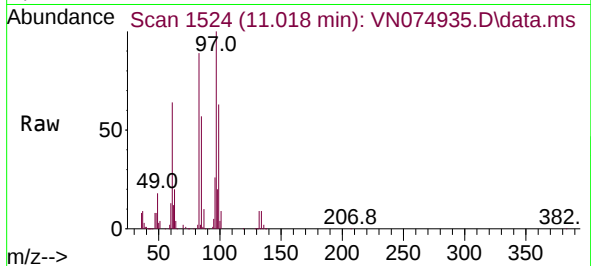




#55
1,1,2-Trichloroethane
Concen: 71.457 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

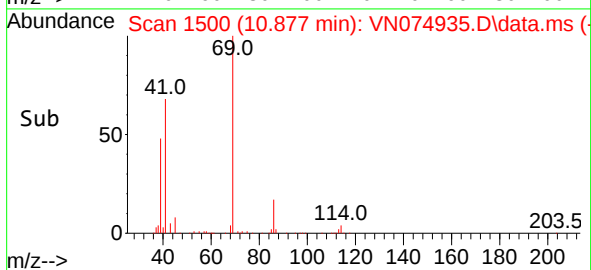
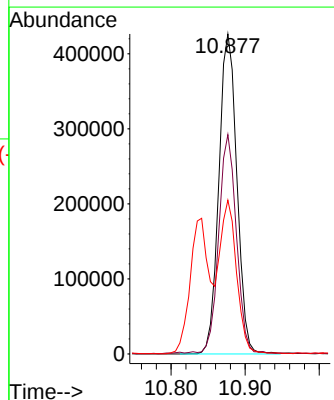
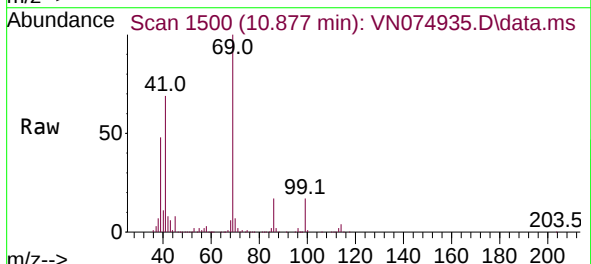
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

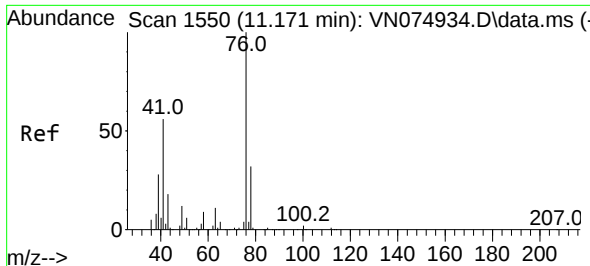
Tgt Ion:	97	Resp:	419184
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.8	103.2
85	56.7	45.7	68.5
99	62.6	50.6	76.0



#56
Ethyl methacrylate
Concen: 79.414 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion:	69	Resp:	719962
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.5	80.3
39	43.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 71.551 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

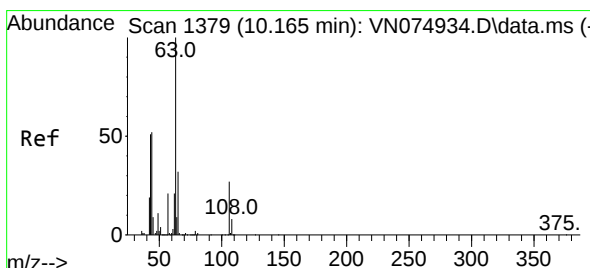
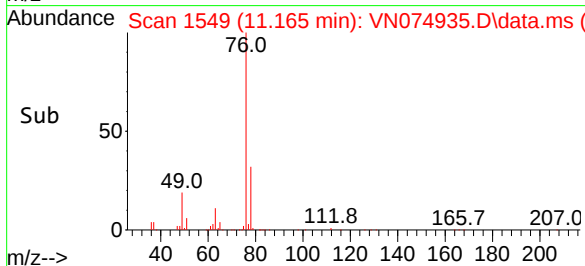
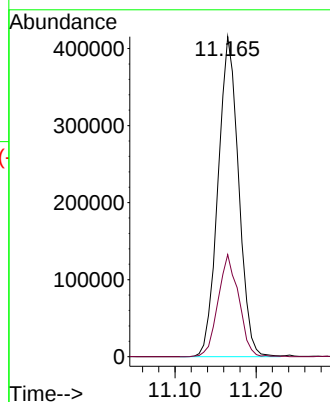
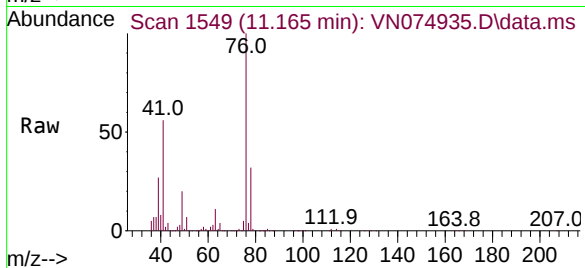
VSTDIC075

Tgt Ion: 76 Resp: 733561

Ion Ratio Lower Upper

76 100

78 31.9 24.9 37.3



#58

2-Chloroethyl Vinyl ether

Concen: 422.465 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074935.D

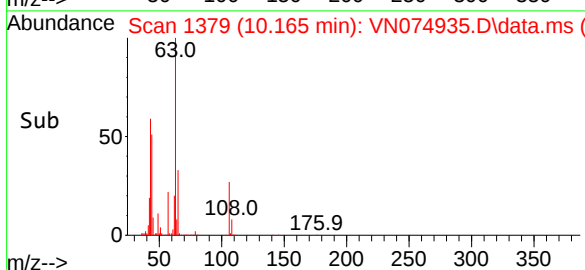
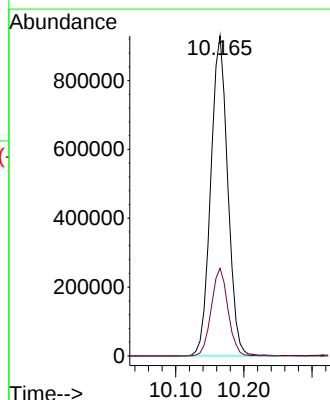
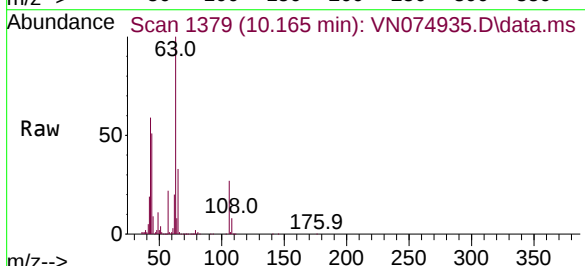
Acq: 19 Oct 2022 16:56

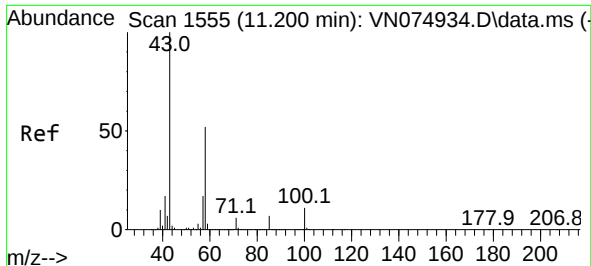
Tgt Ion: 63 Resp: 1613943

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3

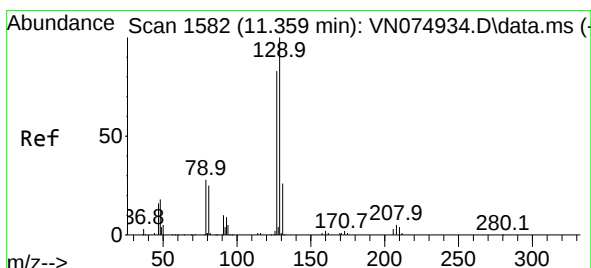
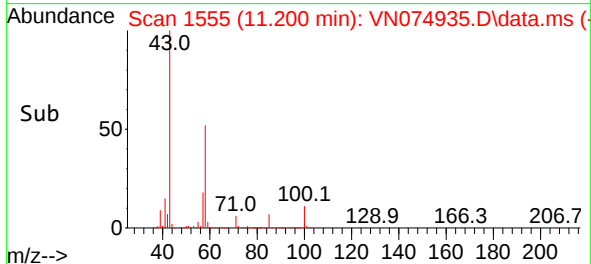
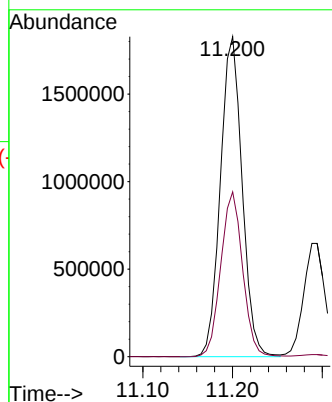
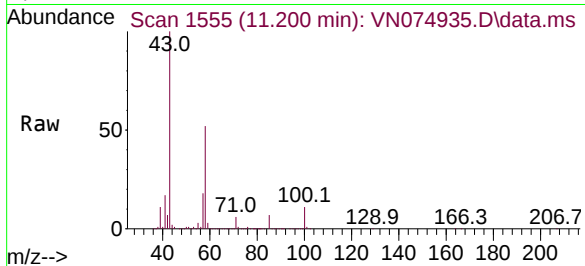




#59
2-Hexanone
Concen: 397.455 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

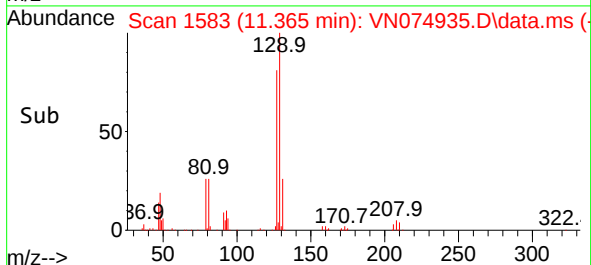
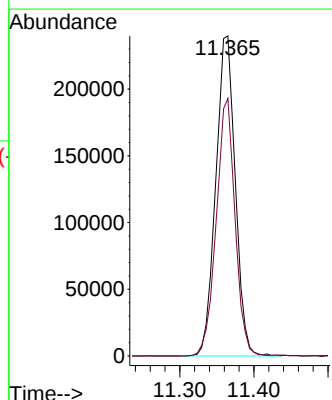
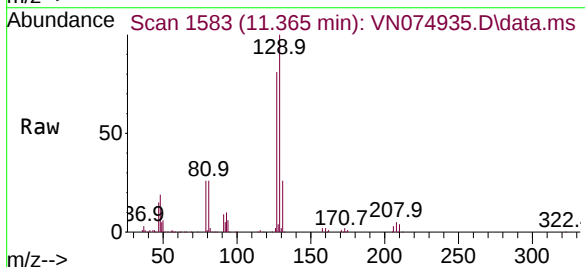
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

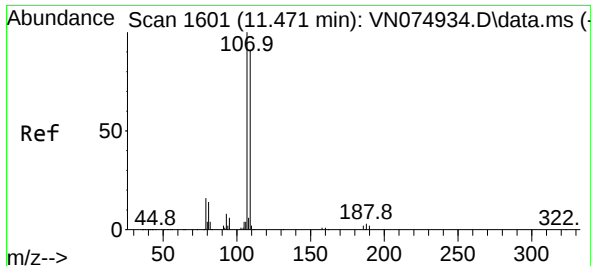
Tgt Ion: 43 Resp: 3074025
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.8



#60
Dibromochloromethane
Concen: 76.373 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 129 Resp: 438566
Ion Ratio Lower Upper
129 100
127 77.6 40.6 122.0

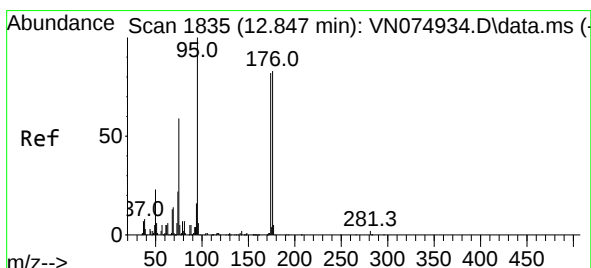
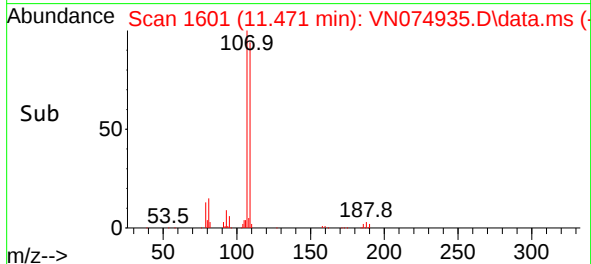
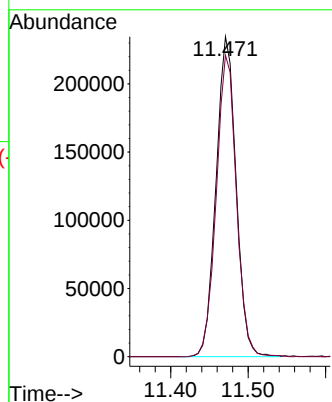
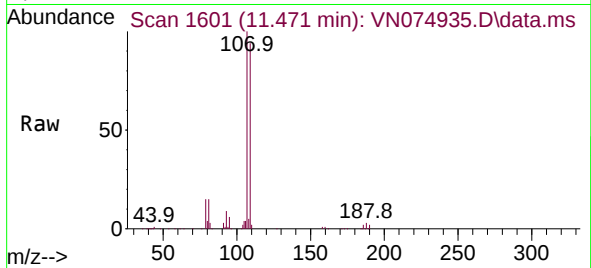




#61
1,2-Dibromoethane
Concen: 72.857 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

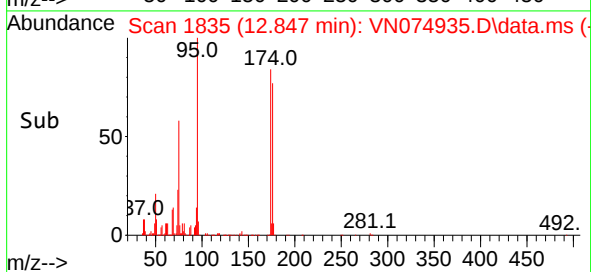
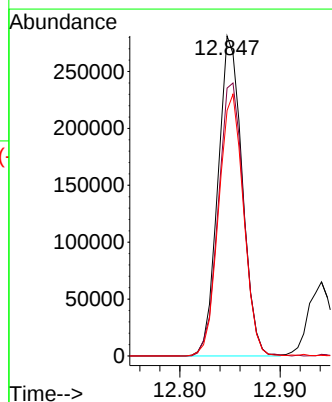
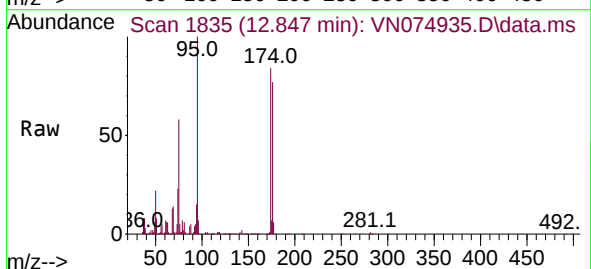
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

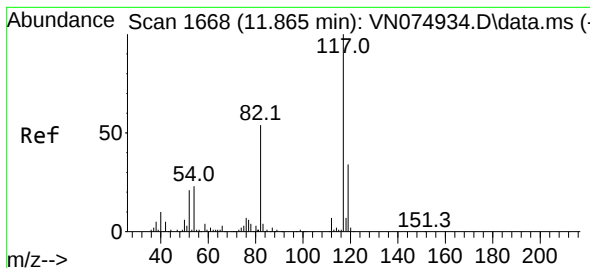
Tgt Ion:107 Resp: 422178
Ion Ratio Lower Upper
107 100
109 94.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 82.867 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 95 Resp: 472115
Ion Ratio Lower Upper
95 100
174 88.9 0.0 182.8
176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

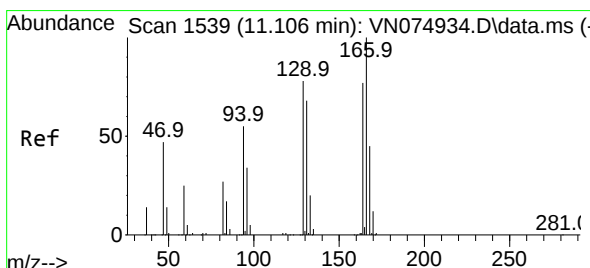
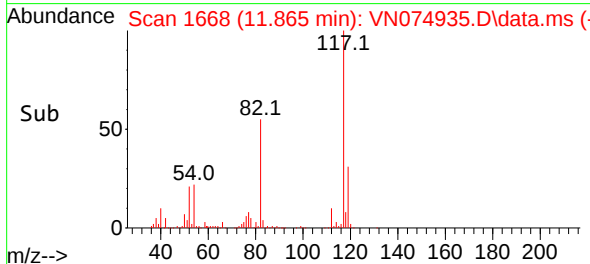
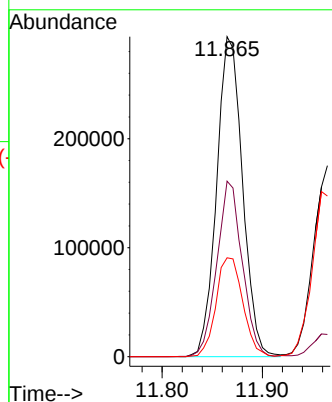
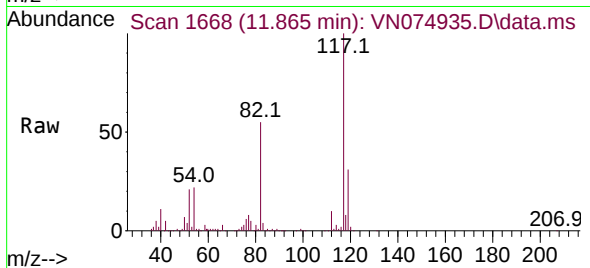
Tgt Ion:117 Resp: 525583

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.6

119 30.9 27.0 40.6



#64

Tetrachloroethene

Concen: 67.729 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Tgt Ion:164 Resp: 296847

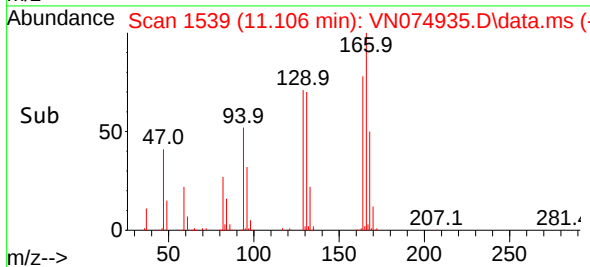
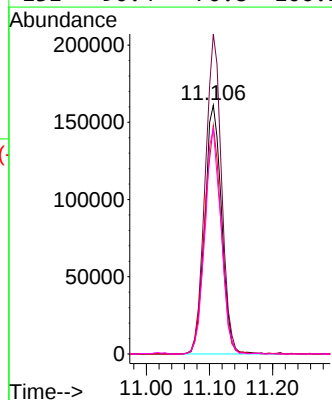
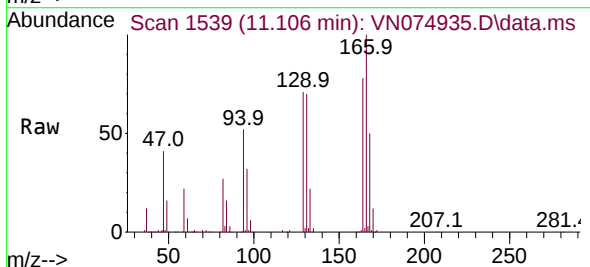
Ion Ratio Lower Upper

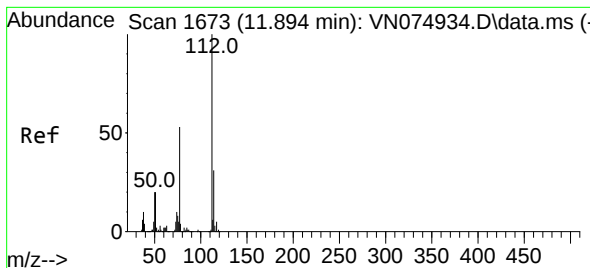
164 100

166 128.6 103.4 155.0

129 91.7 80.3 120.5

131 90.4 70.8 106.2





#65

Chlorobenzene

Concen: 71.909 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

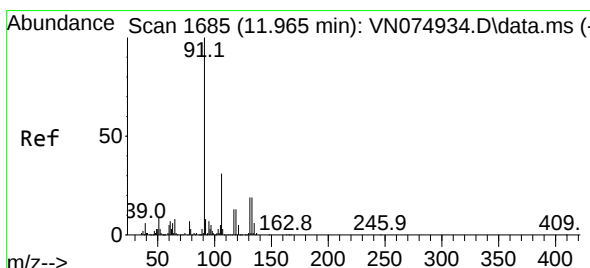
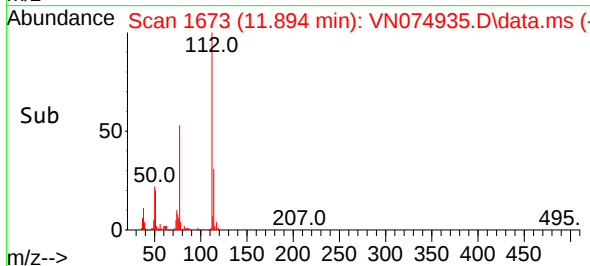
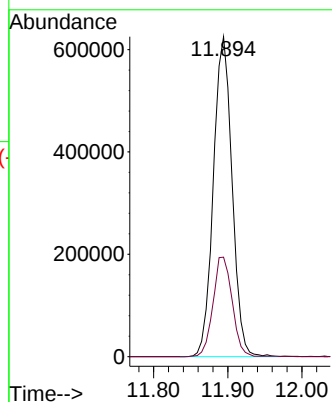
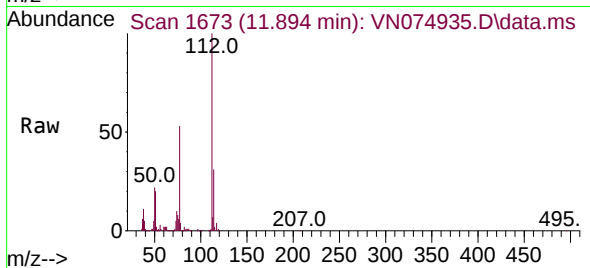
VSTDIC075

Tgt Ion:112 Resp: 1094952

Ion Ratio Lower Upper

112 100

114 31.1 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 71.204 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

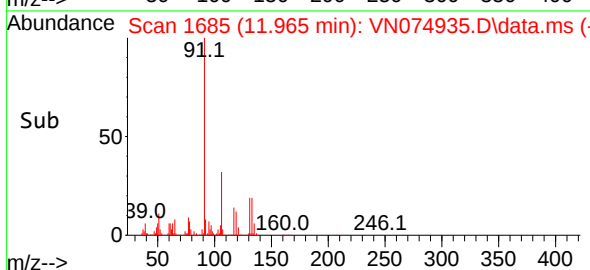
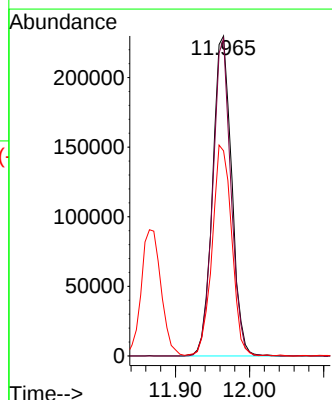
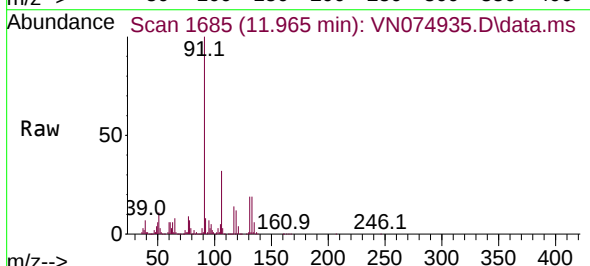
Tgt Ion:131 Resp: 409929

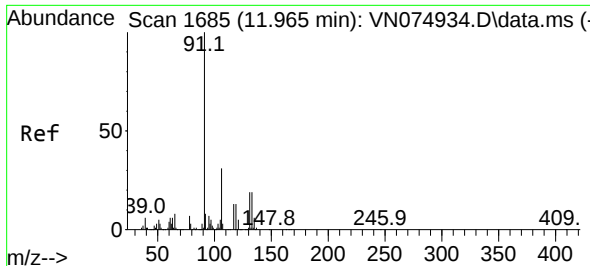
Ion Ratio Lower Upper

131 100

133 94.1 48.9 146.6

119 67.1 35.3 105.7

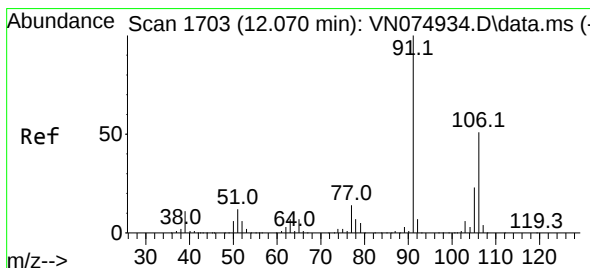
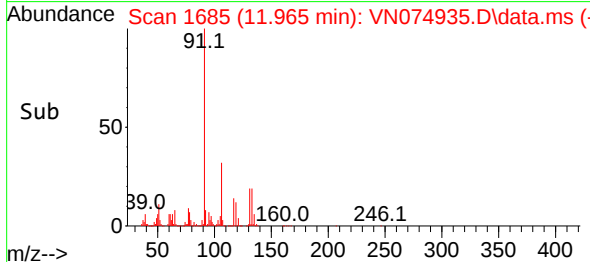
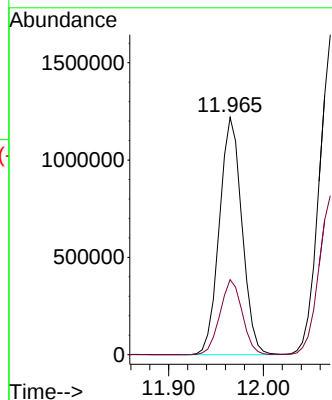
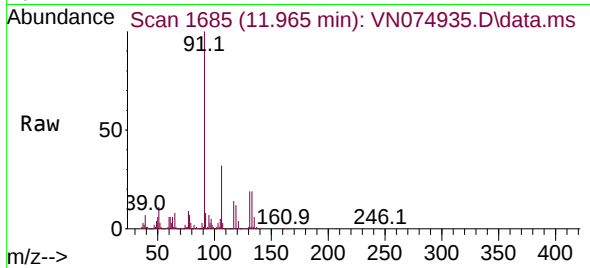




#67
Ethyl Benzene
Concen: 77.007 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

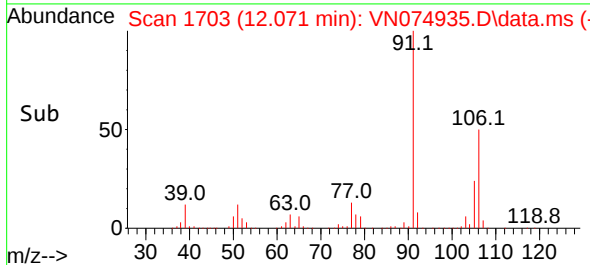
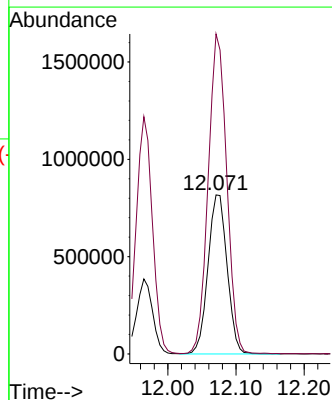
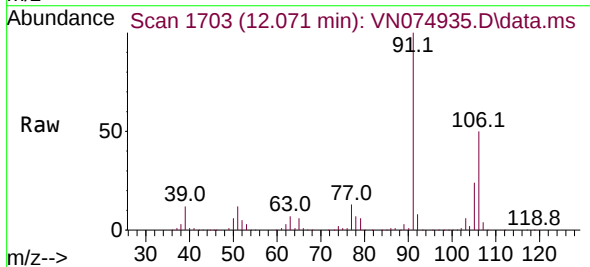
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

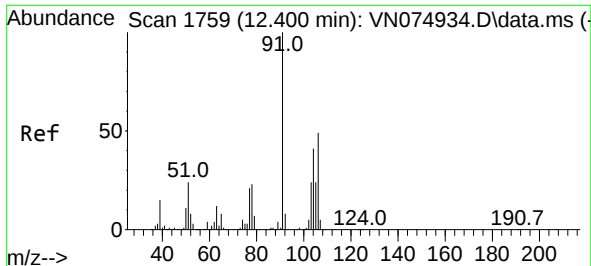
Tgt Ion: 91 Resp: 2025146
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 157.117 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 106 Resp: 1591903
Ion Ratio Lower Upper
106 100
91 195.5 157.4 236.2





#69

o-Xylene

Concen: 76.615 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

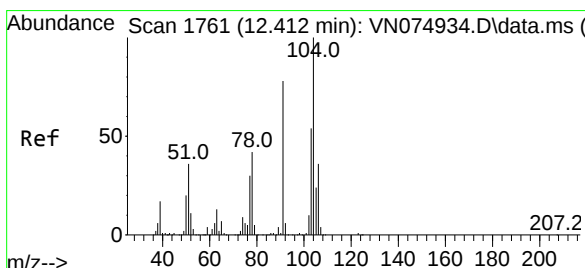
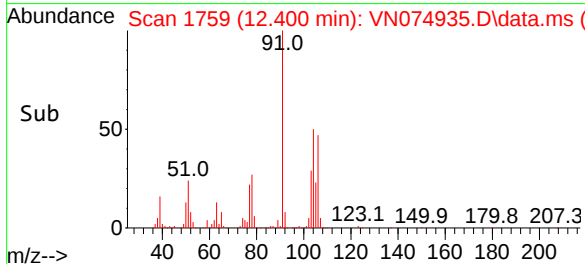
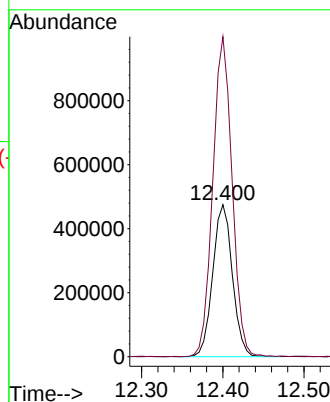
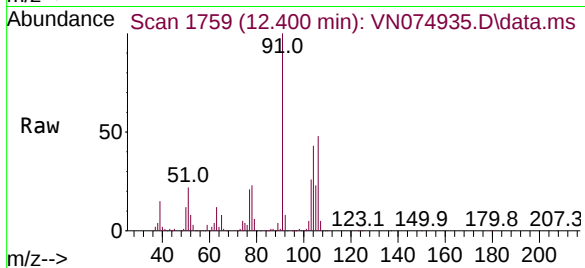
VSTDIC075

Tgt Ion:106 Resp: 797720

Ion Ratio Lower Upper

106 100

91 207.4 101.1 303.1



#70

Styrene

Concen: 86.383 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

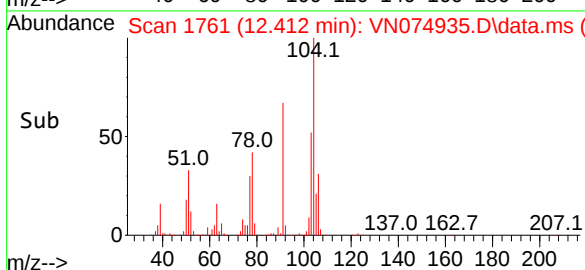
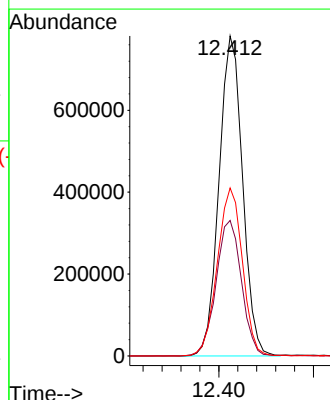
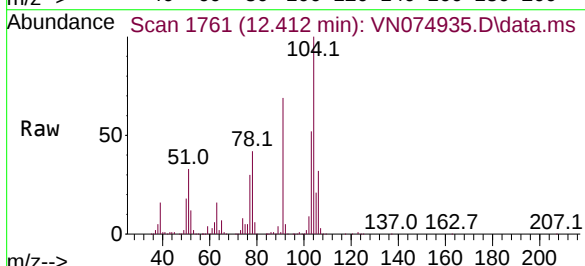
Tgt Ion:104 Resp: 1351506

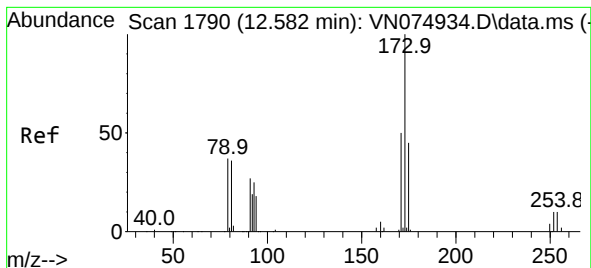
Ion Ratio Lower Upper

104 100

78 45.6 37.4 56.2

103 55.9 44.6 66.8





#71

Bromoform

Concen: 83.971 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

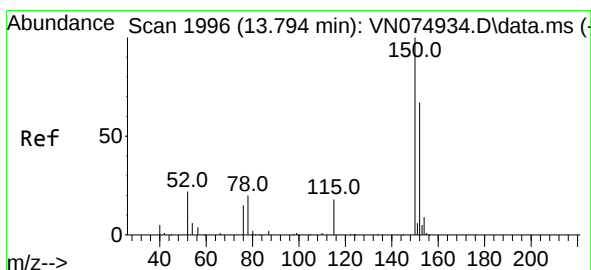
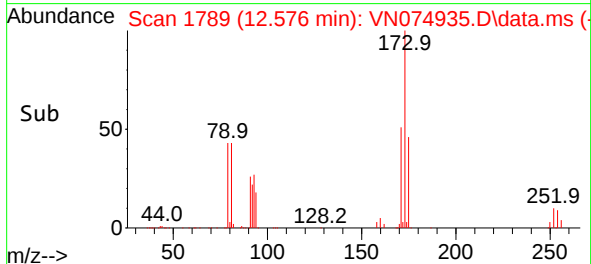
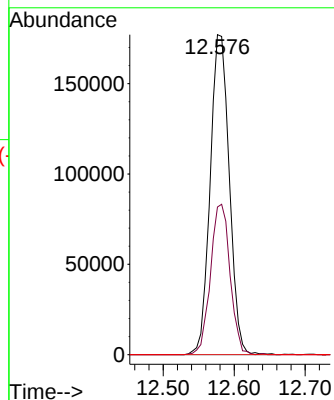
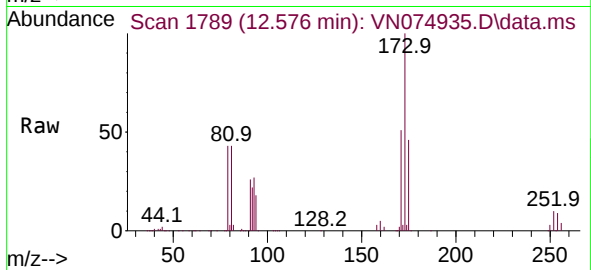
Tgt Ion:173 Resp: 330998

Ion Ratio Lower Upper

173 100

175 48.1 23.4 70.2

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: VN074935.D

Acq: 19 Oct 2022 16:56

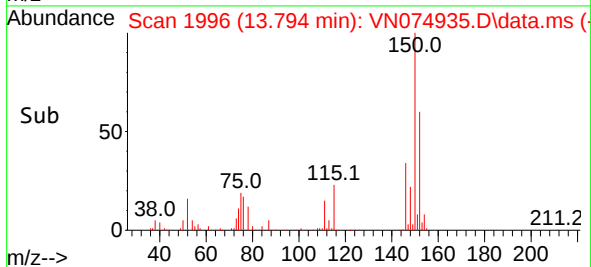
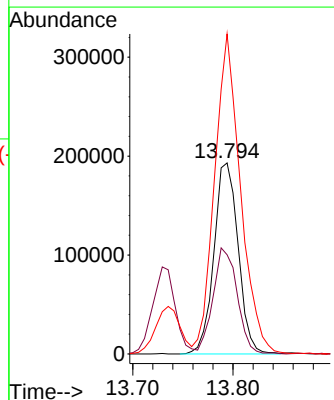
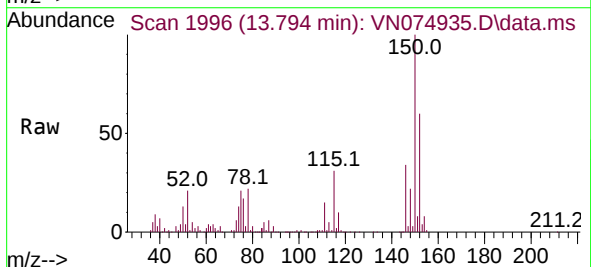
Tgt Ion:152 Resp: 323964

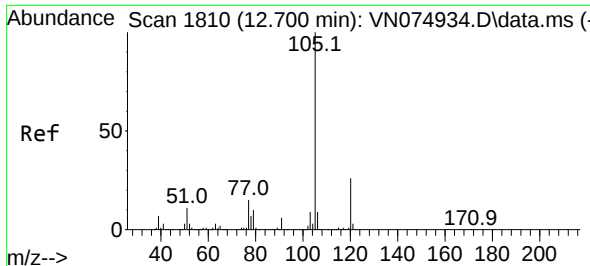
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

150 178.9 0.0 352.0

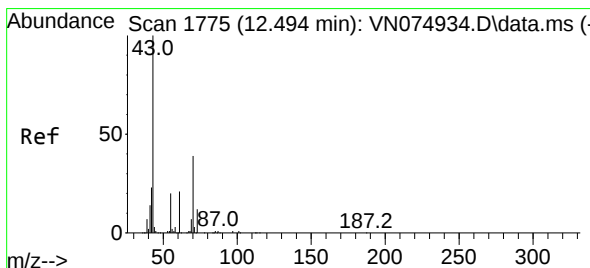
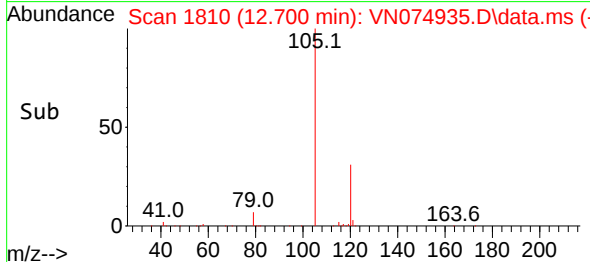
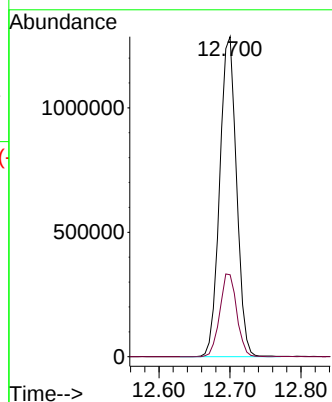
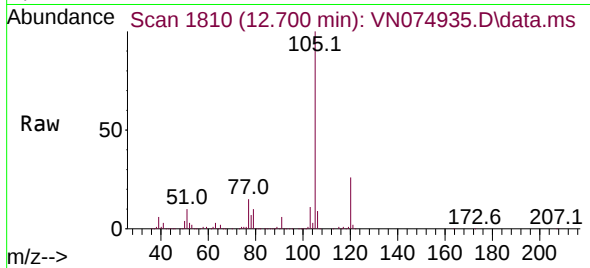




#73
Isopropylbenzene
Concen: 71.302 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

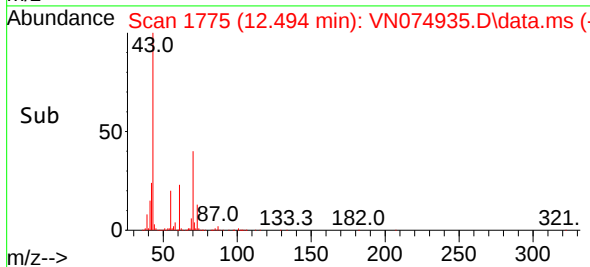
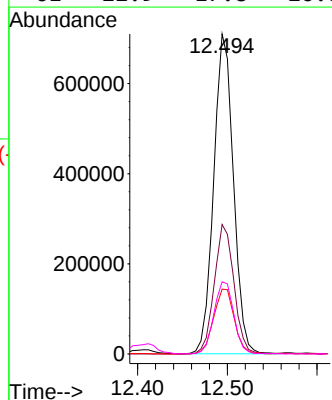
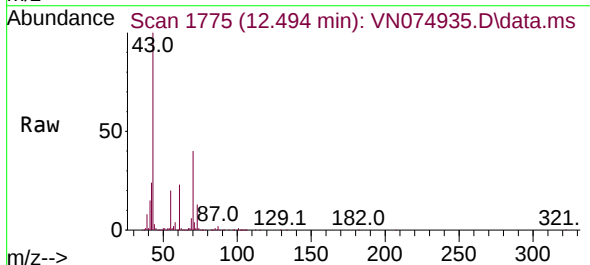
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

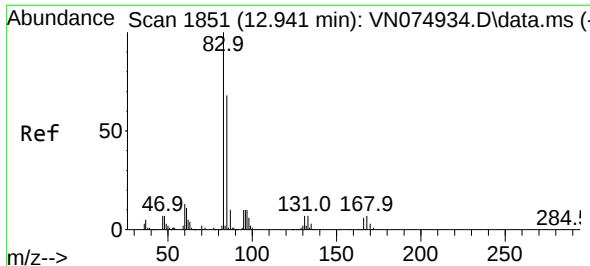
Tgt Ion:105 Resp: 2106093
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9



#74
N-ethyl acetate
Concen: 73.257 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 43 Resp: 1082271
Ion Ratio Lower Upper
43 100
70 40.4 32.9 49.3
55 21.4 17.7 26.5
61 22.9 17.8 26.8

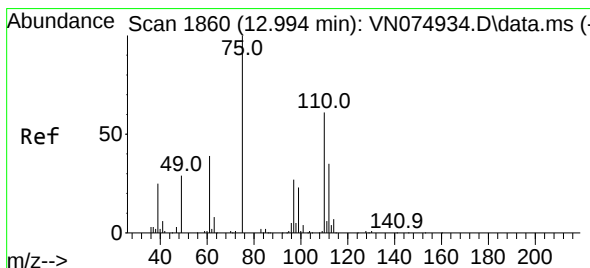
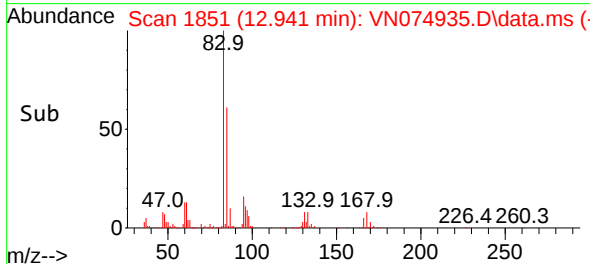
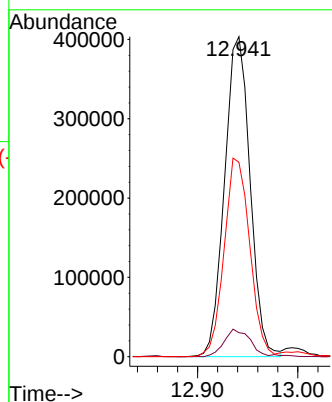
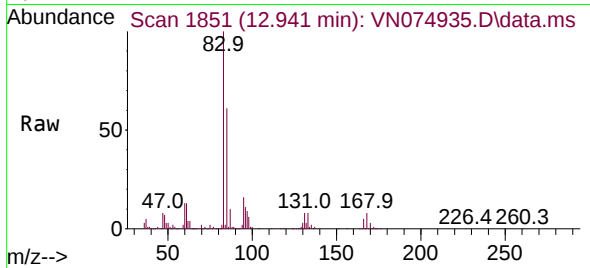




#75
1,1,2,2-Tetrachloroethane
Concen: 63.013 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

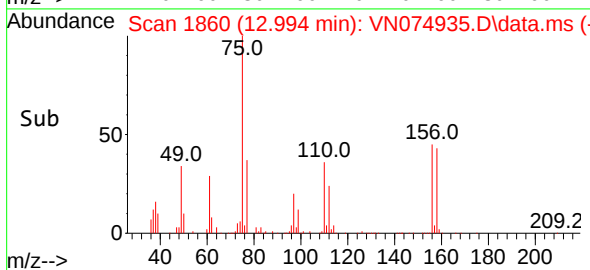
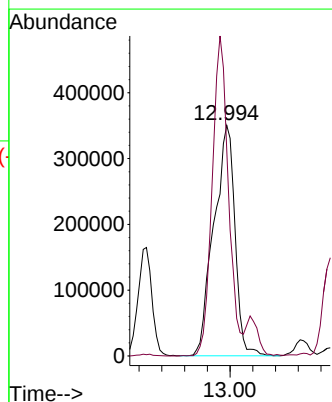
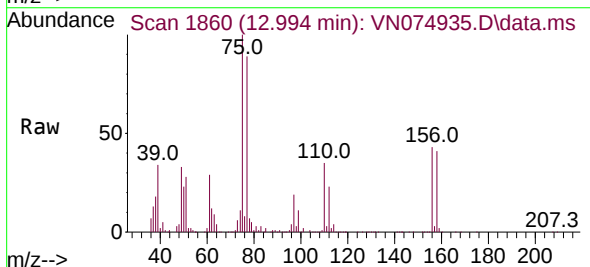
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

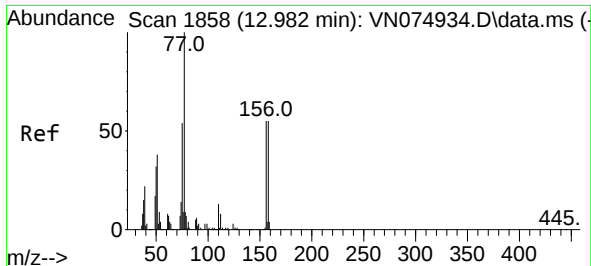
Tgt Ion: 83 Resp: 714453
Ion Ratio Lower Upper
83 100
131 9.0 4.3 12.8
85 62.4 33.0 98.9



#76
1,2,3-Trichloropropane
Concen: 111.809 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 75 Resp: 904817
Ion Ratio Lower Upper
75 100
77 106.8 79.8 239.4

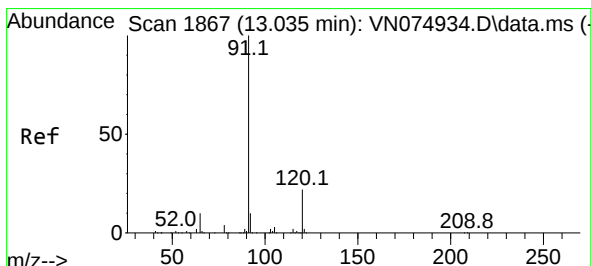
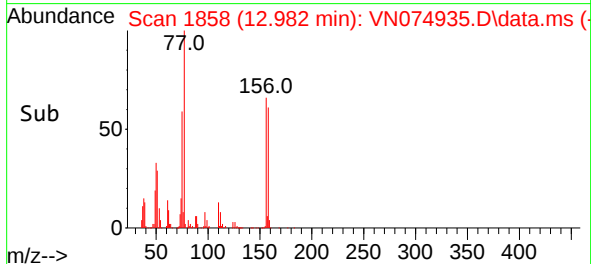
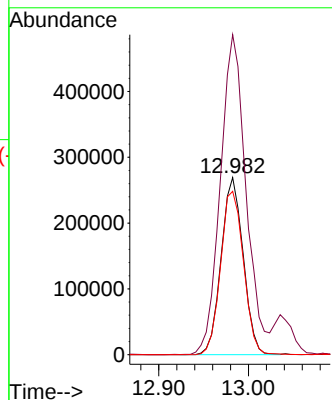
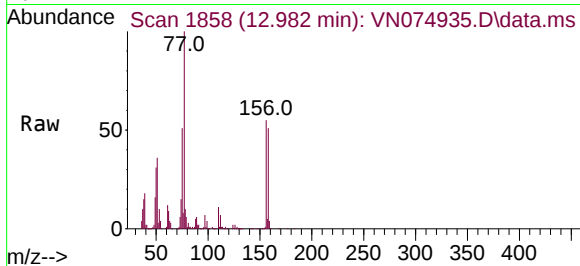




#77
Bromobenzene
Concen: 70.876 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

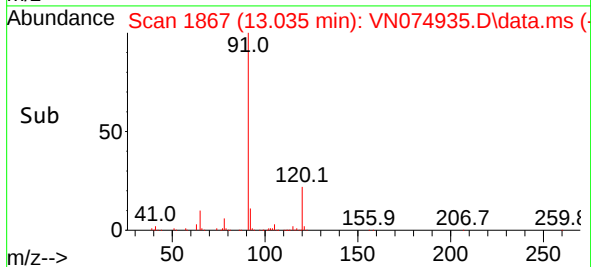
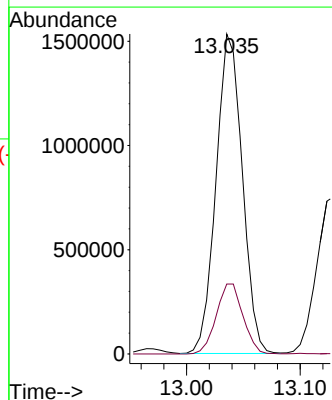
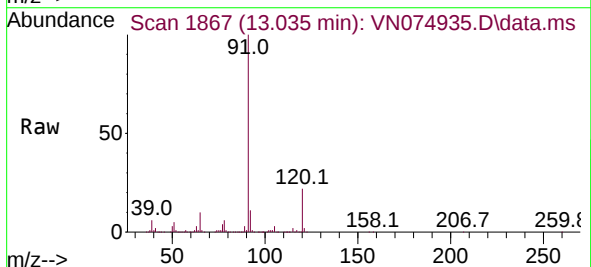
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

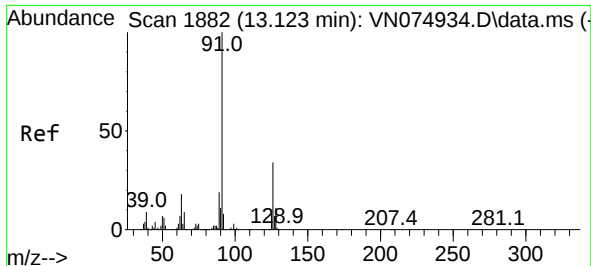
Tgt Ion:156 Resp: 457646
Ion Ratio Lower Upper
156 100
77 211.2 107.8 323.6
158 96.2 48.2 144.6



#78
n-propylbenzene
Concen: 74.630 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 91 Resp: 2463325
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9

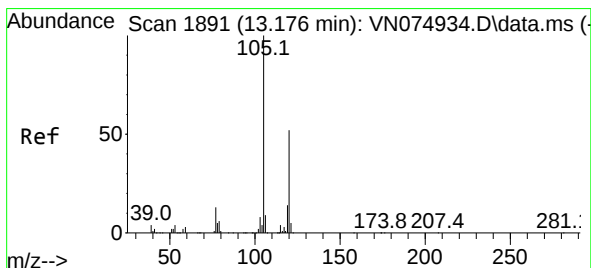
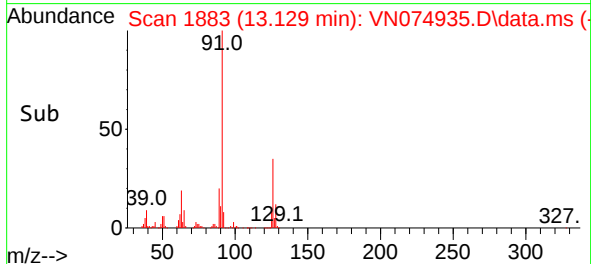
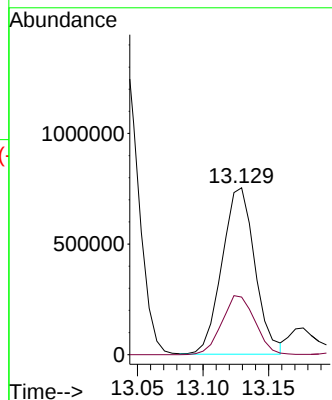
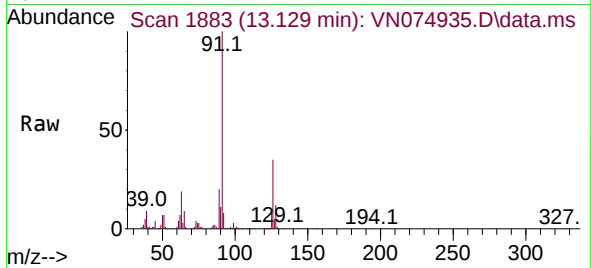




#79
2-Chlorotoluene
Concen: 68.674 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

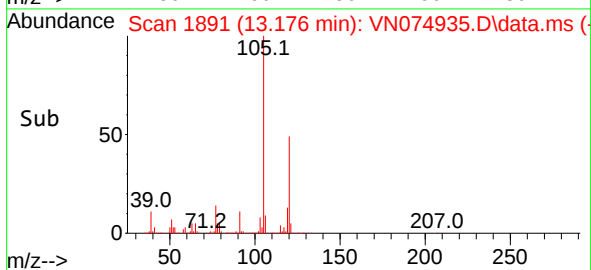
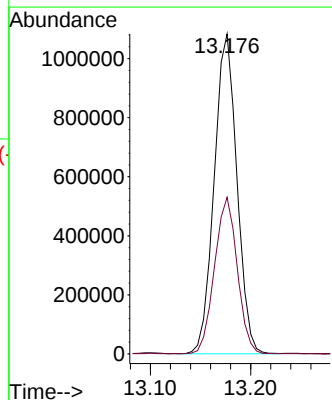
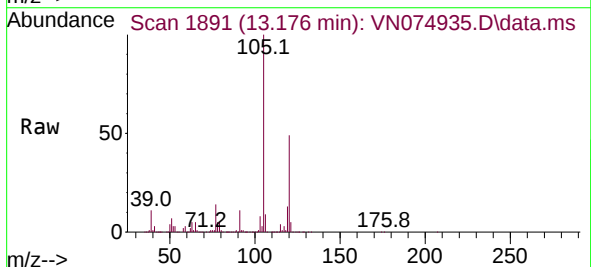
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

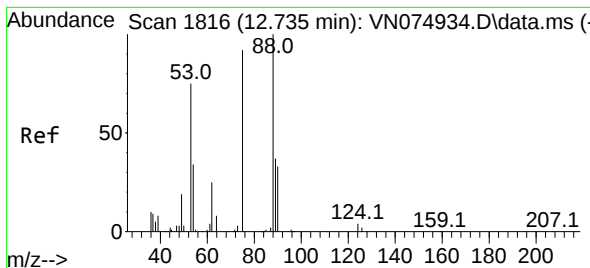
Tgt Ion: 91 Resp: 1312557
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 72.291 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 105 Resp: 1700213
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1

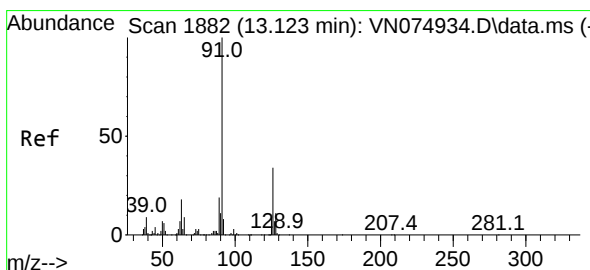
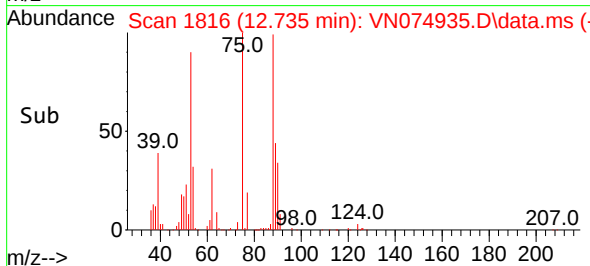
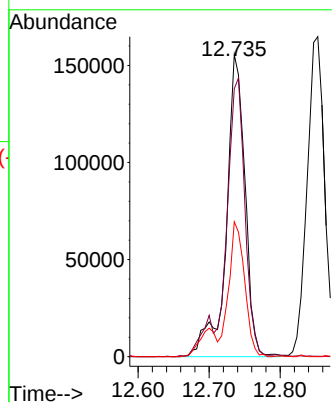
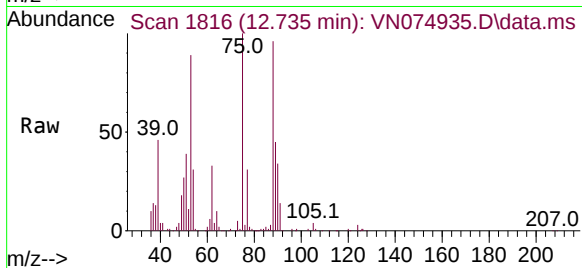




#81
trans-1,4-Dichloro-2-butene
Concen: 90.725 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

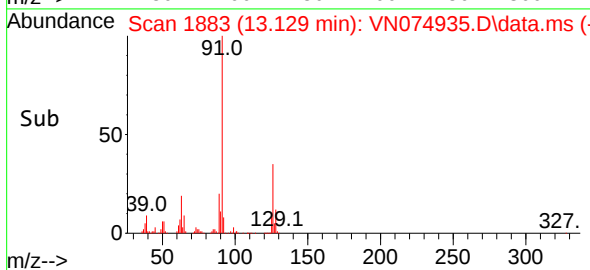
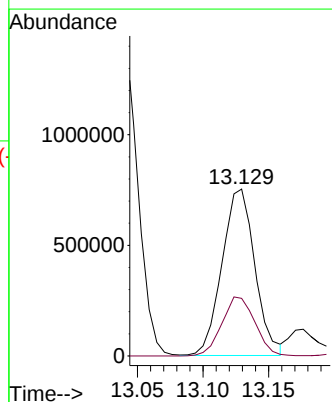
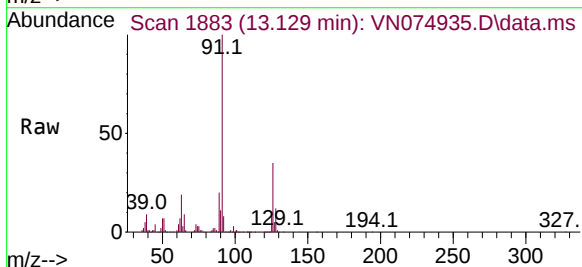
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

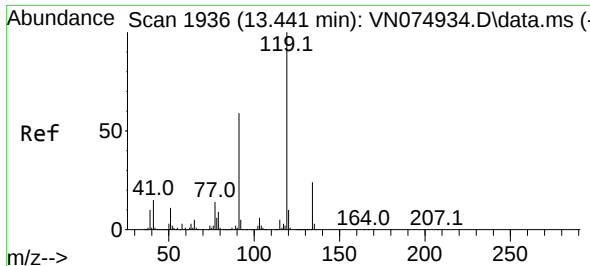
Tgt Ion: 75 Resp: 286960
Ion Ratio Lower Upper
75 100
53 83.7 81.4 122.0
89 37.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 68.674 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 91 Resp: 1312557
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3

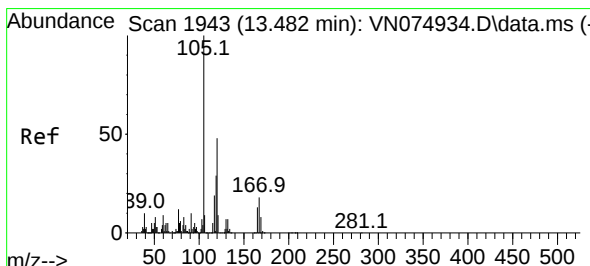
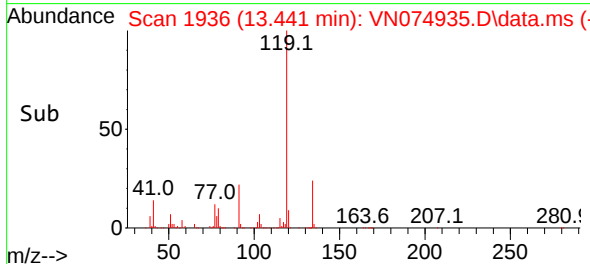
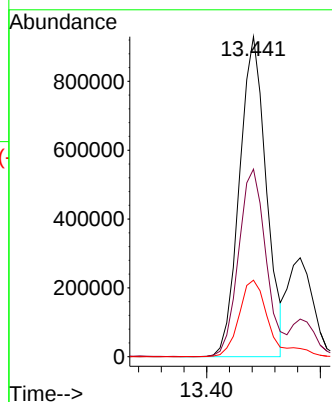
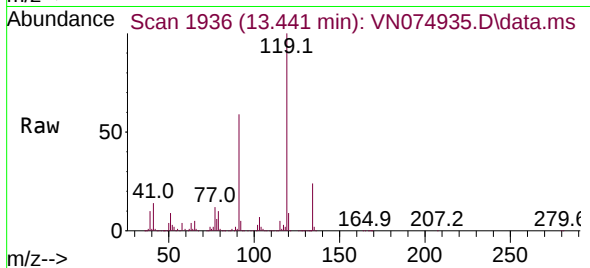




#83
tert-Butylbenzene
Concen: 72.108 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

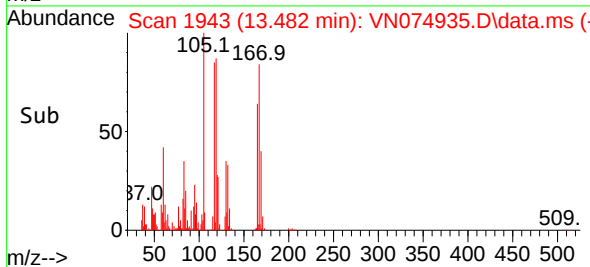
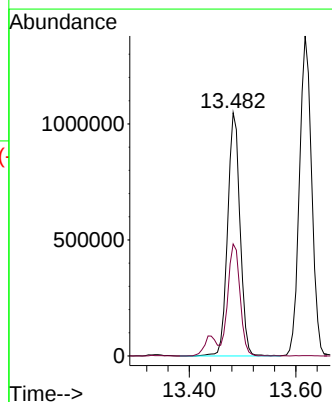
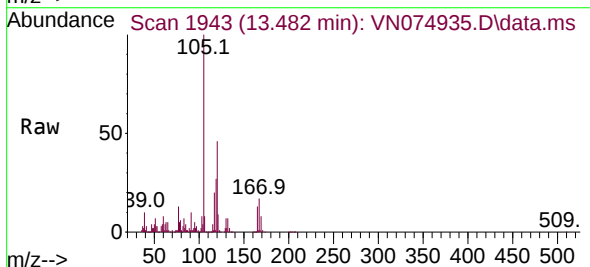
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

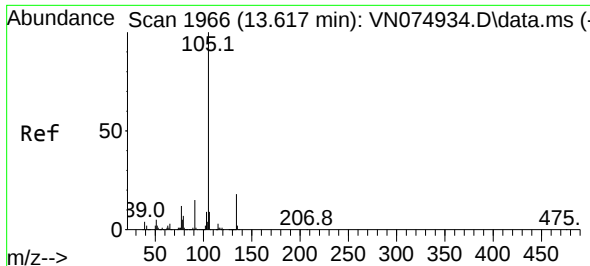
Tgt Ion:119 Resp: 1523725
Ion Ratio Lower Upper
119 100
91 60.7 29.8 89.5
134 26.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 74.978 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion:105 Resp: 1688344
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3

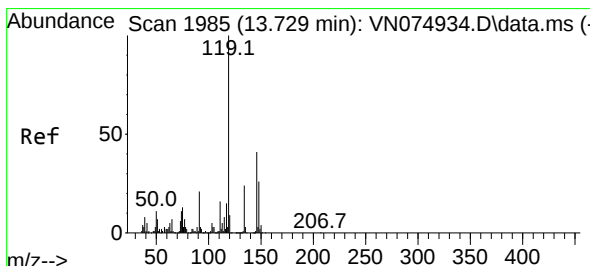
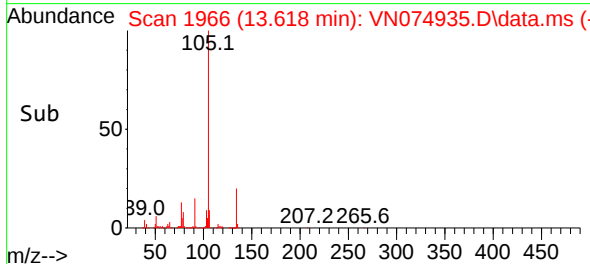
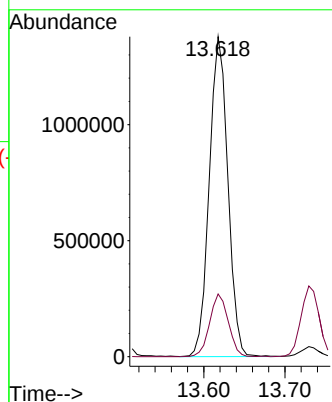
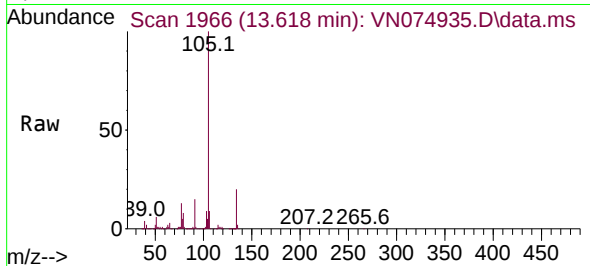




#85
 sec-Butylbenzene
 Concen: 76.616 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074935.D
 Acq: 19 Oct 2022 16:56

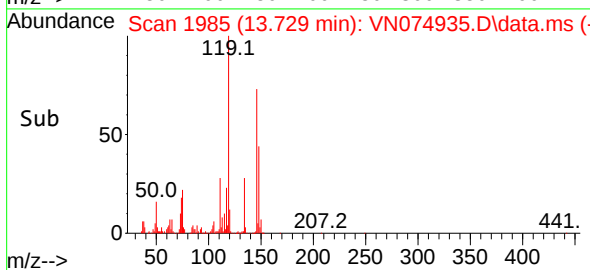
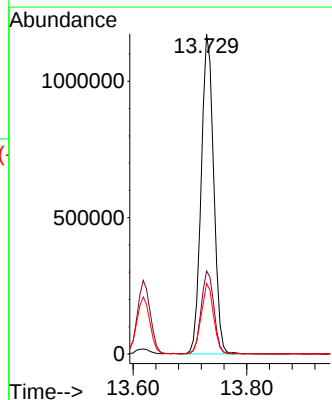
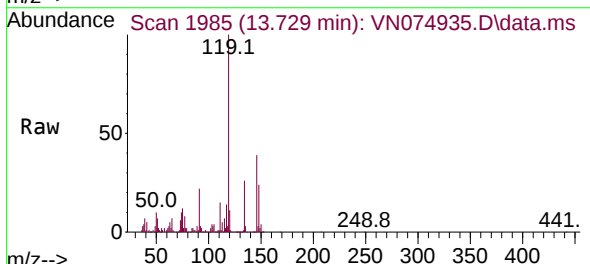
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

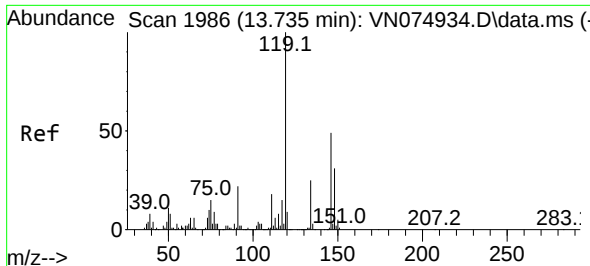
Tgt Ion:105 Resp: 2191451
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 80.946 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074935.D
 Acq: 19 Oct 2022 16:56

Tgt Ion:119 Resp: 1793235
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 21.8 10.5 31.5

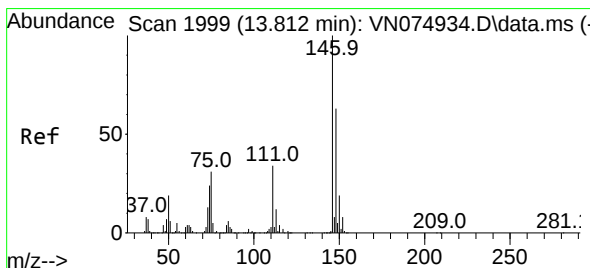
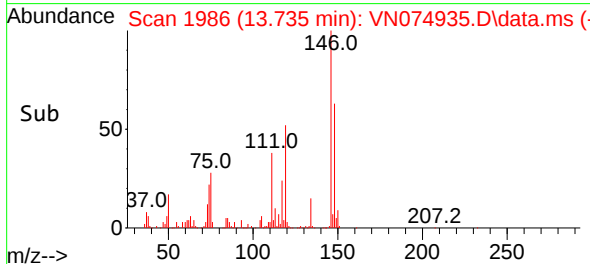
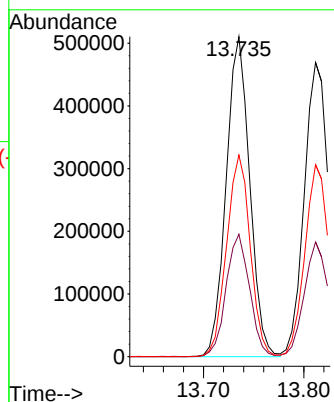
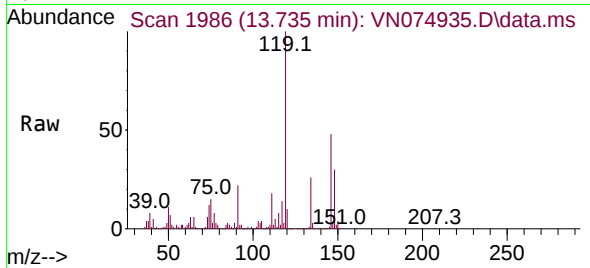




#87
1,3-Dichlorobenzene
Concen: 73.485 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

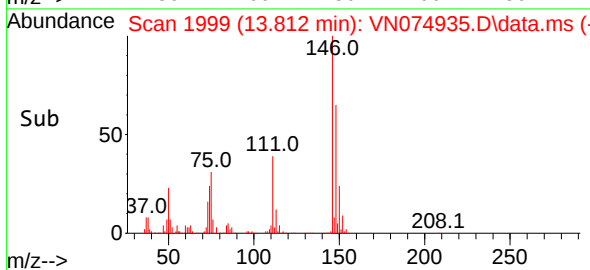
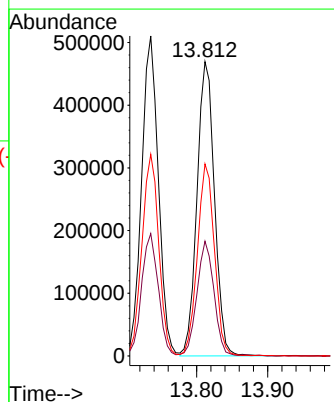
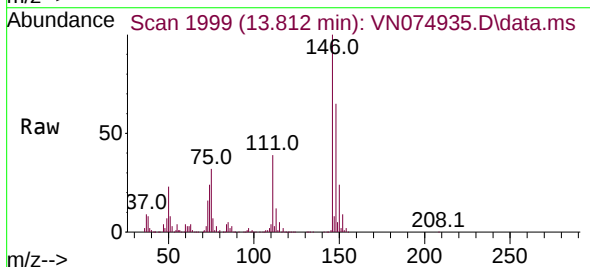
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

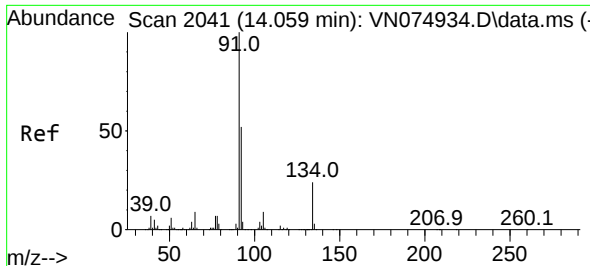
Tgt Ion:146 Resp: 834912
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.5
148 63.2 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 71.715 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion:146 Resp: 804188
Ion Ratio Lower Upper
146 100
111 37.5 18.0 54.0
148 63.4 31.6 95.0

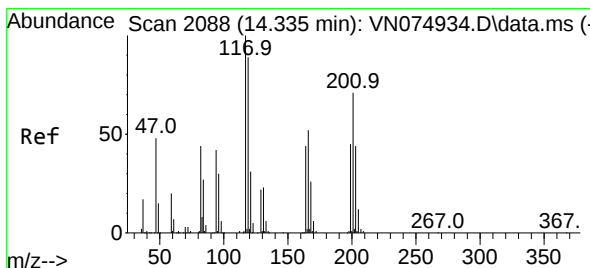
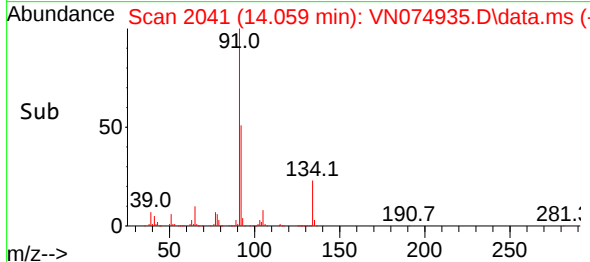
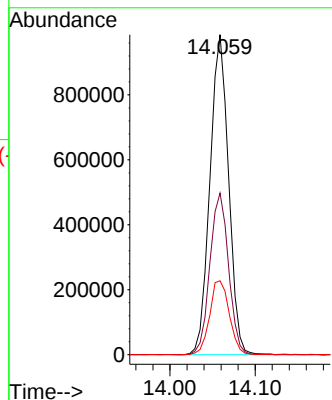
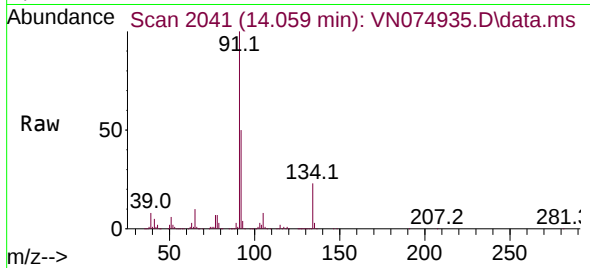




#89
n-Butylbenzene
Concen: 81.559 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

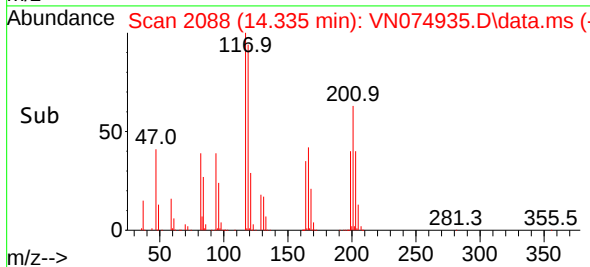
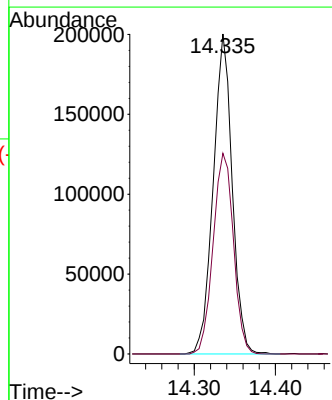
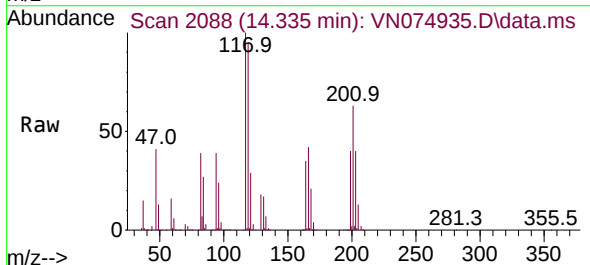
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

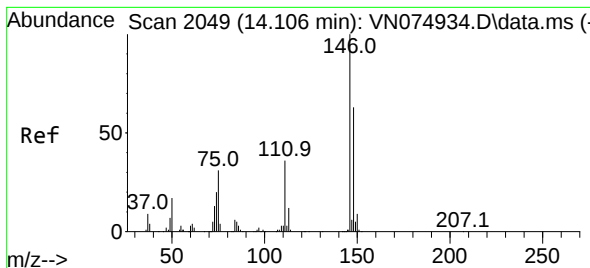
Tgt Ion: 91 Resp: 1496597
Ion Ratio Lower Upper
91 100
92 50.7 25.0 75.0
134 24.5 12.0 36.0



#90
Hexachloroethane
Concen: 66.772 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074935.D
Acq: 19 Oct 2022 16:56

Tgt Ion: 117 Resp: 325217
Ion Ratio Lower Upper
117 100
201 67.0 33.5 100.4





#91

1,2-Dichlorobenzene

Concen: 70.511 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

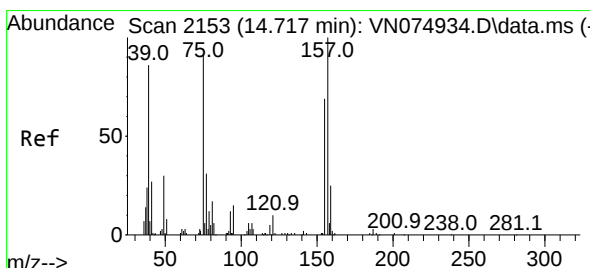
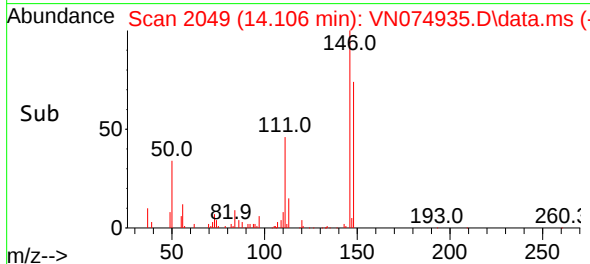
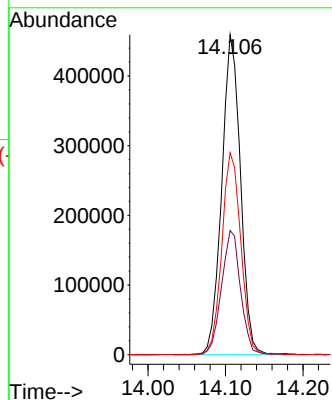
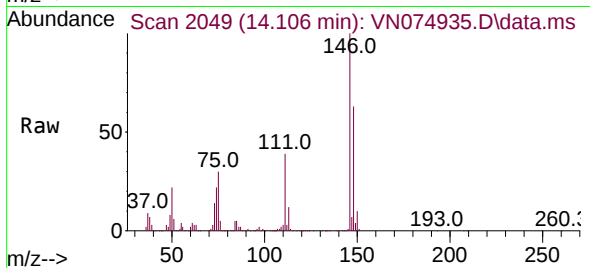
Tgt Ion:146 Resp: 769758

Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.8

148 64.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.853 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

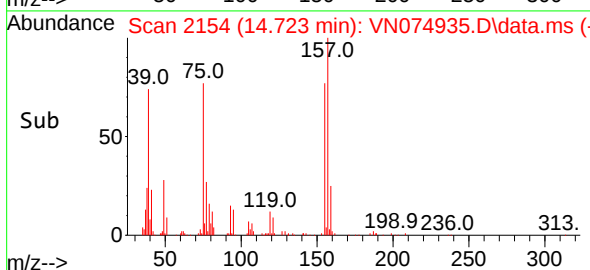
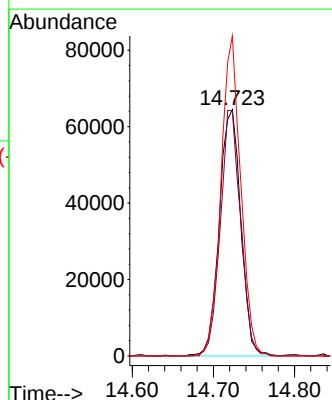
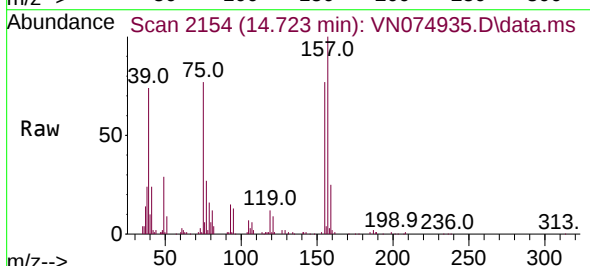
Tgt Ion: 75 Resp: 118166

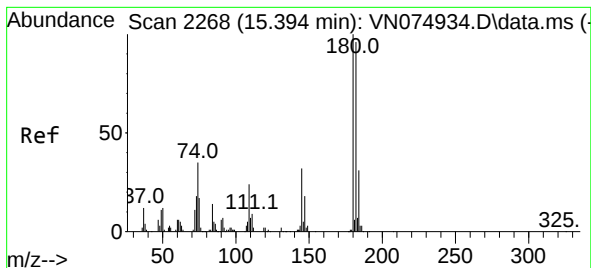
Ion Ratio Lower Upper

75 100

155 94.6 46.6 139.7

157 119.6 59.4 178.2





#93

1,2,4-Trichlorobenzene

Concen: 72.734 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

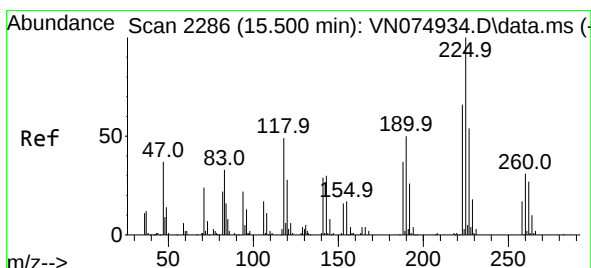
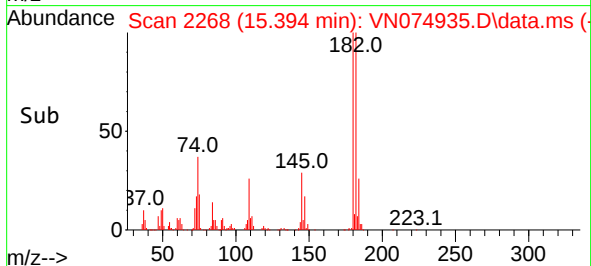
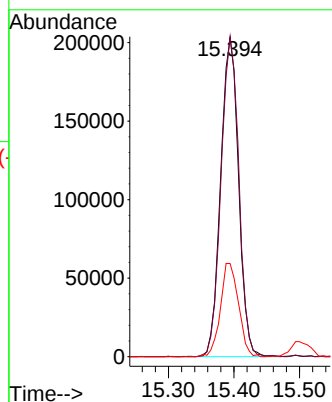
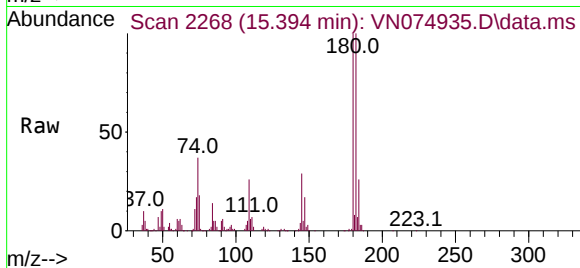
Tgt Ion:180 Resp: 384453

Ion Ratio Lower Upper

180 100

182 99.6 47.9 143.8

145 29.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 60.489 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

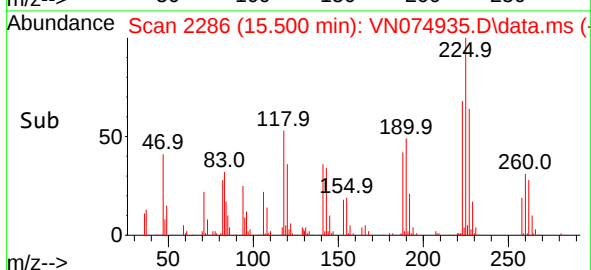
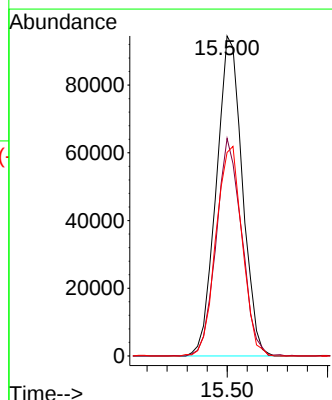
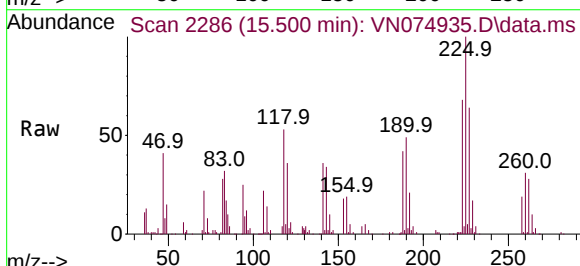
Tgt Ion:225 Resp: 170054

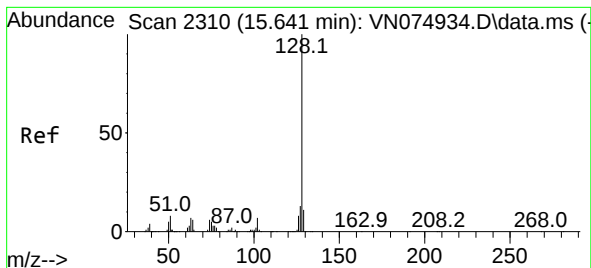
Ion Ratio Lower Upper

225 100

223 66.6 34.3 102.9

227 66.1 31.2 93.6





#95

Naphthalene

Concen: 74.087 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

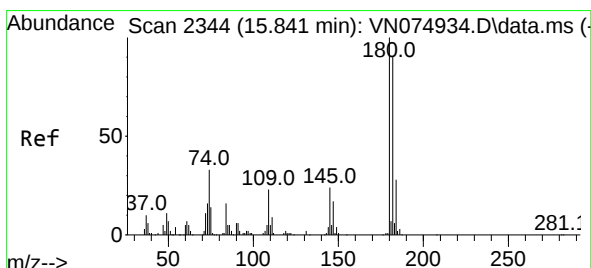
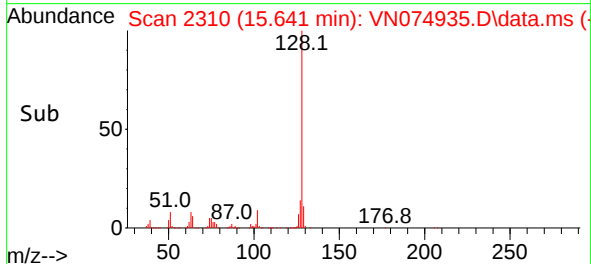
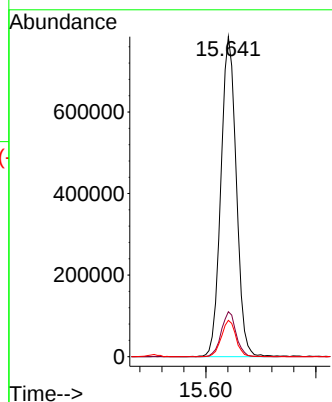
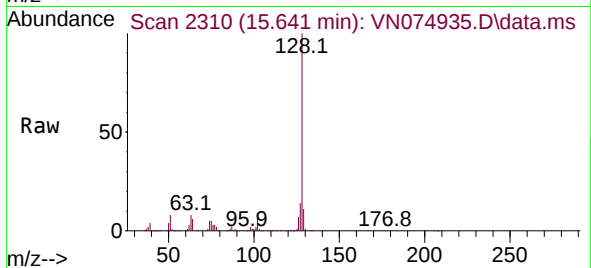
Tgt Ion:128 Resp: 1528275

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 70.364 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN074935.D

Acq: 19 Oct 2022 16:56

Tgt Ion:180 Resp: 406417

Ion Ratio Lower Upper

180 100

182 91.0 46.0 138.0

145 29.5 13.6 40.7

