

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076749.D
 Acq On : 21 Feb 2023 13:48
 Operator : JC\MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04

Quant Time: Feb 22 04:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	274016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	495383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	436648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	173114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202867	53.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	8.172	113	153256	47.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.480%	
50) Toluene-d8	10.571	98	574644	47.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.860%	
62) 4-Bromofluorobenzene	12.854	95	167539	41.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.131	85	1464	0.503	ug/l	80
3) Chloromethane	2.372	50	2438	0.642	ug/l	95
4) Vinyl Chloride	2.531	62	2307	0.617	ug/l	93
5) Bromomethane	2.972	94	2604	1.150	ug/l	87
6) Chloroethane	3.137	64	2190	0.928	ug/l #	70
7) Trichlorofluoromethane	3.507	101	2845	0.560	ug/l	85
8) Diethyl Ether	3.984	74	881	0.450	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	1049	0.351	ug/l #	38
10) Methyl Iodide	4.631	142	1773	0.481	ug/l #	41
11) Tert butyl alcohol	5.560	59	871	1.744	ug/l #	71
12) 1,1-Dichloroethene	4.348	96	891	0.315	ug/l #	63
13) Acrolein	4.201	56	2534	3.379	ug/l #	37
14) Allyl chloride	5.048	41	2790	0.569	ug/l #	89
15) Acrylonitrile	5.754	53	4776	2.695	ug/l #	31
16) Acetone	4.460	43	6689	3.958	ug/l #	79
17) Carbon Disulfide	4.719	76	1947	0.261	ug/l #	73
18) Methyl Acetate	5.048	43	2950	0.535	ug/l #	70
19) Methyl tert-butyl Ether	5.807	73	4299	0.451	ug/l #	81
20) Methylene Chloride	5.278	84	1827	0.516	ug/l #	57
22) Diisopropyl ether	6.683	45	5818	0.506	ug/l #	90
23) Vinyl Acetate	6.619	43	16523	2.430	ug/l #	81
24) 1,1-Dichloroethane	6.589	63	3795	0.602	ug/l #	55
25) 2-Butanone	7.507	43	8370	3.357	ug/l #	75
26) 2,2-Dichloropropane	7.489	77	3701	0.815	ug/l #	73
27) cis-1,2-Dichloroethene	7.483	96	860	0.228	ug/l #	1
29) Tetrahydrofuran	7.842	42	1939	1.190	ug/l #	80
30) Chloroform	7.978	83	4241	0.674	ug/l	91
31) Cyclohexane	8.225	56	10832	1.825	ug/l #	59
32) 1,1,1-Trichloroethane	8.154	97	1070	0.202	ug/l #	23
36) 1,1-Dichloropropene	8.377	75	2863	0.611	ug/l	96
37) Ethyl Acetate	7.578	43	2258	0.458	ug/l #	85
38) Carbon Tetrachloride	8.377	117	3342	0.707	ug/l #	95
39) Methylcyclohexane	9.601	83	2826	0.530	ug/l #	87
40) Benzene	8.607	78	7511	0.522	ug/l #	70
41) Methacrylonitrile	7.801	41	1526	0.534	ug/l #	55
42) 1,2-Dichloroethane	8.677	62	3643	0.726	ug/l	86

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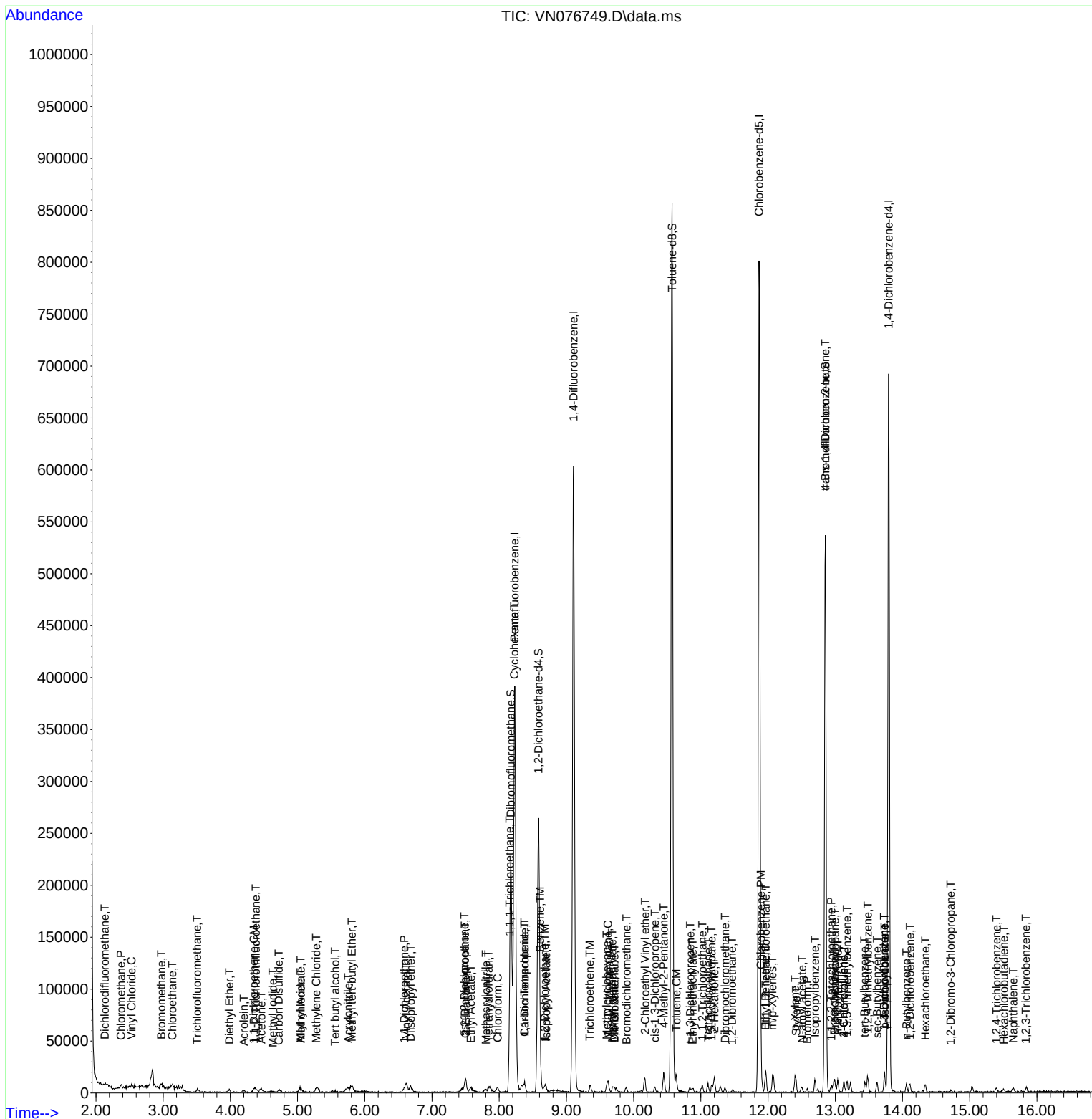
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

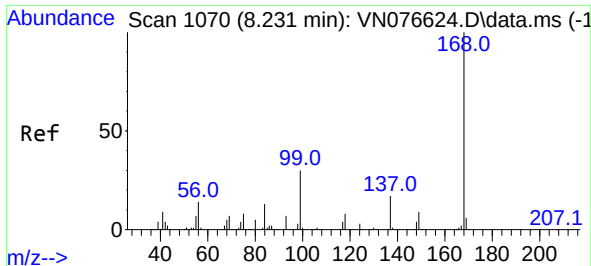
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.695	43	4356	0.543	ug/l #	91
44) Trichloroethene	9.348	130	2128	0.626	ug/l	86
45) 1,2-Dichloropropane	9.619	63	2781	0.730	ug/l #	68
46) Dibromomethane	9.713	93	1499	0.615	ug/l #	72
47) Bromodichloromethane	9.895	83	2867	0.587	ug/l #	51
48) Methyl methacrylate	9.683	41	2198	0.577	ug/l	91
49) 1,4-Dioxane	9.713	88	616	9.351	ug/l #	60
51) 4-Methyl-2-Pentanone	10.448	43	11522	2.257	ug/l	90
52) Toluene	10.636	92	5758	0.663	ug/l	89
53) t-1,3-Dichloropropene	10.842	75	2031	0.431	ug/l	96
54) cis-1,3-Dichloropropene	10.319	75	2429	0.447	ug/l	90
55) 1,1,2-Trichloroethane	11.024	97	1800	0.509	ug/l #	85
56) Ethyl methacrylate	10.877	69	2445	0.492	ug/l #	92
57) 1,3-Dichloropropane	11.160	76	3965	0.653	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.171	63	5656	2.483	ug/l	95
59) 2-Hexanone	11.201	43	8827	2.398	ug/l	99
60) Dibromochloromethane	11.360	129	2069	0.556	ug/l	99
61) 1,2-Dibromoethane	11.466	107	1521	0.430	ug/l	81
64) Tetrachloroethene	11.113	164	2015	0.732	ug/l #	48
65) Chlorobenzene	11.895	112	6513	0.704	ug/l #	62
66) 1,1,1,2-Tetrachloroethane	11.965	131	1836	0.546	ug/l #	58
67) Ethyl Benzene	11.960	91	8458	0.536	ug/l #	71
68) m/p-Xylenes	12.065	106	5588	0.920	ug/l	98
69) o-Xylene	12.401	106	2717	0.458	ug/l	98
70) Styrene	12.418	104	3817	0.398	ug/l #	74
71) Bromoform	12.583	173	1195	0.485	ug/l #	87
73) Isopropylbenzene	12.701	105	6762	0.533	ug/l	99
74) N-amyl acetate	12.507	43	2732	0.478	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.942	83	3295	0.717	ug/l	80
76) 1,2,3-Trichloropropane	12.995	75	3790	1.083	ug/l	63
77) Bromobenzene	12.989	156	2092	0.661	ug/l	79
78) n-propylbenzene	13.036	91	8756	0.588	ug/l #	73
79) 2-Chlorotoluene	13.124	91	6058	0.664	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	5387	0.514	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.854	75	93575	77.872	ug/l #	4
82) 4-Chlorotoluene	13.124	91	6058	0.664	ug/l	97
83) tert-Butylbenzene	13.436	119	5219	0.550	ug/l	82
84) 1,2,4-Trimethylbenzene	13.483	105	4458	0.427	ug/l #	65
85) sec-Butylbenzene	13.624	105	6120	0.462	ug/l	94
86) p-Isopropyltoluene	13.736	119	4339	0.410	ug/l	85
87) 1,3-Dichlorobenzene	13.730	146	3822	0.639	ug/l	95
88) 1,4-Dichlorobenzene	13.730	146	3822	0.641	ug/l	93
89) n-Butylbenzene	14.059	91	4936	0.537	ug/l	96
90) Hexachloroethane	14.342	117	1587	0.717	ug/l	63
91) 1,2-Dichlorobenzene	14.112	146	3028	0.494	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.718	75	641	0.720	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.401	180	1536	0.502	ug/l	92
94) Hexachlorobutadiene	15.506	225	1011	0.674	ug/l #	65
95) Naphthalene	15.648	128	2958	0.319	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.836	180	1365	0.460	ug/l #	68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
MDL04

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QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

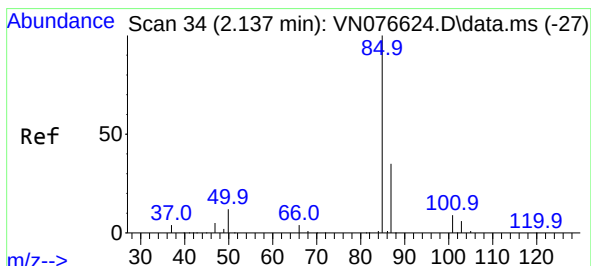
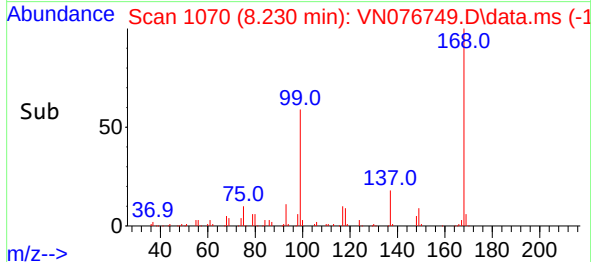
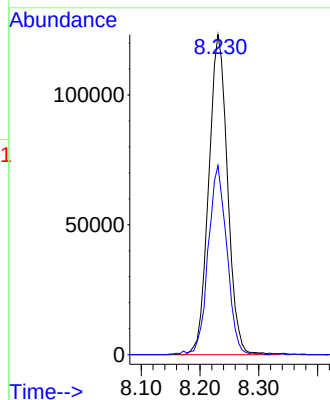
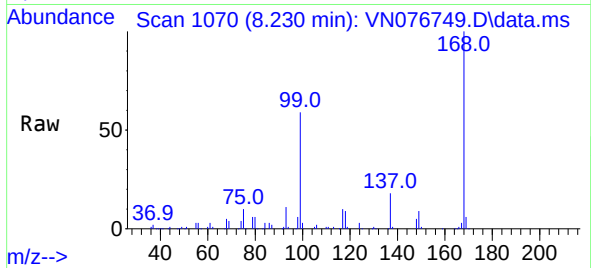




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
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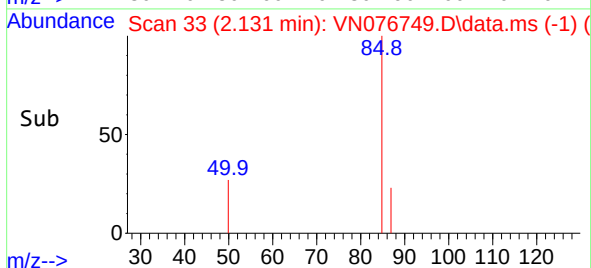
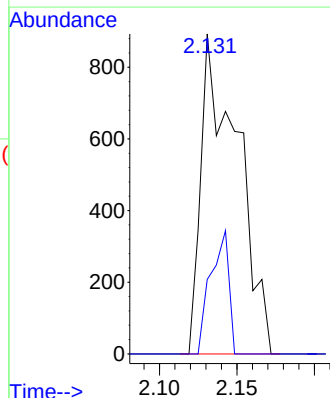
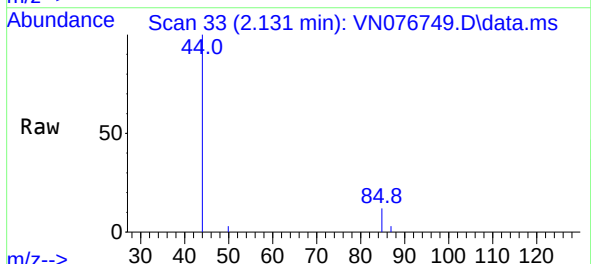
Instrument :
MSVOA_N
ClientSampleId :
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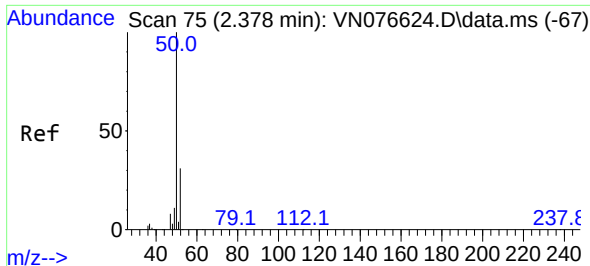
Tgt Ion:168 Resp: 274016
Ion Ratio Lower Upper
168 100
99 58.8 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 0.503 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 85 Resp: 1464
Ion Ratio Lower Upper
85 100
87 23.3 17.4 52.2

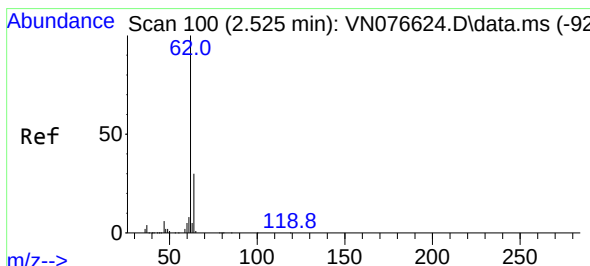
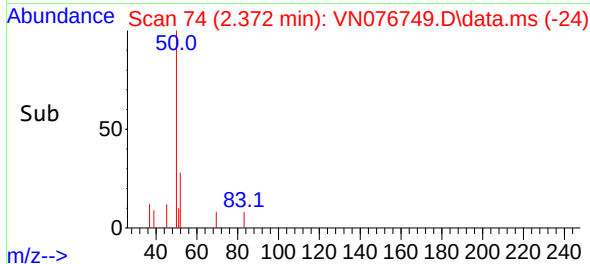
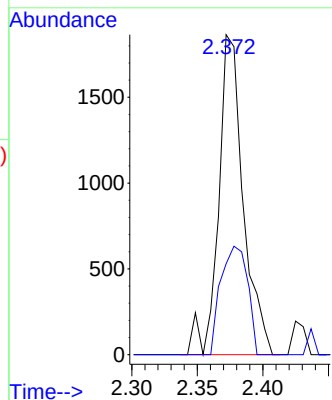
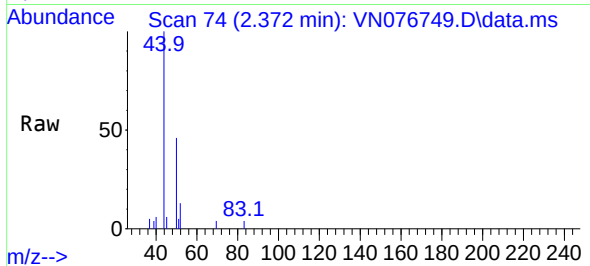




#3
Chloromethane
Concen: 0.642 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

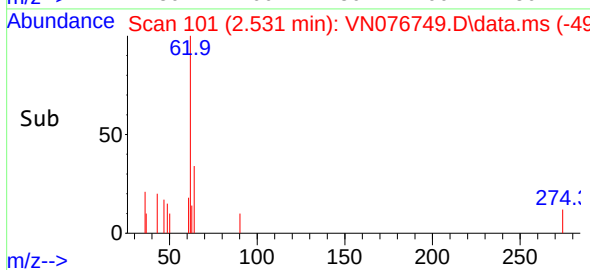
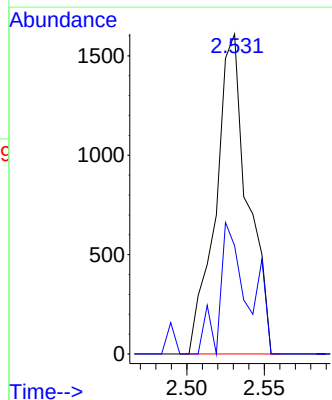
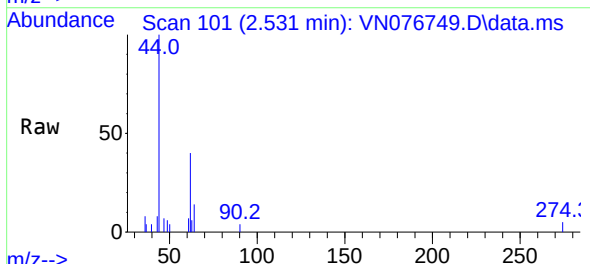
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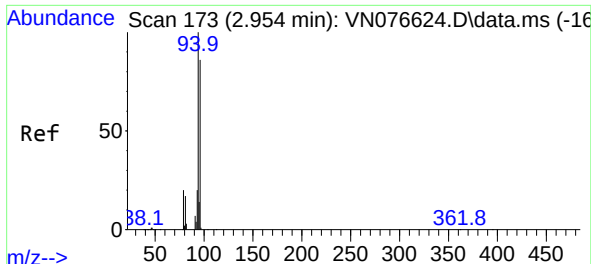
Tgt Ion: 50 Resp: 2438
Ion Ratio Lower Upper
50 100
52 28.4 24.7 37.1



#4
Vinyl Chloride
Concen: 0.617 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 62 Resp: 2307
Ion Ratio Lower Upper
62 100
64 33.8 23.9 35.9

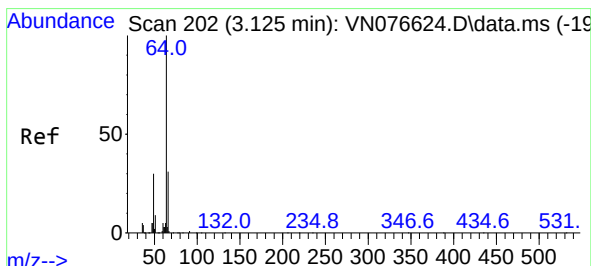
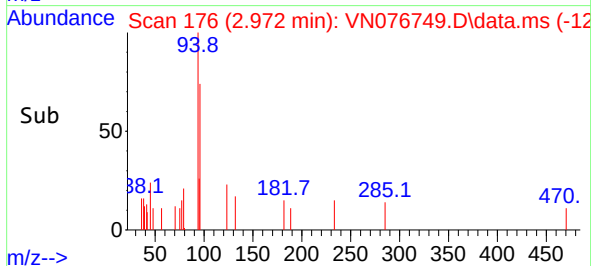
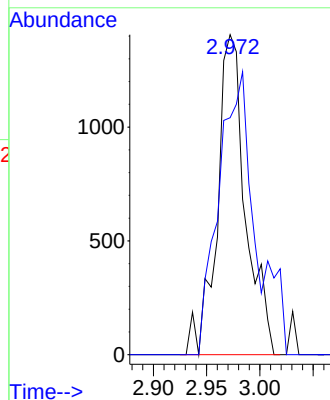
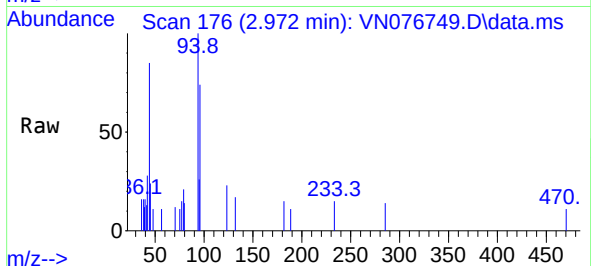




#5
Bromomethane
Concen: 1.150 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

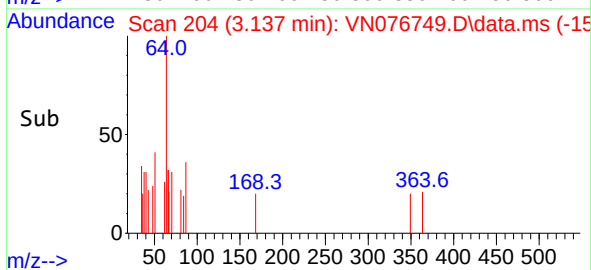
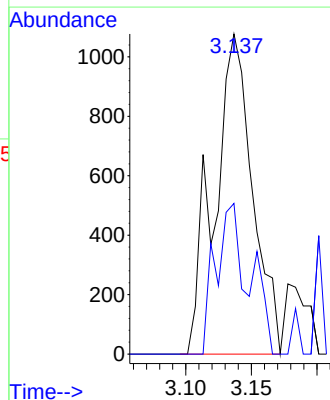
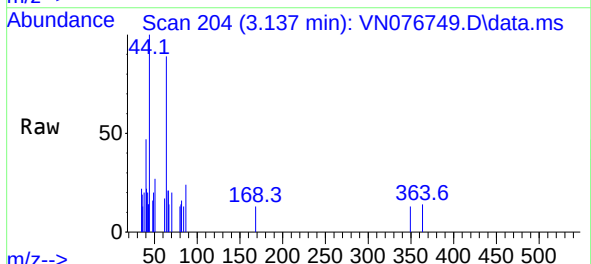
Instrument :
MSVOA_N
ClientSampleId :
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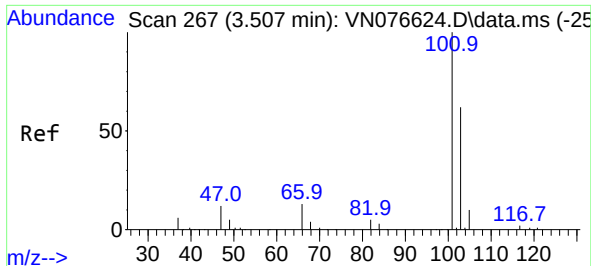
Tgt Ion: 94 Resp: 2604
Ion Ratio Lower Upper
94 100
96 74.0 69.0 103.4



#6
Chloroethane
Concen: 0.928 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 64 Resp: 2190
Ion Ratio Lower Upper
64 100
66 47.1 24.6 37.0#

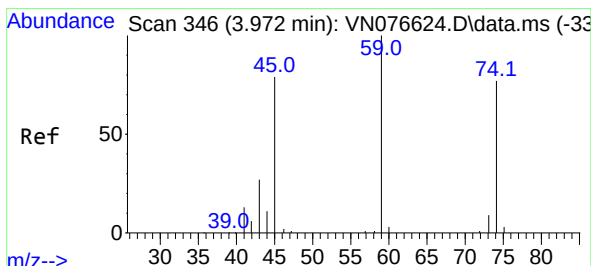
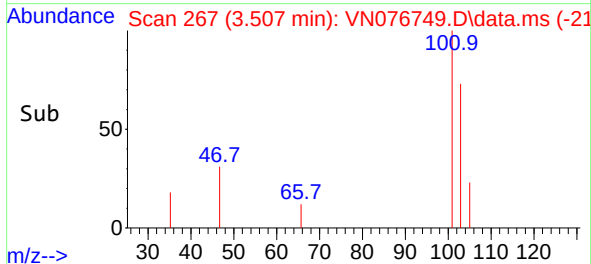
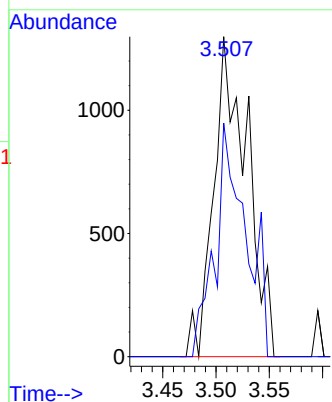
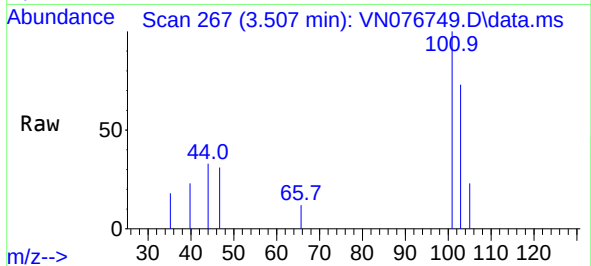




#7
 Trichlorofluoromethane
 Concen: 0.560 ug/l
 RT: 3.507 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN076749.D
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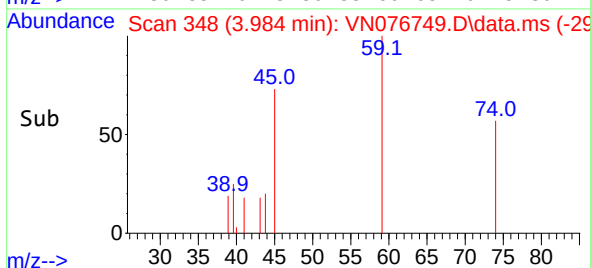
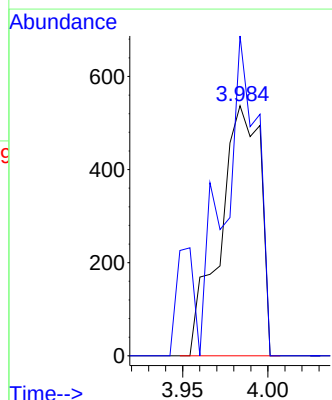
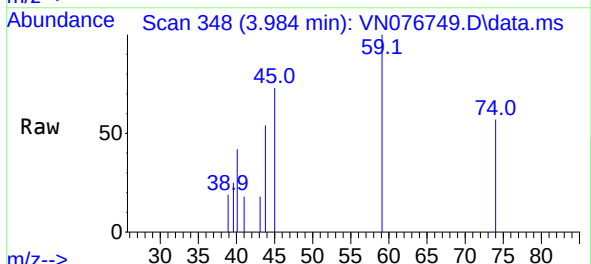
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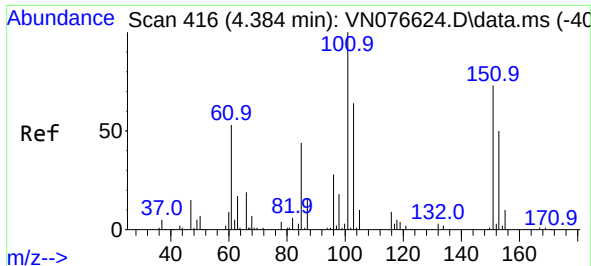
Tgt Ion:101 Resp: 2845
 Ion Ratio Lower Upper
 101 100
 103 73.0 49.4 74.2



#8
 Diethyl Ether
 Concen: 0.450 ug/l
 RT: 3.984 min Scan# 348
 Delta R.T. 0.012 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

Tgt Ion: 74 Resp: 881
 Ion Ratio Lower Upper
 74 100
 45 105.7 51.3 153.9

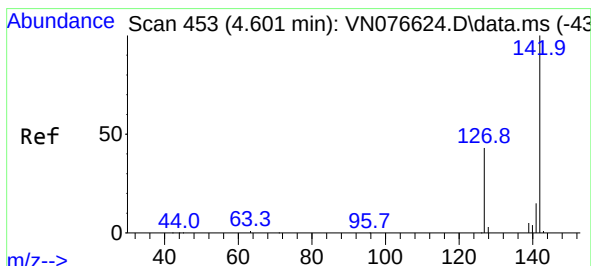
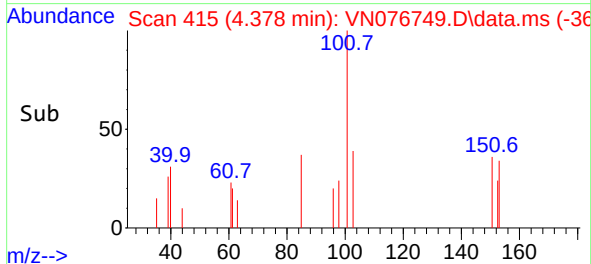
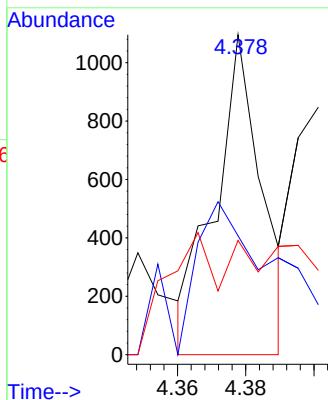
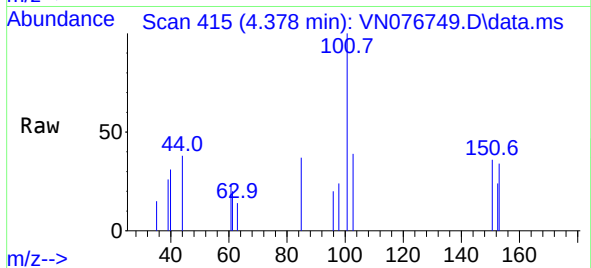




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.351 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

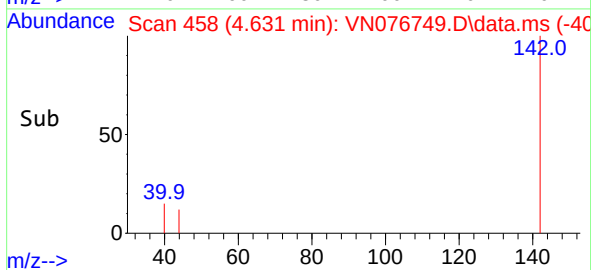
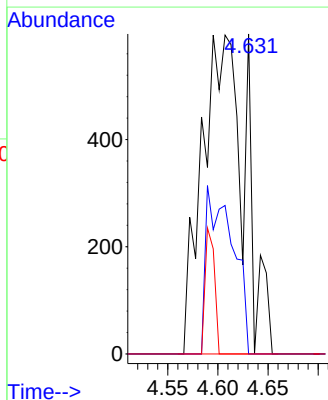
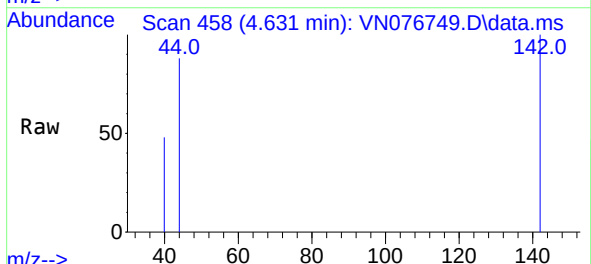
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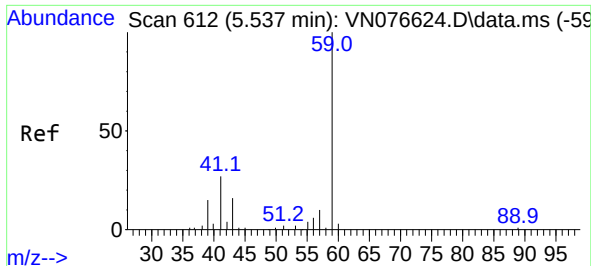
Tgt Ion:101 Resp: 1049
Ion Ratio Lower Upper
101 100
85 110.9 37.4 56.0#
151 39.6 58.7 88.1#



#10
Methyl Iodide
Concen: 0.481 ug/l
RT: 4.631 min Scan# 458
Delta R.T. 0.030 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:142 Resp: 1773
Ion Ratio Lower Upper
142 100
127 0.0 34.6 51.8#
141 0.0 11.7 17.5#

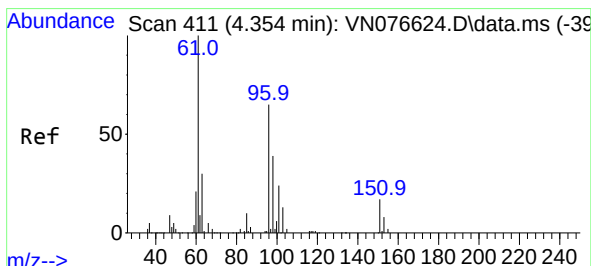
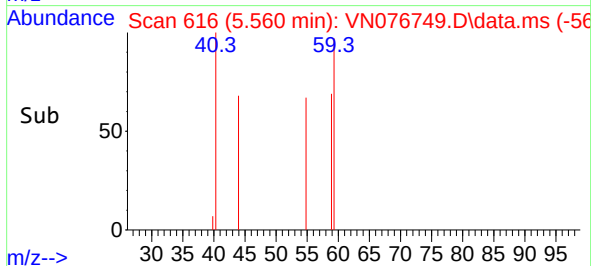
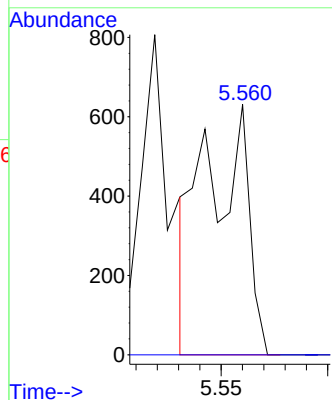
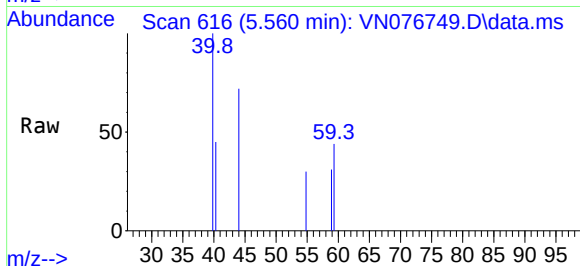




#11
Tert butyl alcohol
Concen: 1.744 ug/l
RT: 5.560 min Scan# 612
Delta R.T. 0.023 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

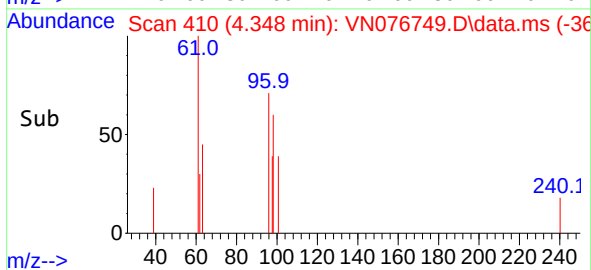
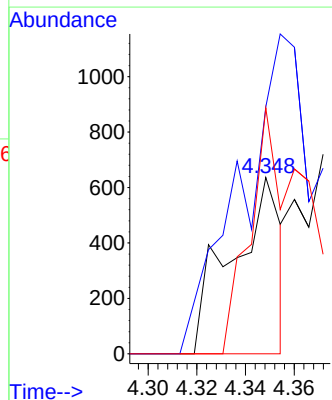
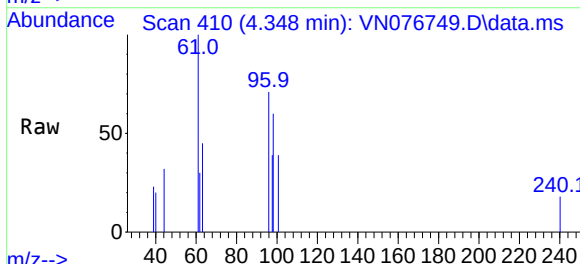
Instrument :
MSVOA_N
ClientSampleId :
MDL04

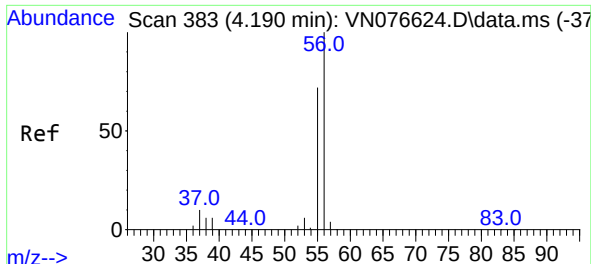
Tgt Ion: 59 Resp: 871
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.315 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 96 Resp: 891
Ion Ratio Lower Upper
96 100
61 140.1 123.8 185.6
98 139.5 48.4 72.6#

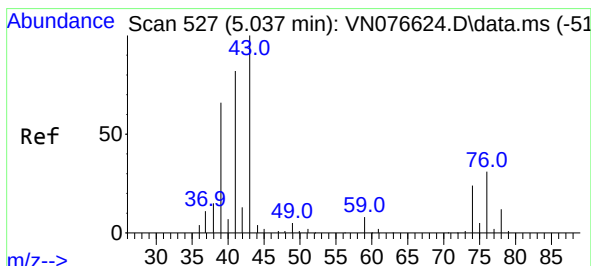
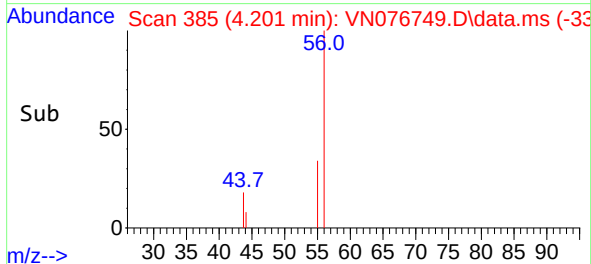
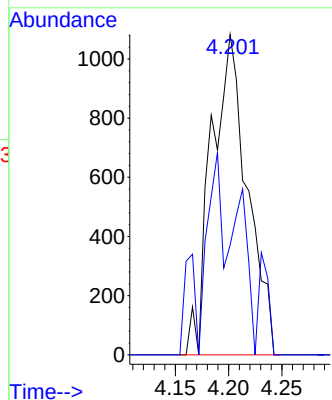
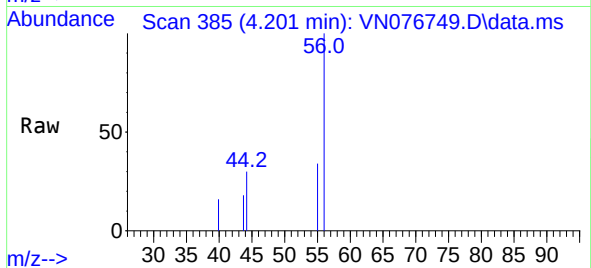




#13
Acrolein
Concen: 3.379 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

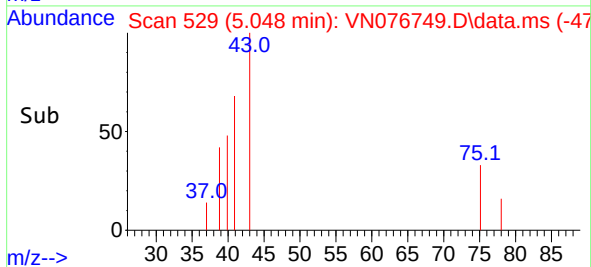
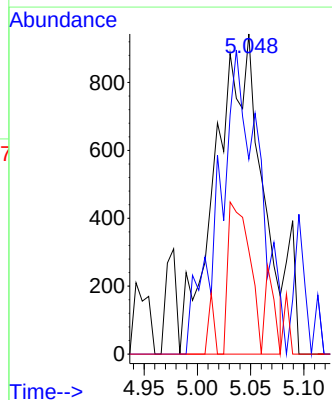
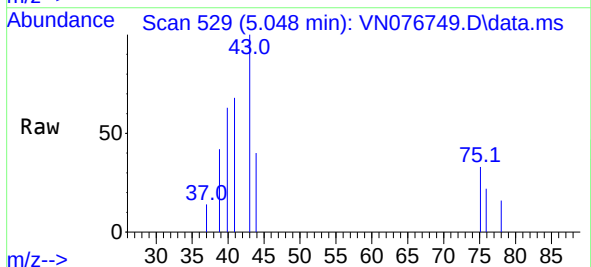
Instrument :
MSVOA_N
ClientSampleId :
MDL04

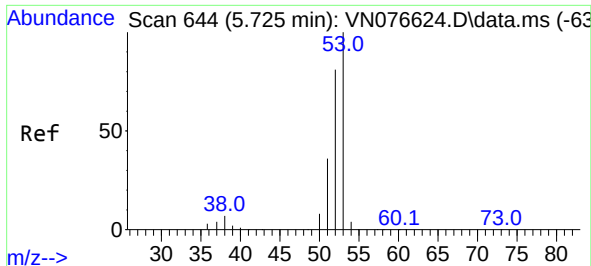
Tgt Ion: 56 Resp: 2534
Ion Ratio Lower Upper
56 100
55 18.7 56.3 84.5#



#14
Allyl chloride
Concen: 0.569 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 41 Resp: 2790
Ion Ratio Lower Upper
41 100
39 85.4 62.3 93.5
76 24.7 27.0 40.6#

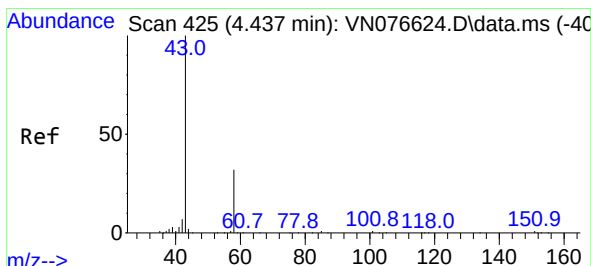
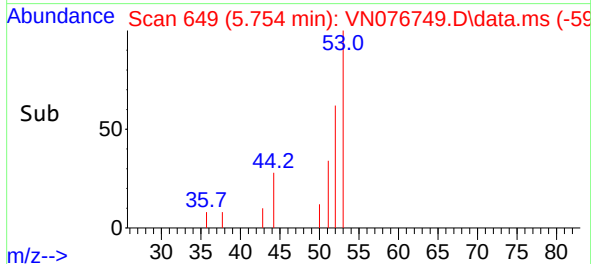
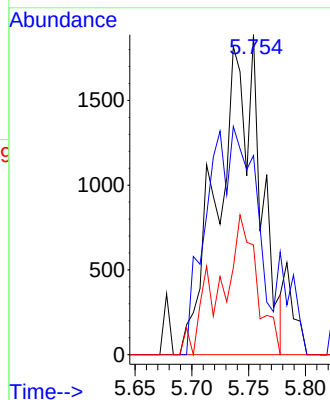
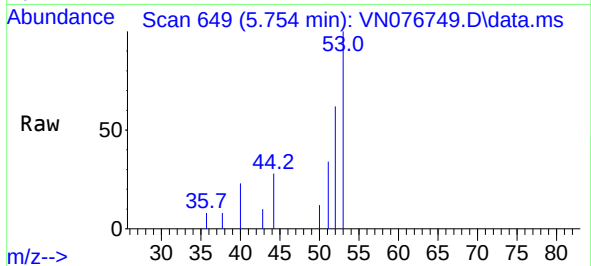




#15
Acrylonitrile
Concen: 2.695 ug/l
RT: 5.754 min Scan# 649
Delta R.T. 0.029 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

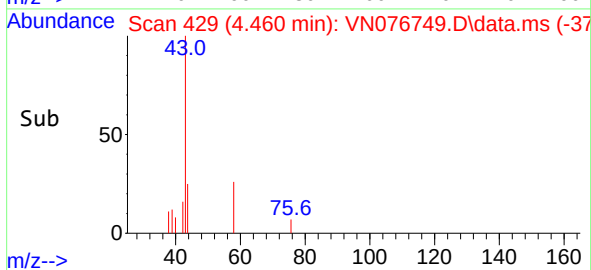
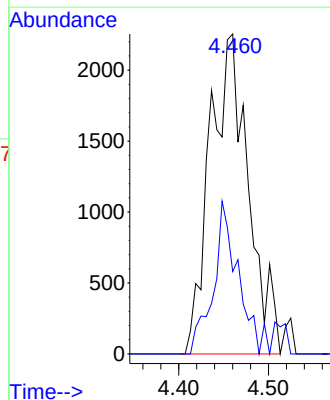
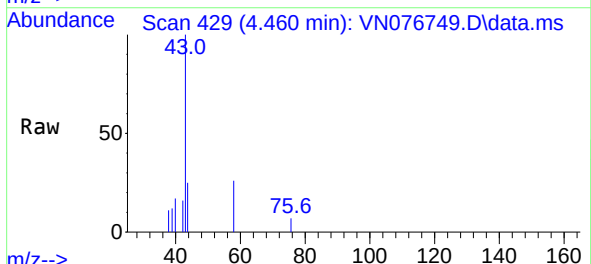
Instrument :
MSVOA_N
ClientSampleId :
MDL04

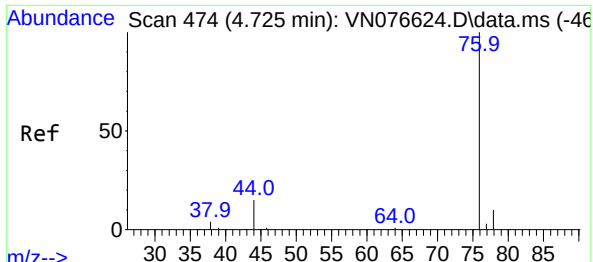
Tgt Ion: 53 Resp: 4776
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 24.5 29.2 43.8#



#16
Acetone
Concen: 3.958 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 43 Resp: 6689
Ion Ratio Lower Upper
43 100
58 20.6 25.9 38.9#





#17

Carbon Disulfide

Concen: 0.261 ug/l

RT: 4.719 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

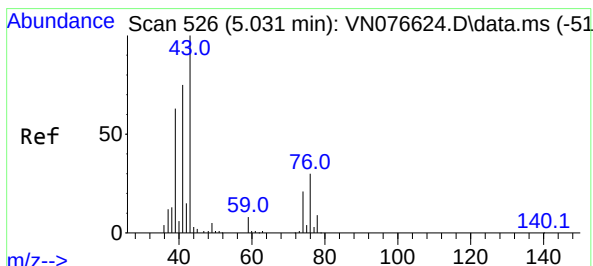
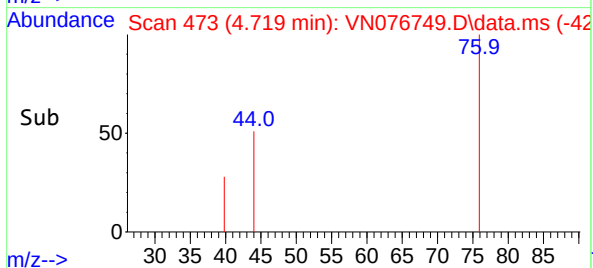
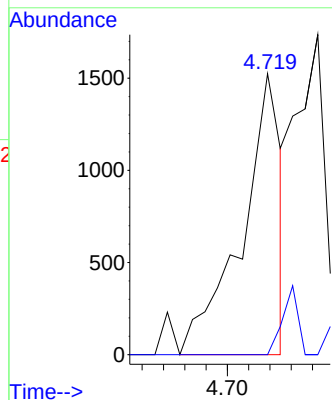
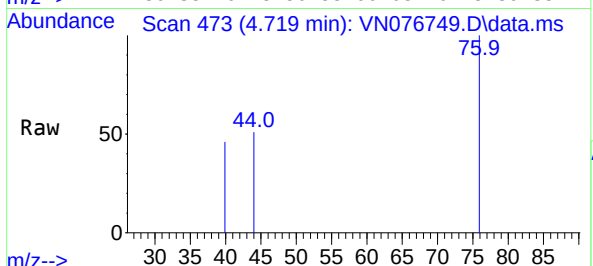
MDL04

Tgt Ion: 76 Resp: 1947

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#



#18

Methyl Acetate

Concen: 0.535 ug/l

RT: 5.048 min Scan# 529

Delta R.T. 0.017 min

Lab File: VN076749.D

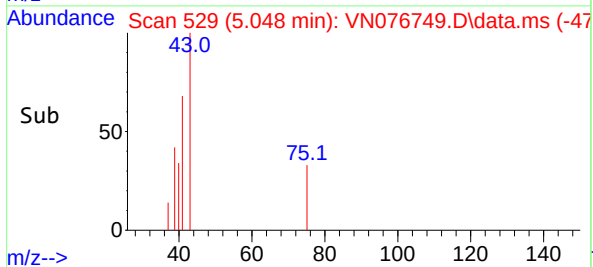
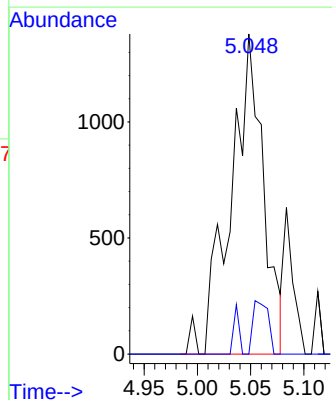
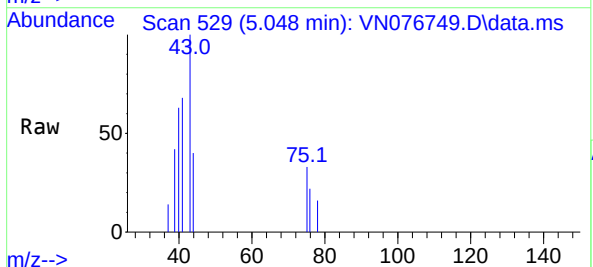
Acq: 21 Feb 2023 13:48

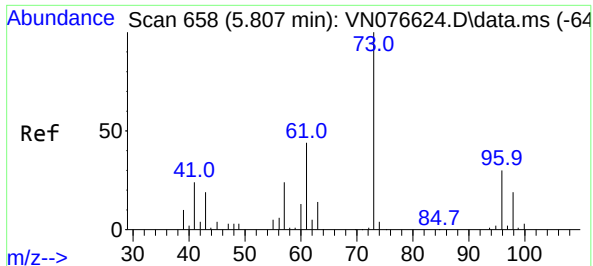
Tgt Ion: 43 Resp: 2950

Ion Ratio Lower Upper

43 100

74 7.7 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 0.451 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

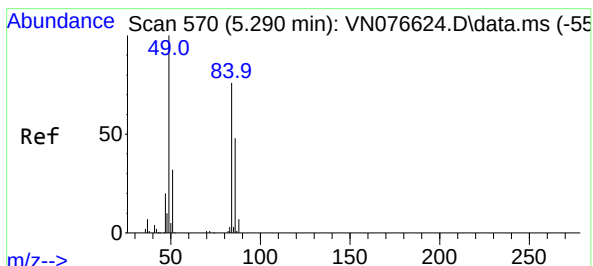
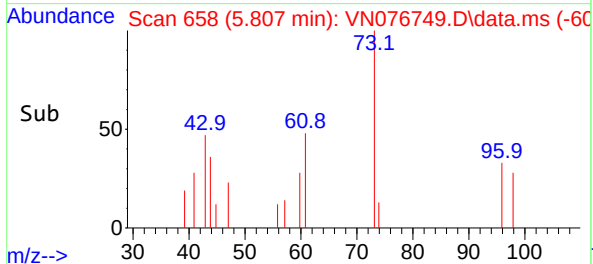
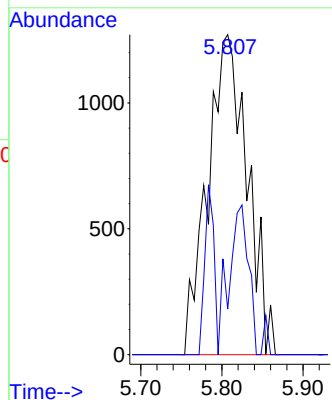
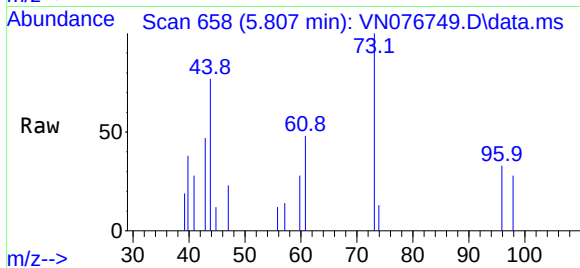
MDL04

Tgt Ion: 73 Resp: 4299

Ion Ratio Lower Upper

73 100

57 14.2 19.0 28.4#



#20

Methylene Chloride

Concen: 0.516 ug/l

RT: 5.278 min Scan# 568

Delta R.T. -0.012 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Tgt Ion: 84 Resp: 1827

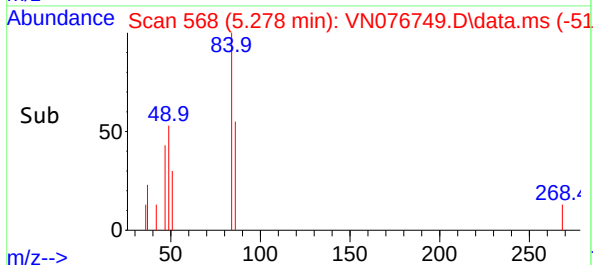
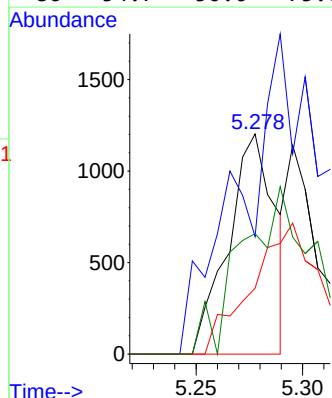
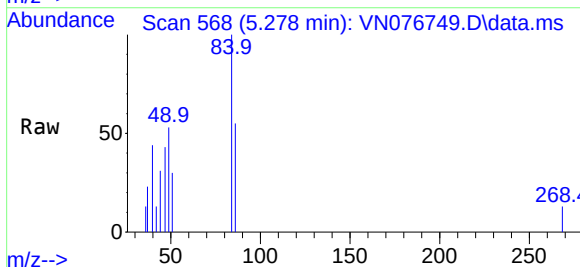
Ion Ratio Lower Upper

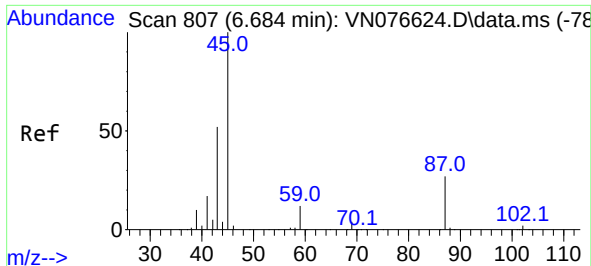
84 100

49 53.4 104.9 157.3#

51 29.9 33.8 50.8#

86 54.7 50.0 75.0

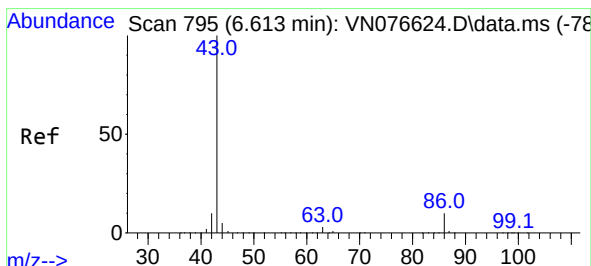
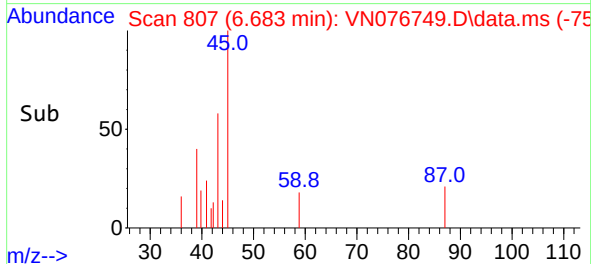
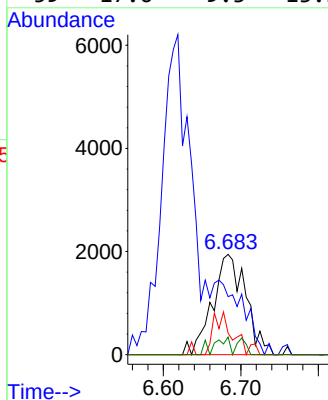
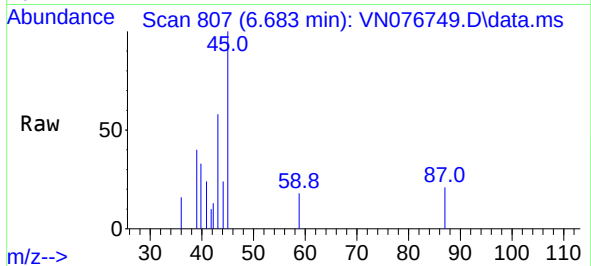




#22
Diisopropyl ether
Concen: 0.506 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

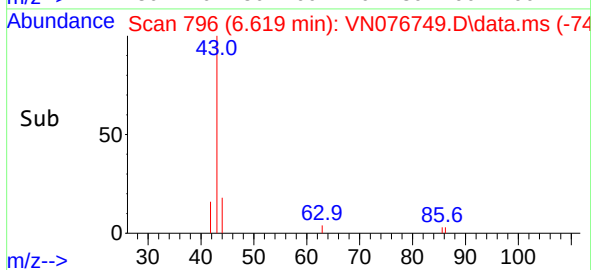
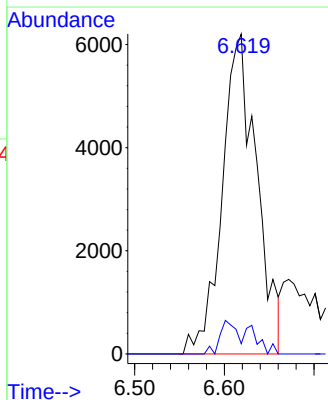
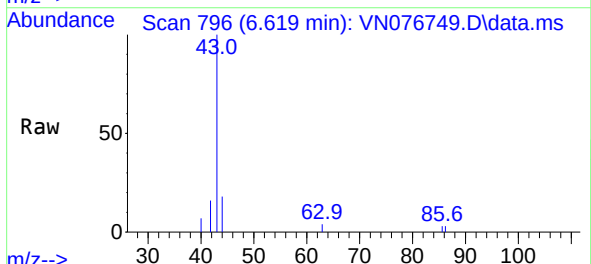
Instrument :
MSVOA_N
ClientSampleId :
MDL04

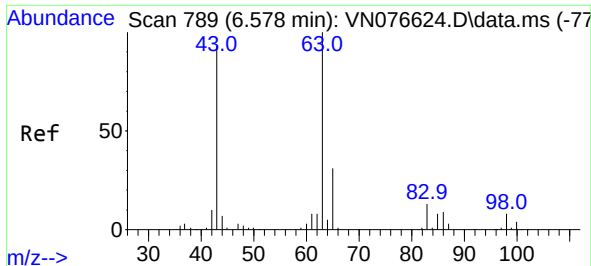
Tgt Ion: 45 Resp: 5818
Ion Ratio Lower Upper
45 100
43 57.8 41.8 62.6
87 21.3 21.8 32.8#
59 17.6 9.3 13.9#



#23
Vinyl Acetate
Concen: 2.430 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 43 Resp: 16523
Ion Ratio Lower Upper
43 100
86 3.2 8.2 12.2#

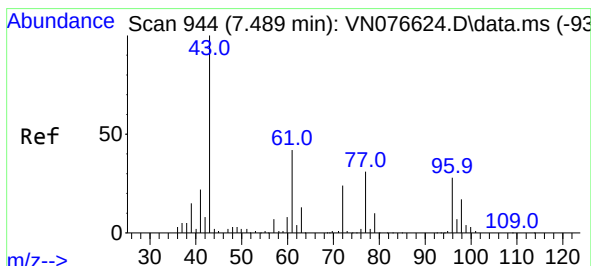
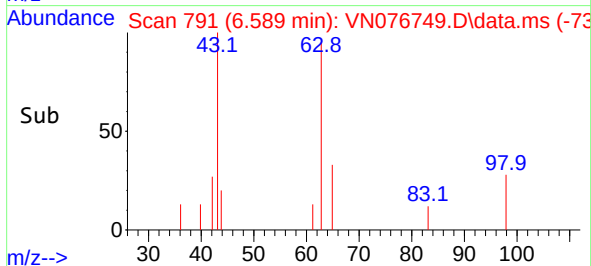
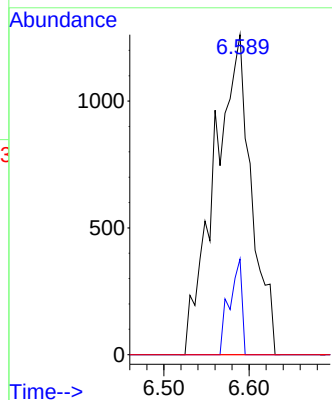
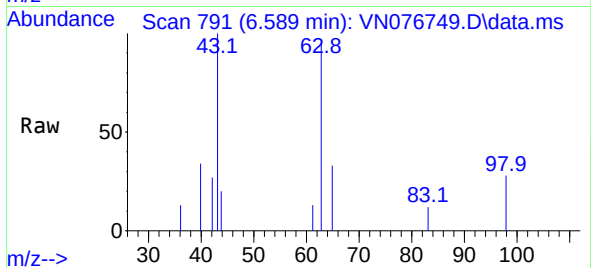




#24
1,1-Dichloroethane
Concen: 0.602 ug/l
RT: 6.589 min Scan# 791
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

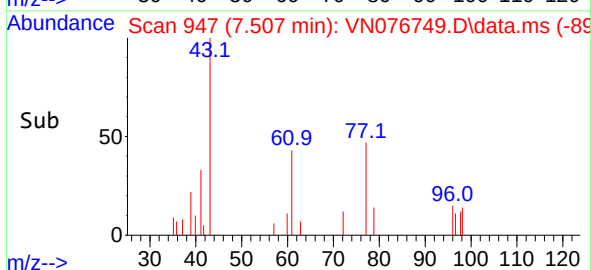
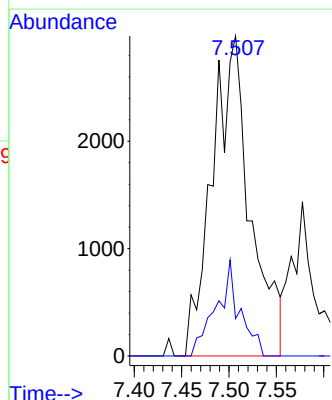
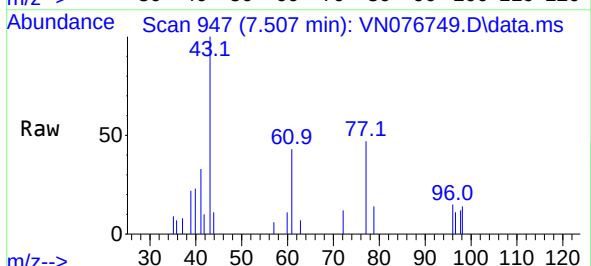
Instrument :
MSVOA_N
ClientSampleId :
MDL04

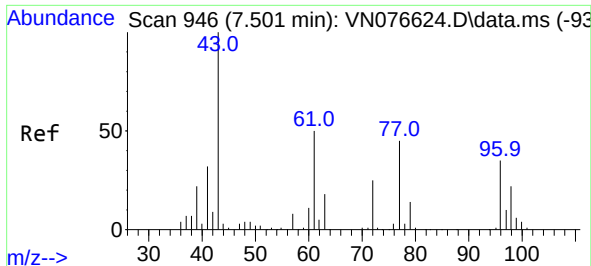
Tgt Ion: 63 Resp: 3795
Ion Ratio Lower Upper
63 100
98 29.9 4.1 12.3#
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 3.357 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 43 Resp: 8370
Ion Ratio Lower Upper
43 100
72 11.7 19.4 29.2#

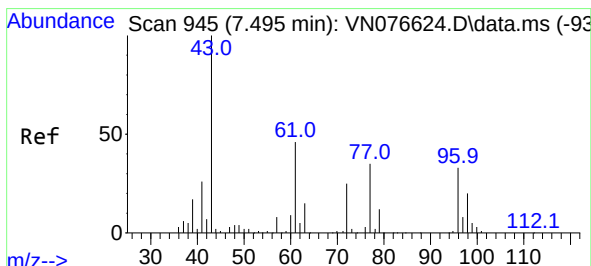
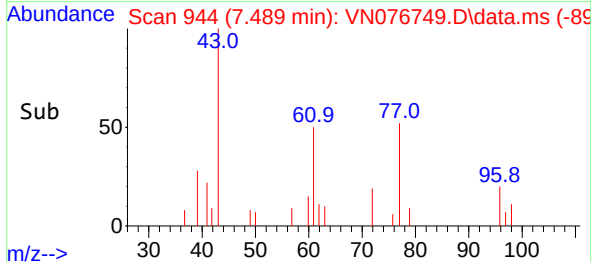
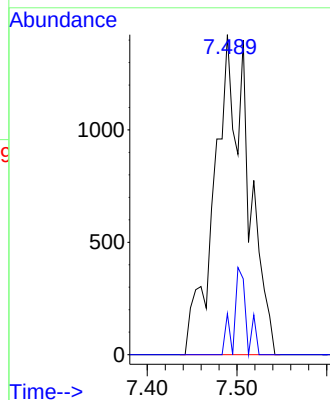
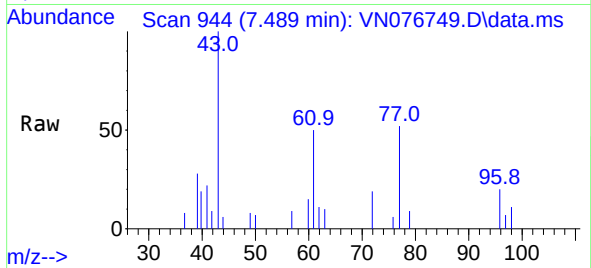




#26
2,2-Dichloropropane
Concen: 0.815 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

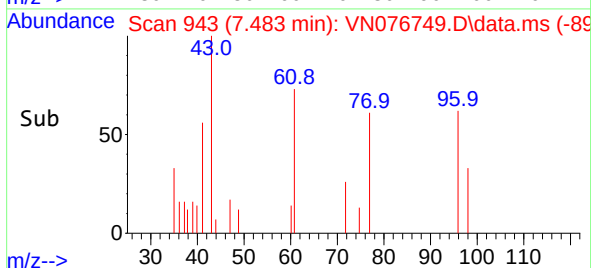
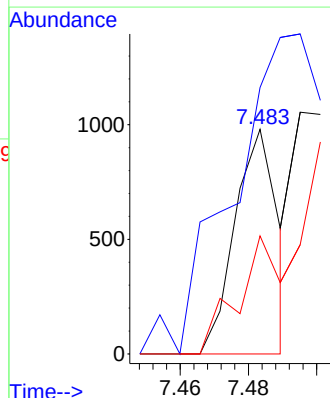
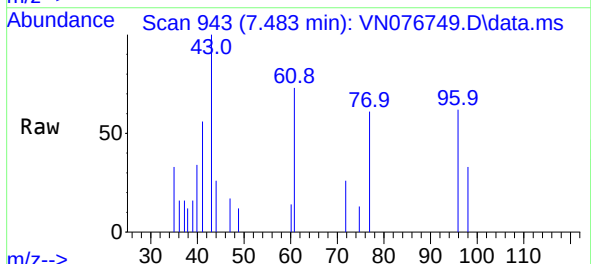
Instrument :
MSVOA_N
ClientSampleId :
MDL04

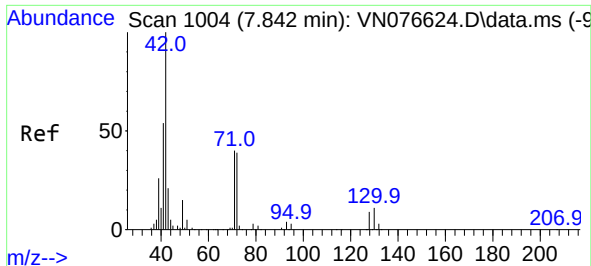
Tgt Ion: 77 Resp: 3701
Ion Ratio Lower Upper
77 100
97 10.3 11.9 35.7#



#27
cis-1,2-Dichloroethene
Concen: 0.228 ug/l
RT: 7.483 min Scan# 943
Delta R.T. -0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 96 Resp: 860
Ion Ratio Lower Upper
96 100
61 407.7 0.0 286.8#
98 153.6 0.0 124.0#





#29

Tetrahydrofuran

Concen: 1.190 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

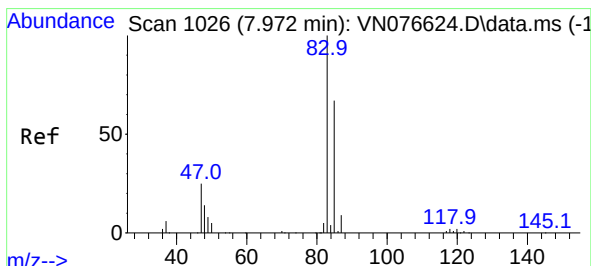
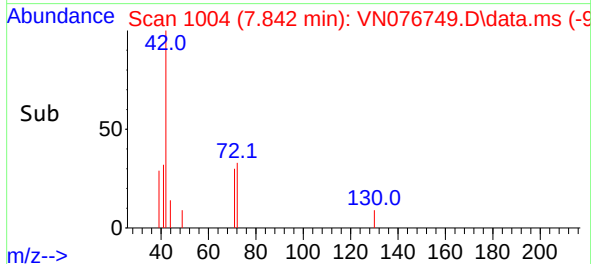
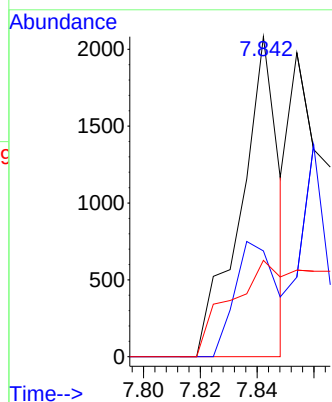
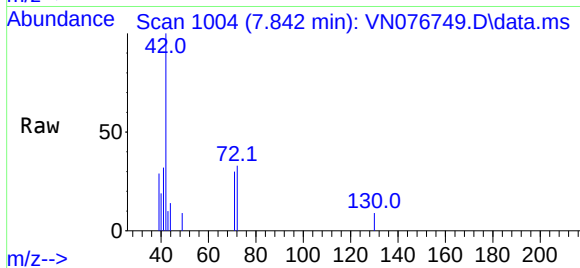
Tgt Ion: 42 Resp: 1939

Ion Ratio Lower Upper

42 100

72 38.8 31.5 47.3

71 61.6 29.8 44.8#



#30

Chloroform

Concen: 0.674 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN076749.D

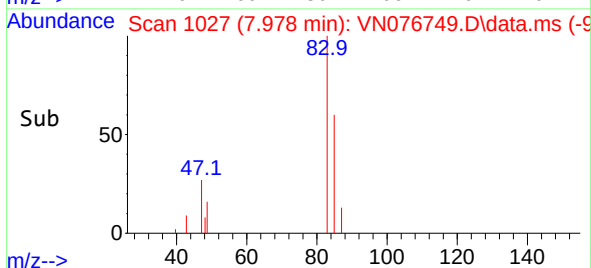
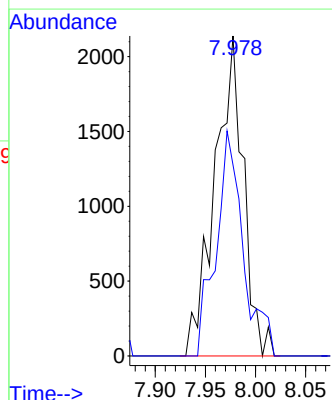
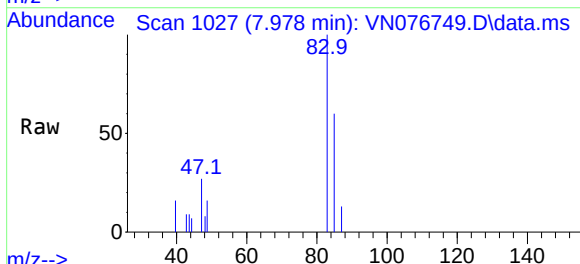
Acq: 21 Feb 2023 13:48

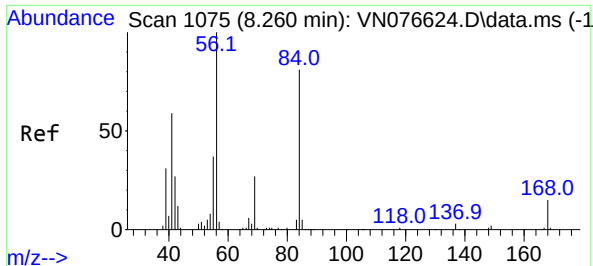
Tgt Ion: 83 Resp: 4241

Ion Ratio Lower Upper

83 100

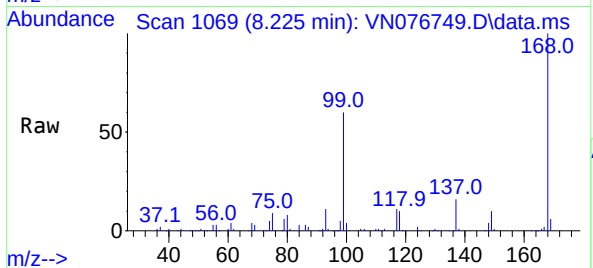
85 59.7 53.5 80.3



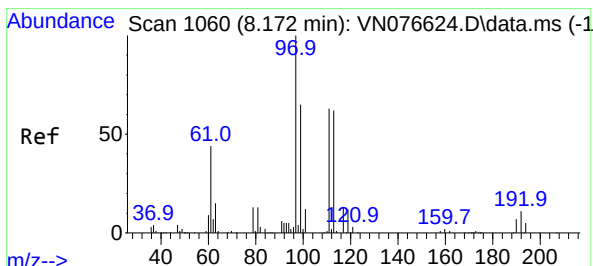
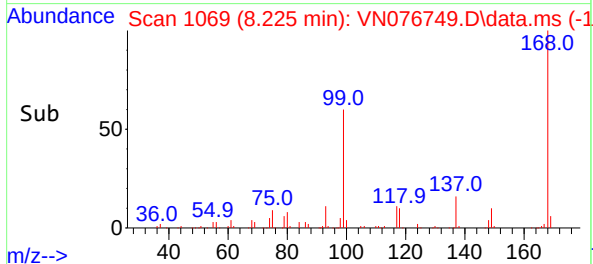
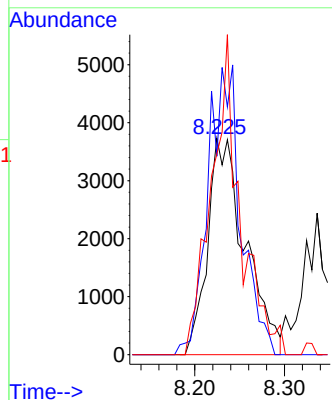


#31
Cyclohexane
Concen: 1.825 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

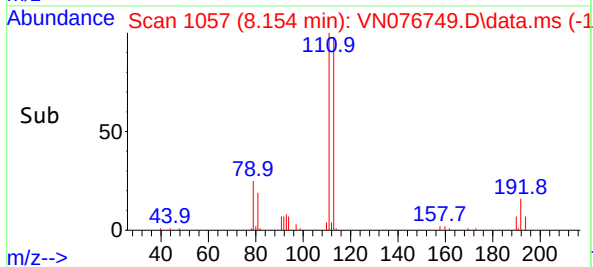
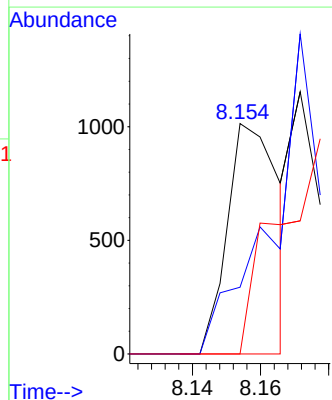
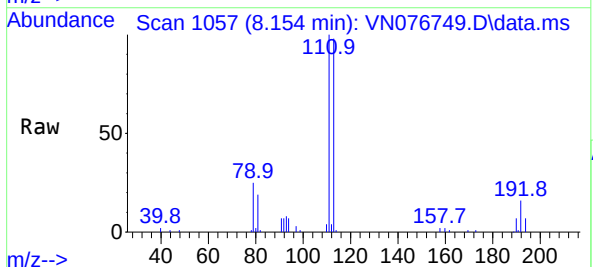


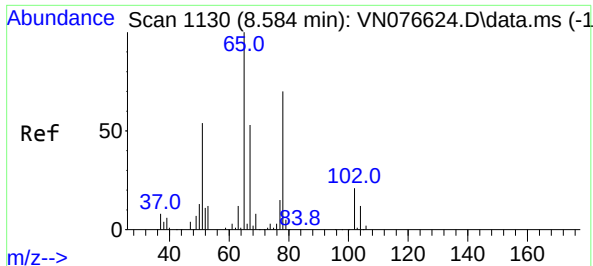
Tgt Ion: 56 Resp: 10832
Ion Ratio Lower Upper
56 100
69 91.7 21.6 32.4#
84 92.8 65.1 97.7



#32
1,1,1-Trichloroethane
Concen: 0.202 ug/l
RT: 8.154 min Scan# 1057
Delta R.T. -0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 97 Resp: 1070
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 0.0 38.2 57.2#

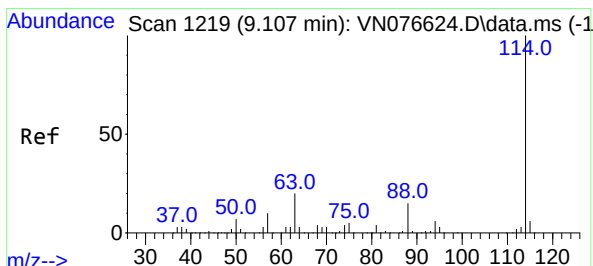
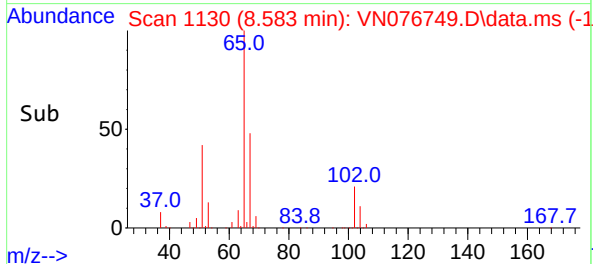
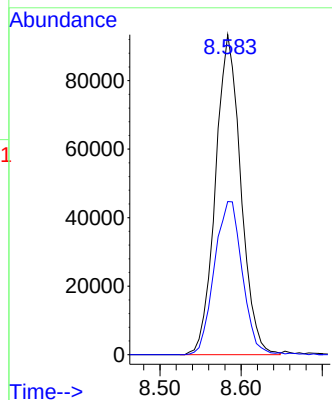
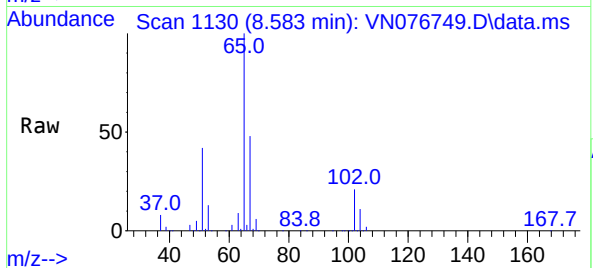




#33
1,2-Dichloroethane-d4
Concen: 53.615 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

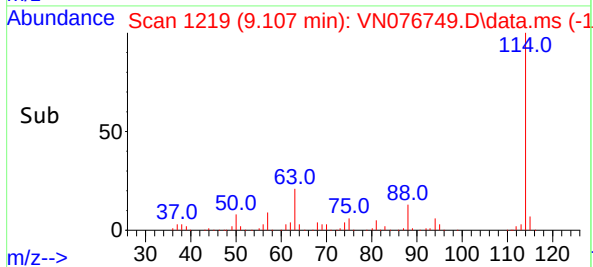
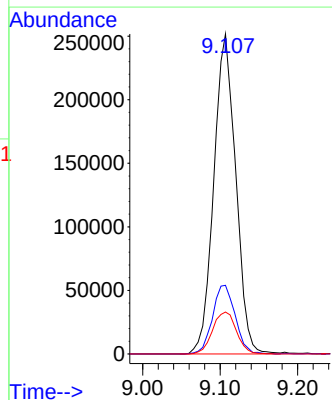
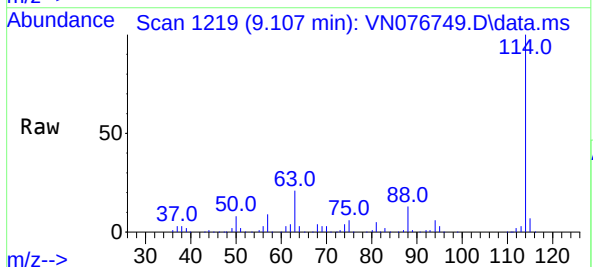
Instrument :
MSVOA_N
ClientSampleId :
MDL04

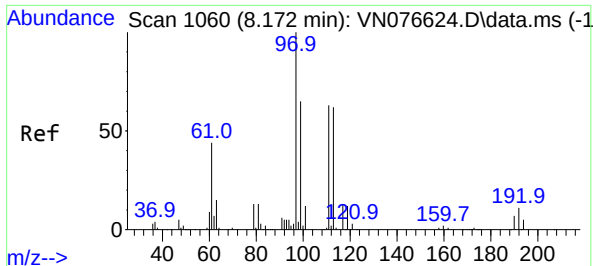
Tgt Ion: 65 Resp: 202867
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 114 Resp: 495383
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 13.1 0.0 29.6

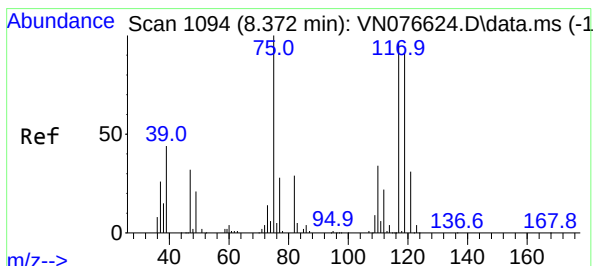
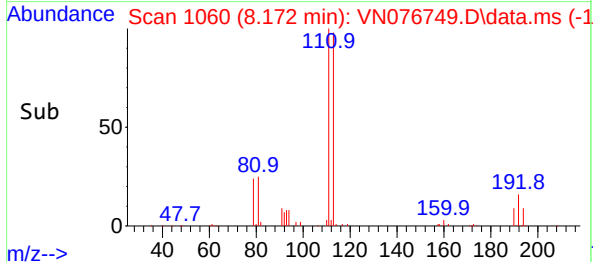
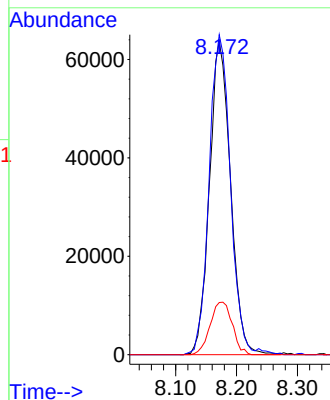
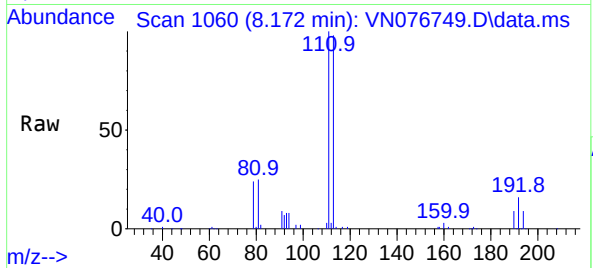




#35
Dibromofluoromethane
Concen: 47.240 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

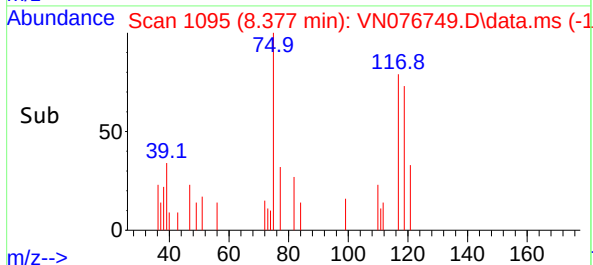
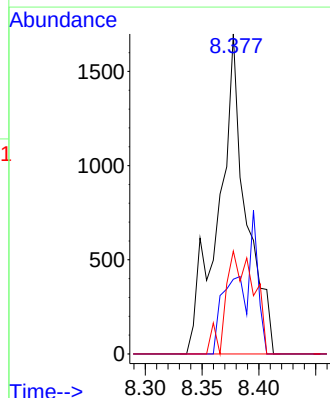
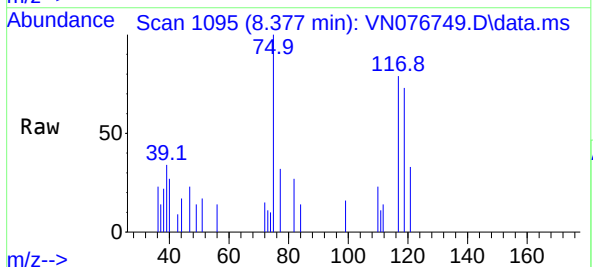
Instrument :
MSVOA_N
ClientSampleId :
MDL04

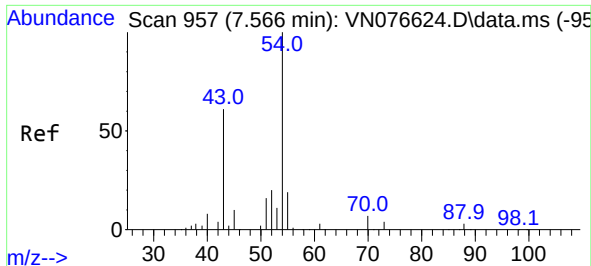
Tgt Ion:113 Resp: 153256
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 0.611 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
110 33.2 17.5 52.5
77 32.8 24.5 36.7

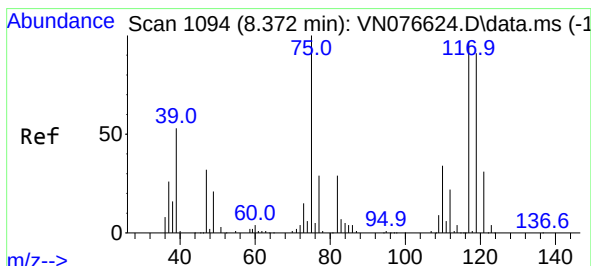
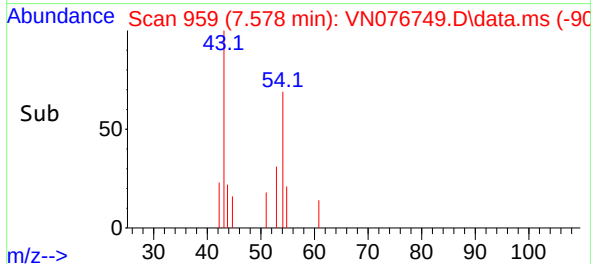
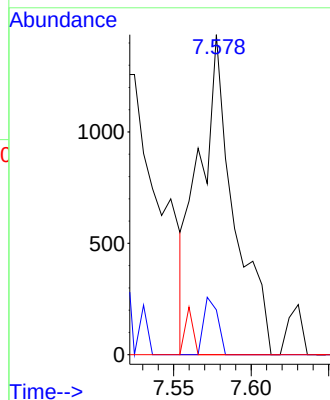
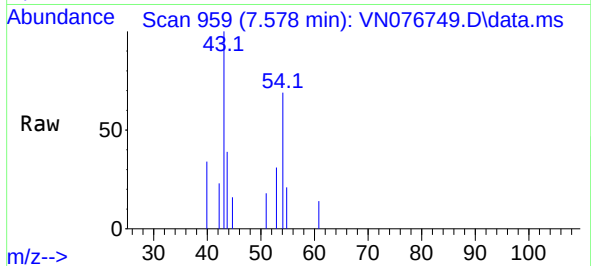




#37
Ethyl Acetate
Concen: 0.458 ug/l
RT: 7.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

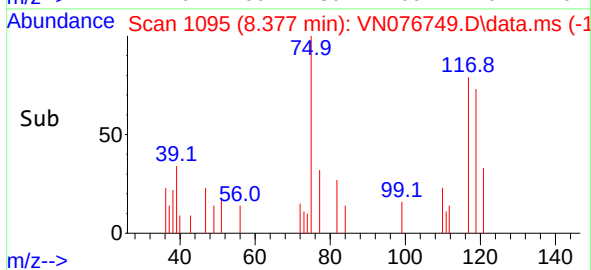
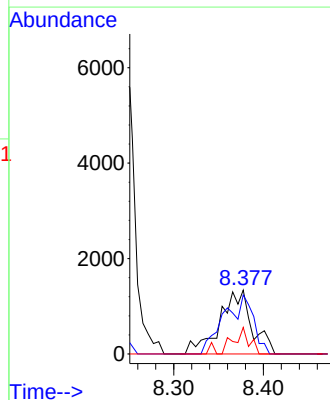
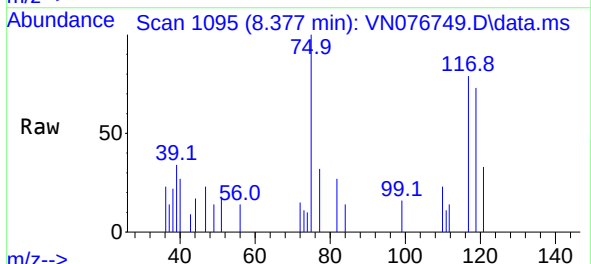
Instrument :
MSVOA_N
ClientSampleId :
MDL04

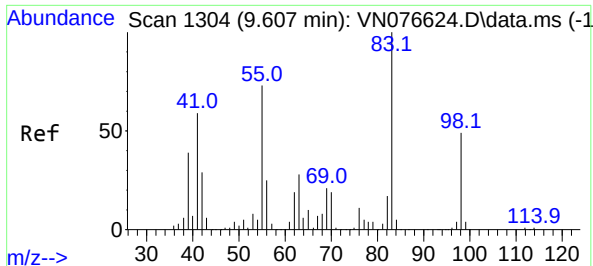
Tgt Ion:	43	Resp:	2258
Ion	Ratio	Lower	Upper
43	100		
61	7.2	9.9	14.9#
70	3.3	7.8	11.6#



#38
Carbon Tetrachloride
Concen: 0.707 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:	117	Resp:	3342
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.4	113.0
121	41.5	26.0	39.0#

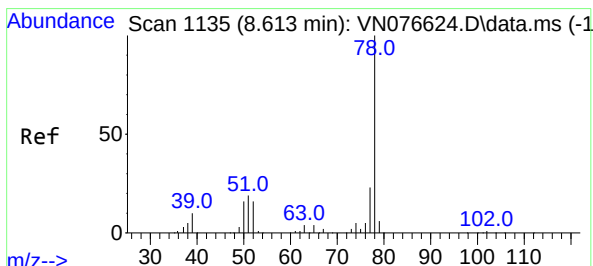
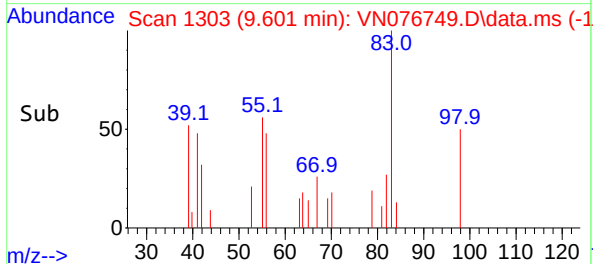
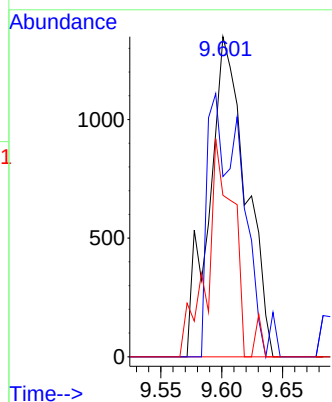
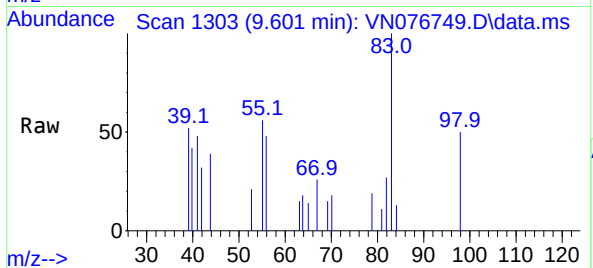




#39
Methylcyclohexane
Concen: 0.530 ug/l
RT: 9.601 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

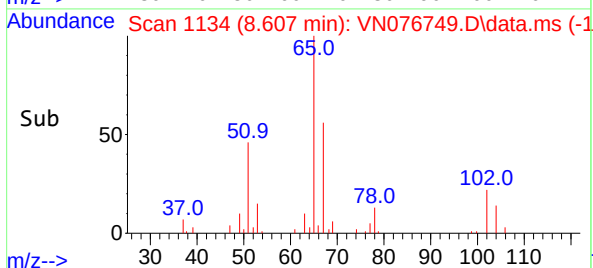
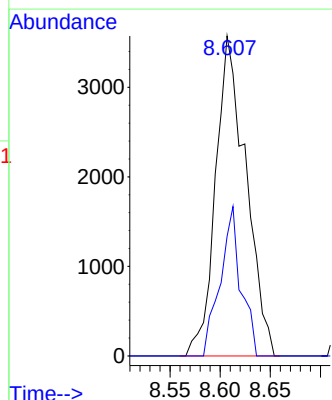
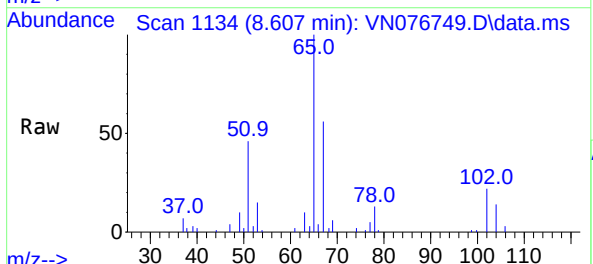
Instrument :
MSVOA_N
ClientSampleId :
MDL04

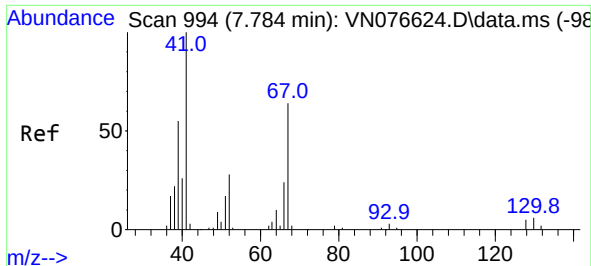
Tgt Ion: 83 Resp: 2826
Ion Ratio Lower Upper
83 100
55 56.3 58.6 88.0#
98 50.5 39.4 59.2



#40
Benzene
Concen: 0.522 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 78 Resp: 7511
Ion Ratio Lower Upper
78 100
77 37.4 18.2 27.4#

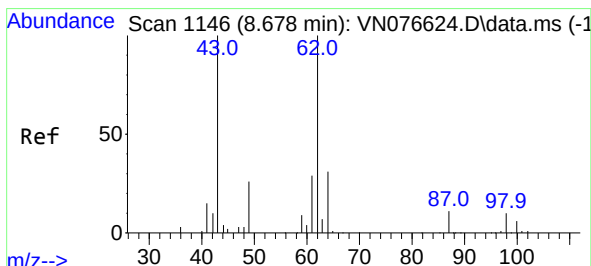
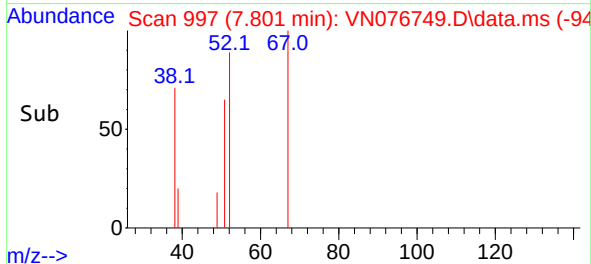
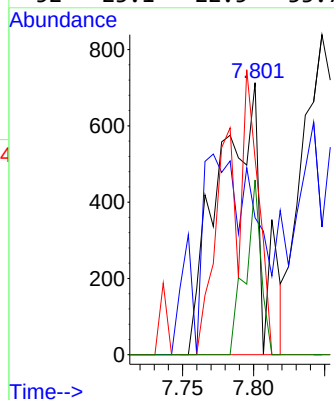
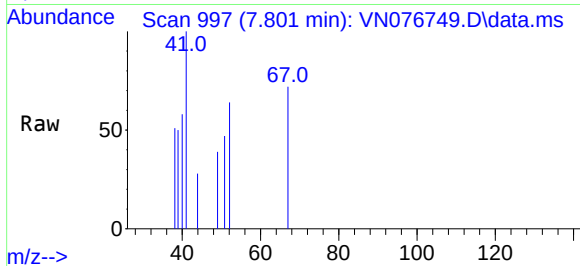




#41
Methacrylonitrile
Concen: 0.534 ug/l
RT: 7.801 min Scan# 997
Delta R.T. 0.017 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

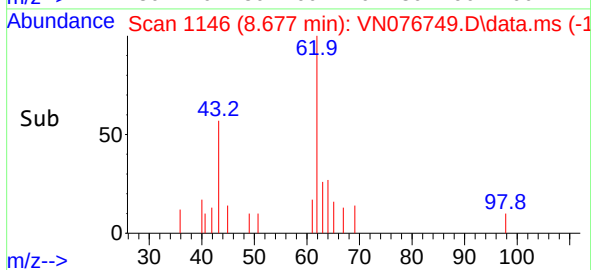
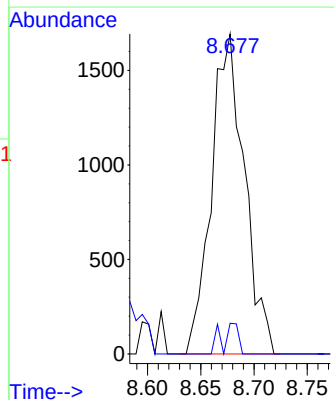
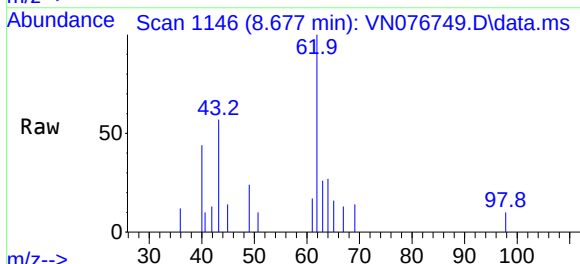
Instrument :
MSVOA_N
ClientSampleId :
MDL04

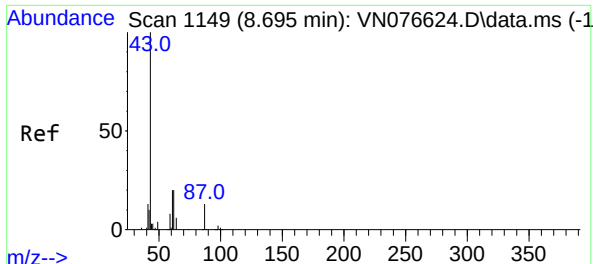
Tgt Ion: 41 Resp: 1526
Ion Ratio Lower Upper
41 100
39 0.0 42.6 63.8#
67 36.1 51.4 77.0#
52 23.1 22.5 33.7



#42
1,2-Dichloroethane
Concen: 0.726 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 62 Resp: 3643
Ion Ratio Lower Upper
62 100
98 4.6 0.0 19.2

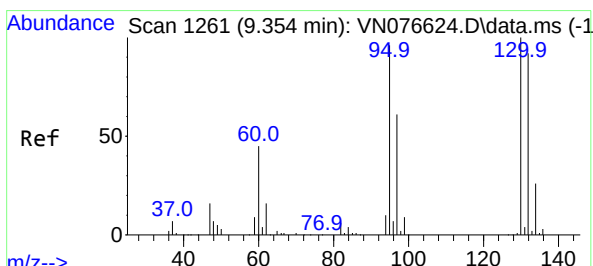
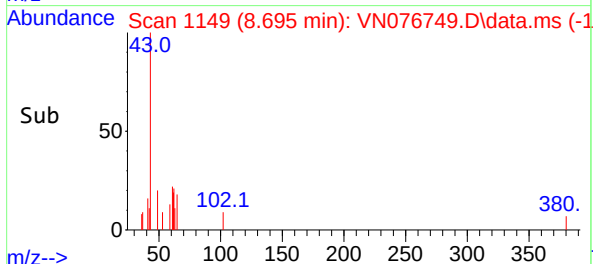
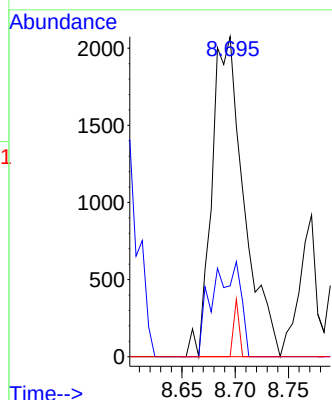
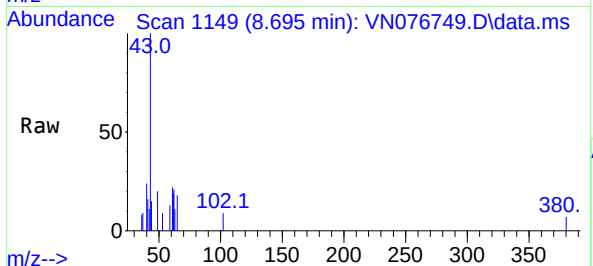




#43
Isopropyl Acetate
Concen: 0.543 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

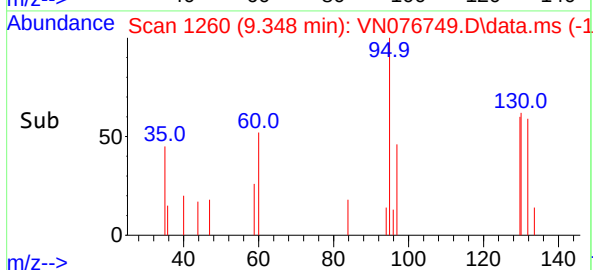
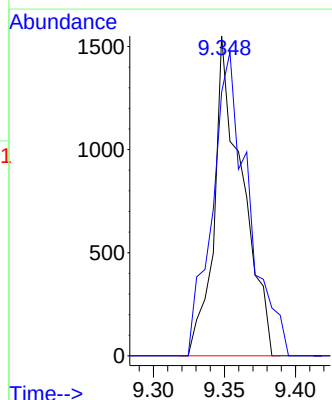
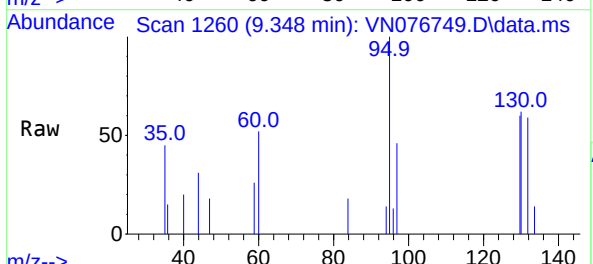
Instrument :
MSVOA_N
ClientSampleId :
MDL04

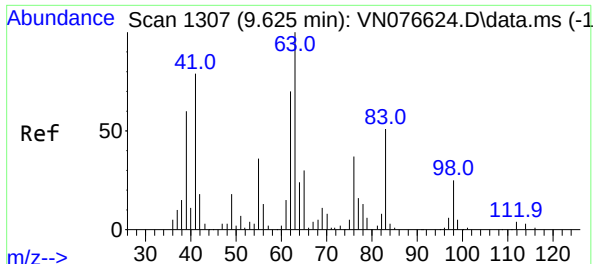
Tgt Ion: 43 Resp: 4356
Ion Ratio Lower Upper
43 100
61 25.9 20.0 30.0
87 3.0 9.9 14.9#



#44
Trichloroethene
Concen: 0.626 ug/l
RT: 9.348 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:130 Resp: 2128
Ion Ratio Lower Upper
130 100
95 82.5 0.0 191.4

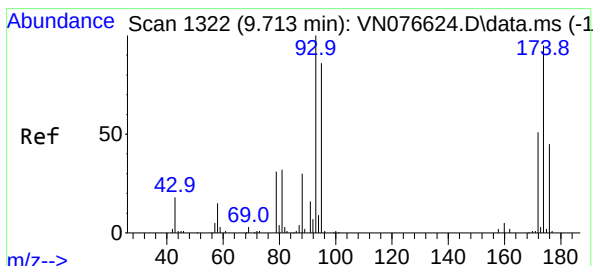
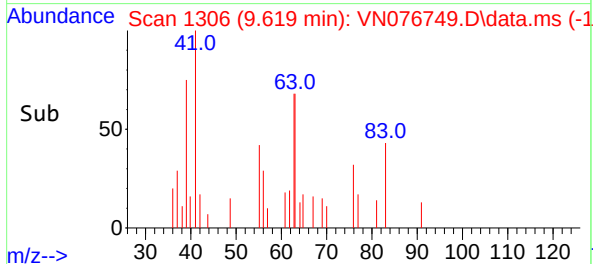
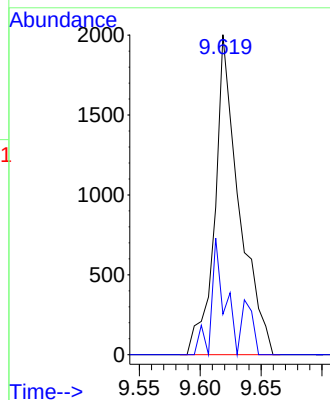
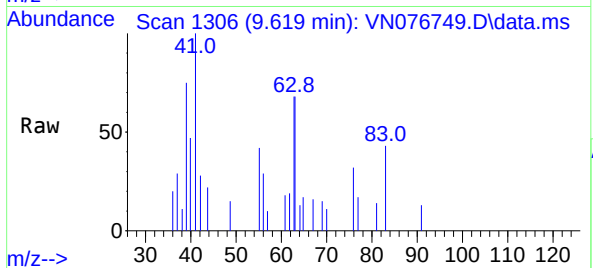




#45
1,2-Dichloropropane
Concen: 0.730 ug/l
RT: 9.619 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

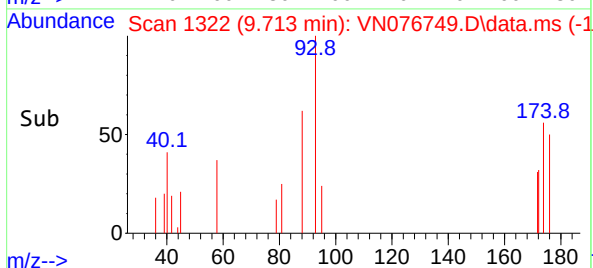
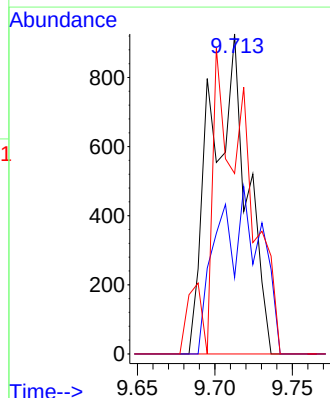
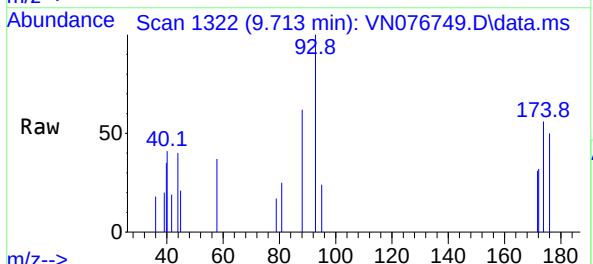
Instrument :
MSVOA_N
ClientSampleId :
MDL04

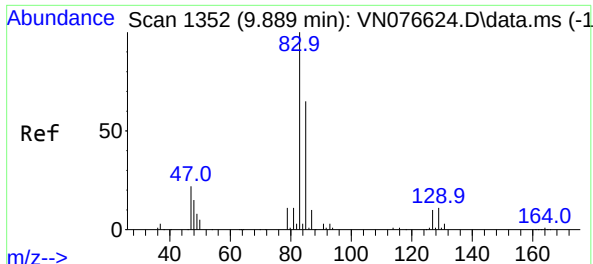
Tgt Ion: 63 Resp: 2781
Ion Ratio Lower Upper
63 100
65 12.6 24.2 36.2#



#46
Dibromomethane
Concen: 0.615 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 93 Resp: 1499
Ion Ratio Lower Upper
93 100
95 29.4 66.0 99.0#
174 96.1 75.8 113.8

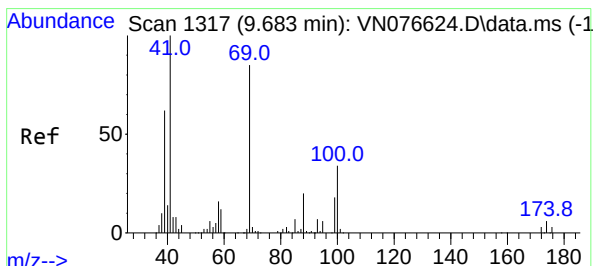
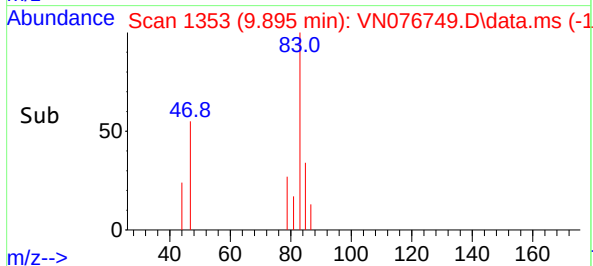
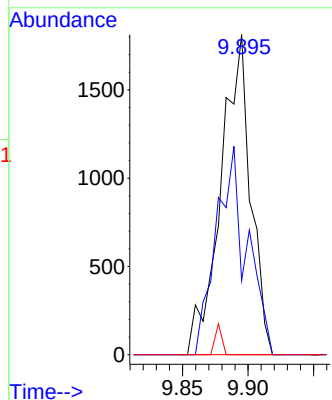
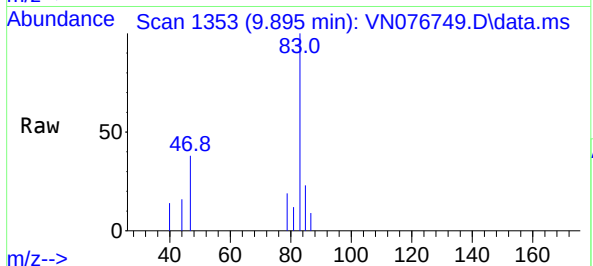




#47
Bromodichloromethane
Concen: 0.587 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

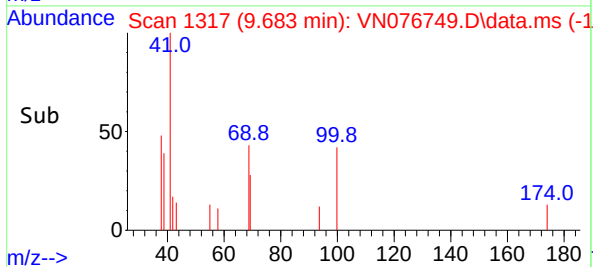
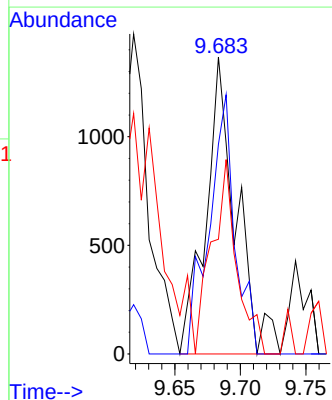
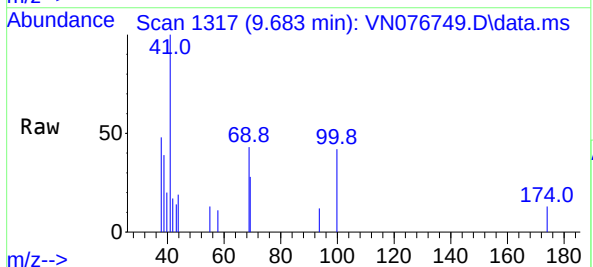
Instrument :
MSVOA_N
ClientSampleId :
MDL04

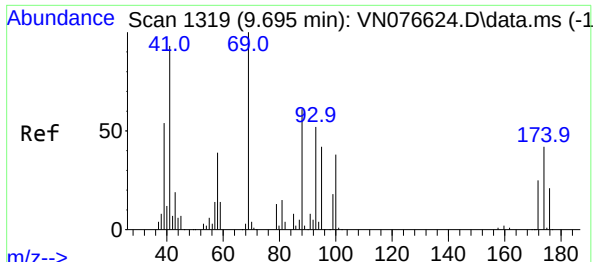
Tgt Ion: 83 Resp: 2867
Ion Ratio Lower Upper
83 100
85 23.2 51.8 77.6#
127 0.0 7.9 11.9#



#48
Methyl methacrylate
Concen: 0.577 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 41 Resp: 2198
Ion Ratio Lower Upper
41 100
69 74.9 65.4 98.0
39 53.9 49.3 73.9

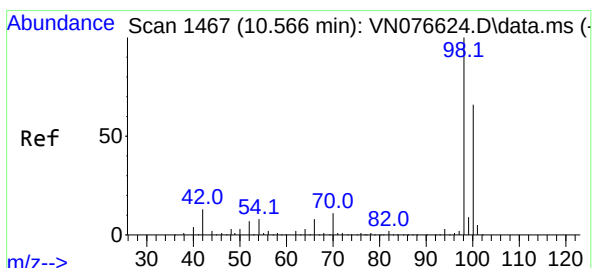
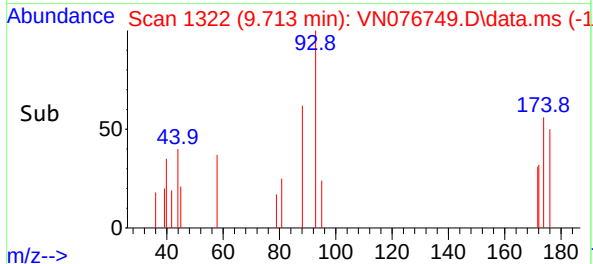
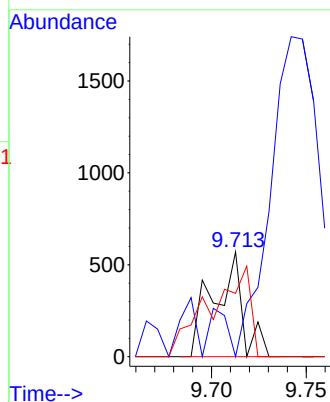
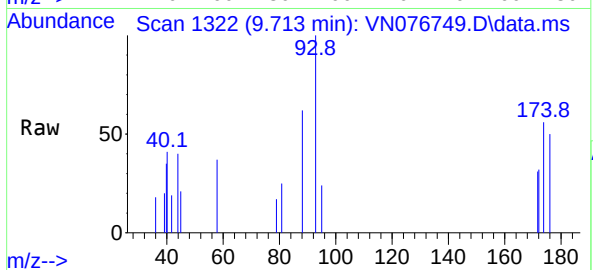




#49
1,4-Dioxane
Concen: 9.351 ug/l
RT: 9.713 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

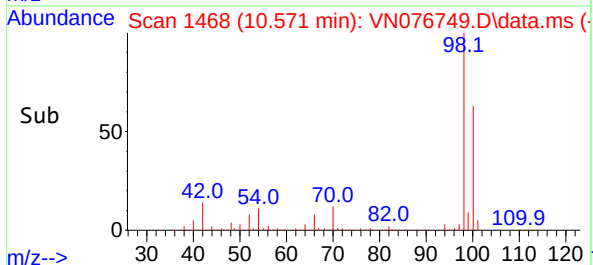
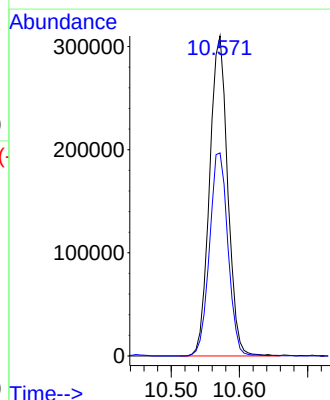
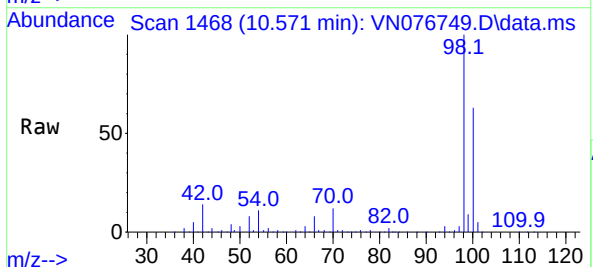
Instrument :
MSVOA_N
ClientSampleId :
MDL04

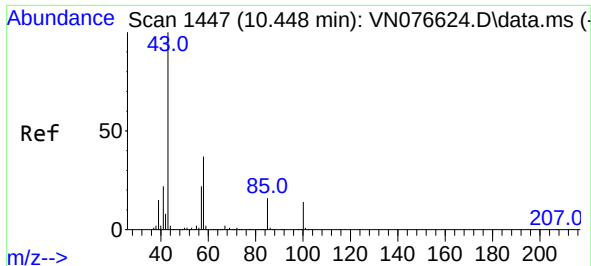
Tgt Ion: 88 Resp: 616
Ion Ratio Lower Upper
88 100
43 27.9 22.6 33.8
58 117.9 57.6 86.4#



#50
Toluene-d8
Concen: 47.430 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 98 Resp: 574644
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

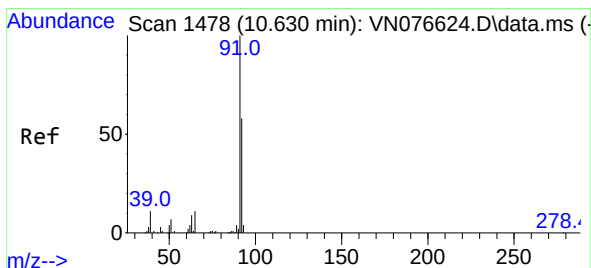
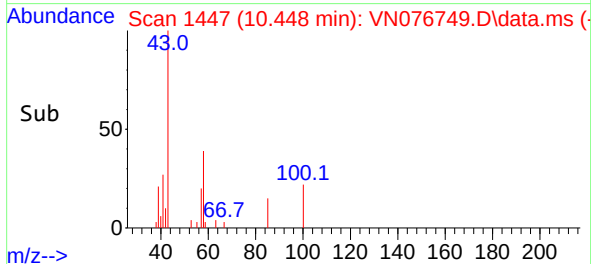
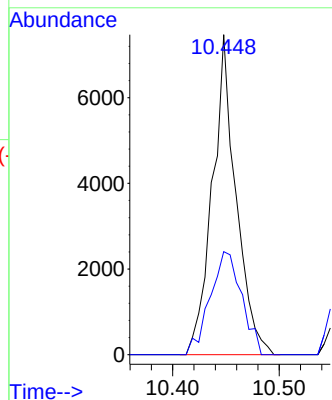
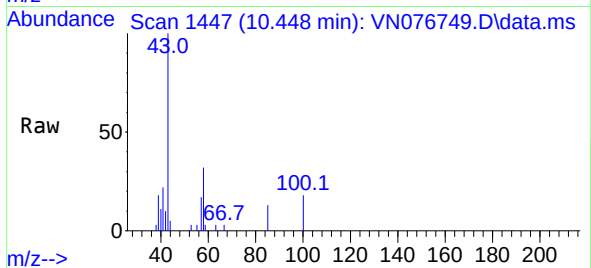




#51
4-Methyl-2-Pentanone
Concen: 2.257 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

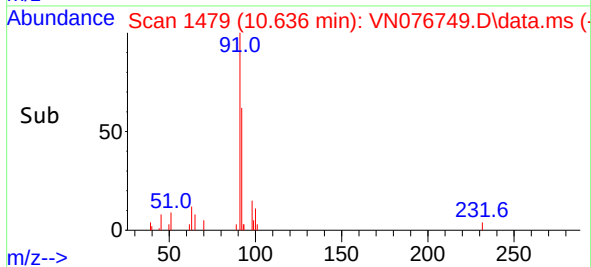
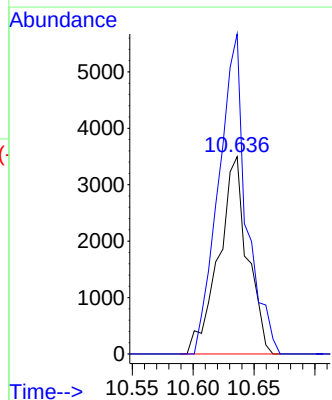
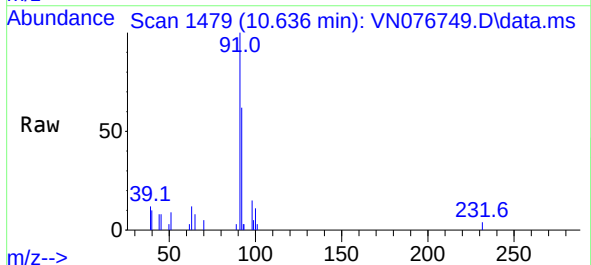
Instrument :
MSVOA_N
ClientSampleId :
MDL04

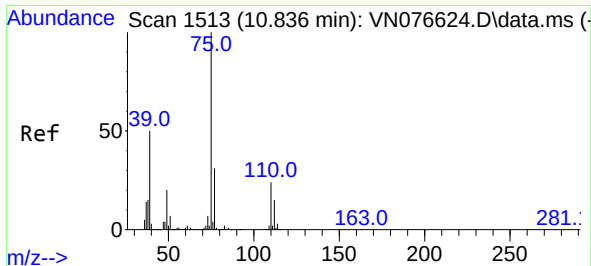
Tgt Ion: 43 Resp: 11522
Ion Ratio Lower Upper
43 100
58 42.9 29.5 44.3



#52
Toluene
Concen: 0.663 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 92 Resp: 5758
Ion Ratio Lower Upper
92 100
91 156.9 138.0 207.0

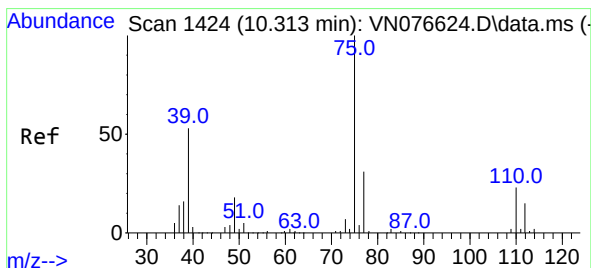
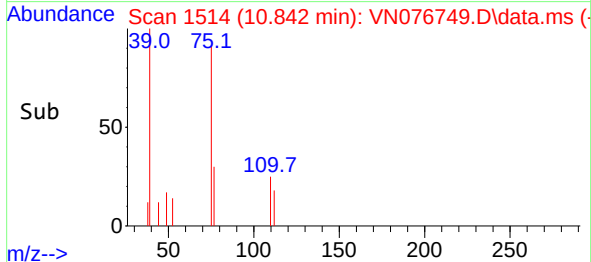
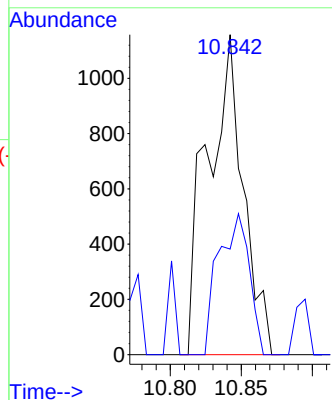
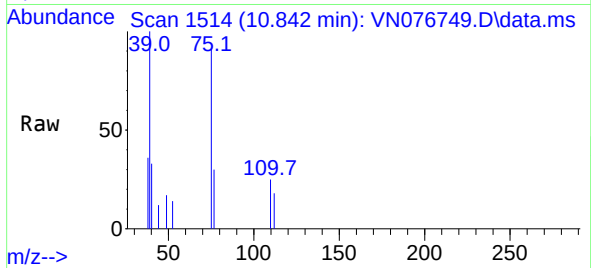




#53
t-1,3-Dichloropropene
Concen: 0.431 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

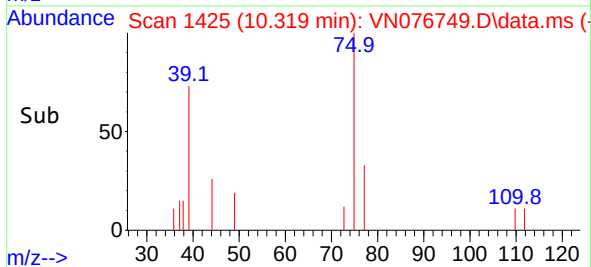
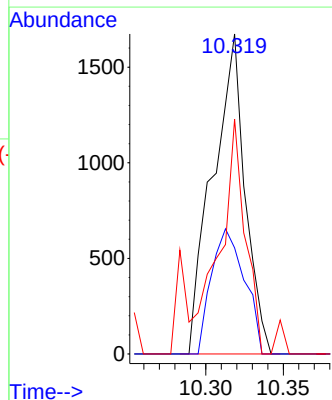
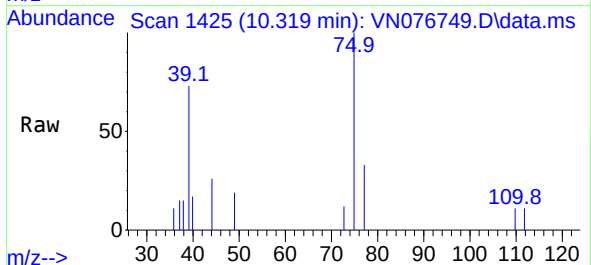
Instrument :
MSVOA_N
ClientSampleId :
MDL04

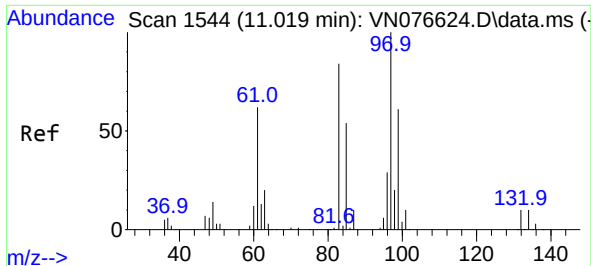
Tgt Ion: 75 Resp: 2031
Ion Ratio Lower Upper
75 100
77 33.0 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 0.447 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 75 Resp: 2429
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7
39 62.8 42.3 63.5



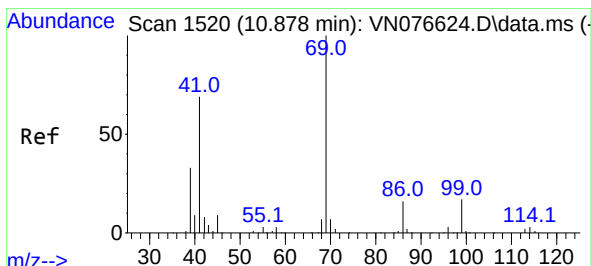
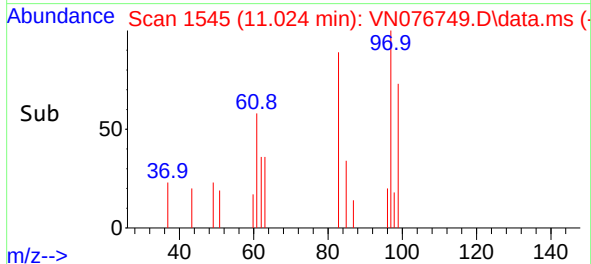
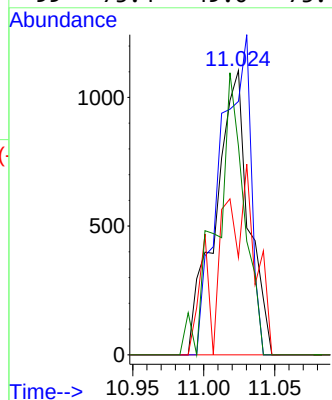
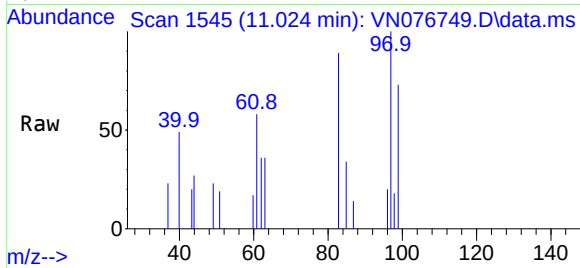


#55
1,1,2-Trichloroethane
Concen: 0.509 ug/l
RT: 11.024 min Scan# 1545
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 1800

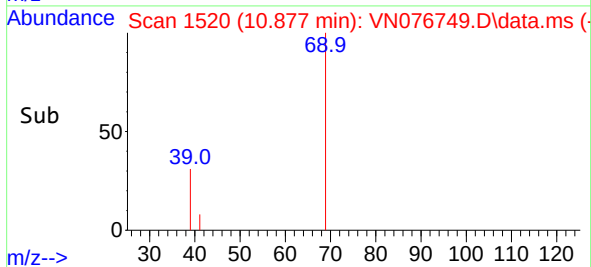
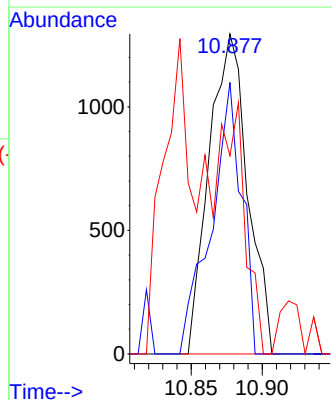
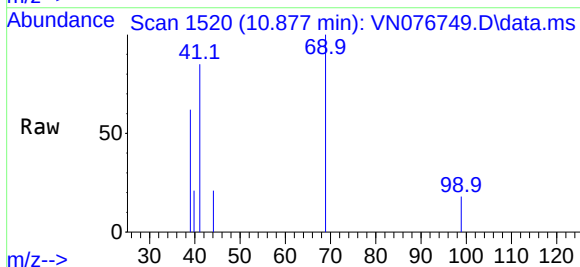
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.3	100.9
85	34.2	43.2	64.8#
99	73.4	49.0	73.4

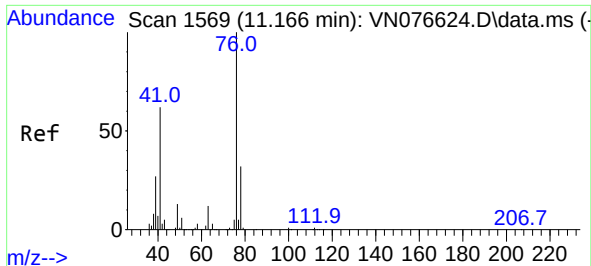


#56
Ethyl methacrylate
Concen: 0.492 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 69 Resp: 2445

Ion	Ratio	Lower	Upper
69	100		
41	67.1	55.1	82.7
39	49.5	30.7	46.1#

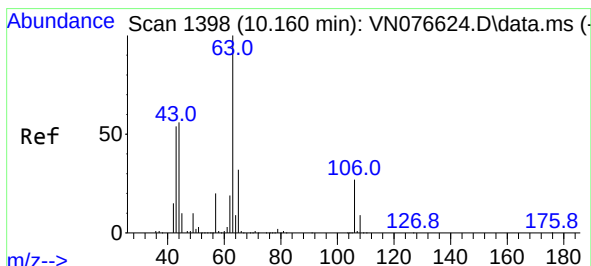
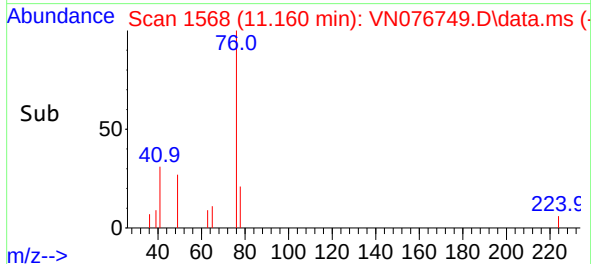
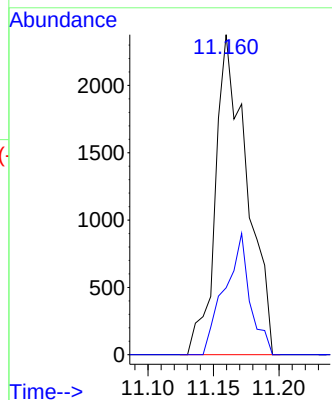
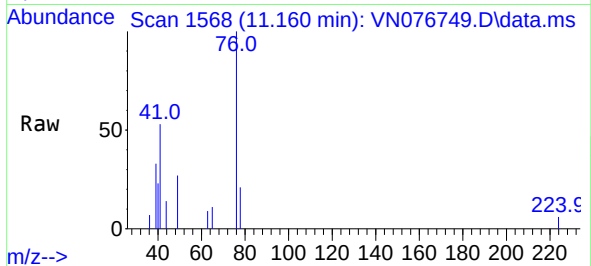




#57
1,3-Dichloropropane
Concen: 0.653 ug/l
RT: 11.160 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

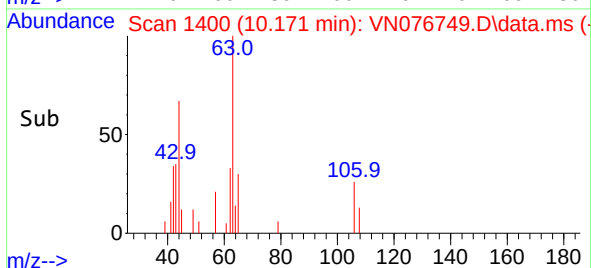
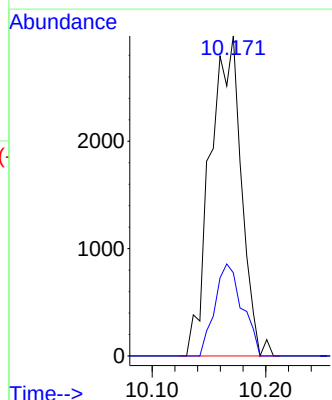
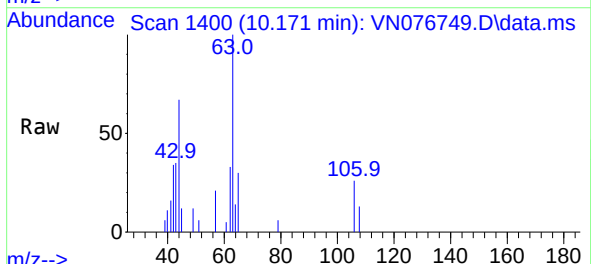
Instrument :
MSVOA_N
ClientSampleId :
MDL04

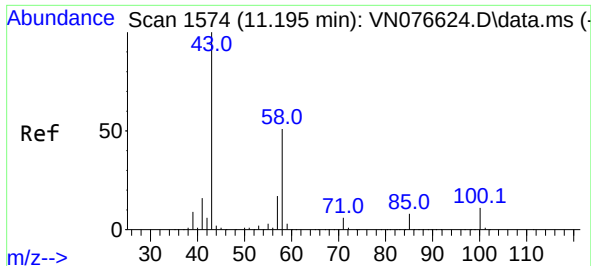
Tgt Ion: 76 Resp: 3965
Ion Ratio Lower Upper
76 100
78 30.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 2.483 ug/l
RT: 10.171 min Scan# 1400
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 63 Resp: 5656
Ion Ratio Lower Upper
63 100
106 25.4 22.3 33.5

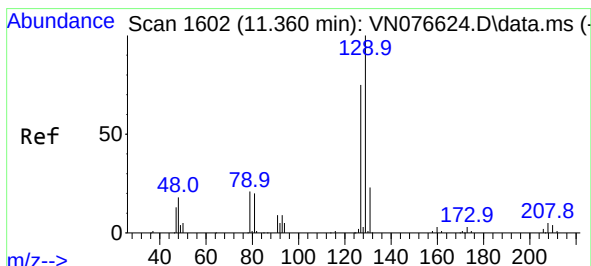
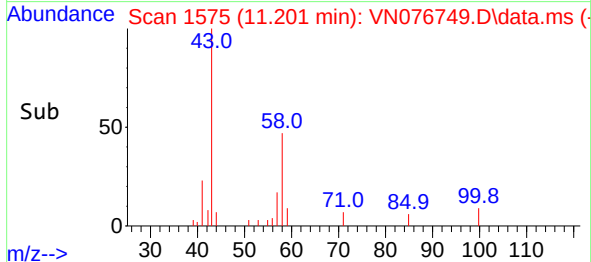
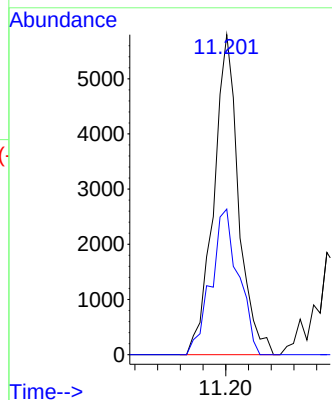
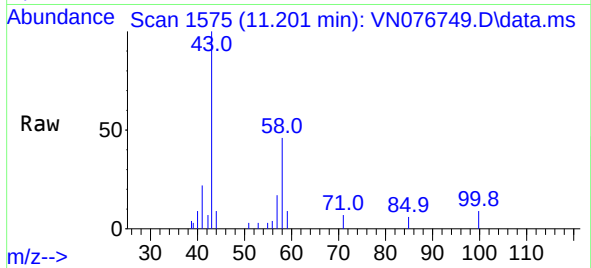




#59
2-Hexanone
Concen: 2.398 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

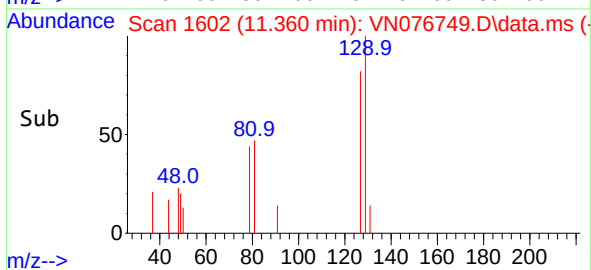
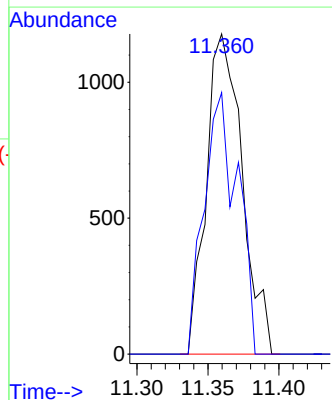
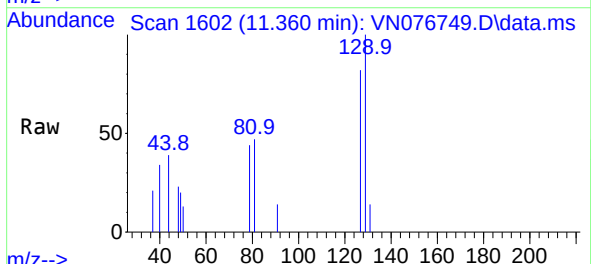
Instrument :
MSVOA_N
ClientSampleId :
MDL04

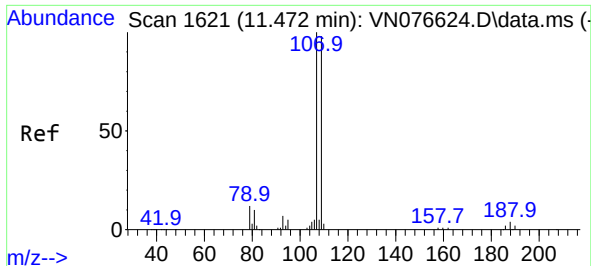
Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.0



#60
Dibromochloromethane
Concen: 0.556 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 129 Resp: 2069
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4

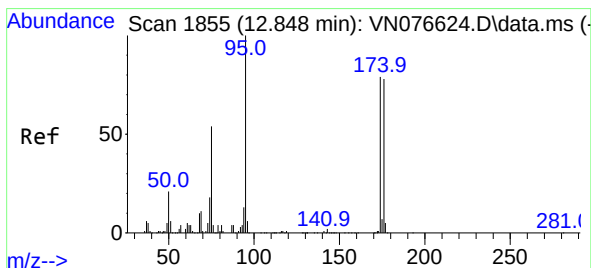
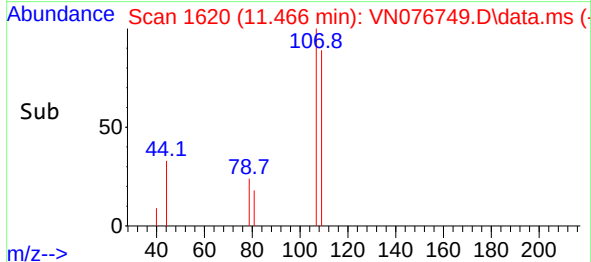
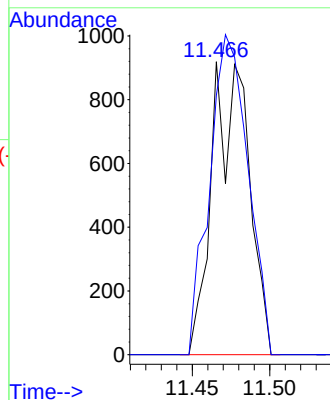
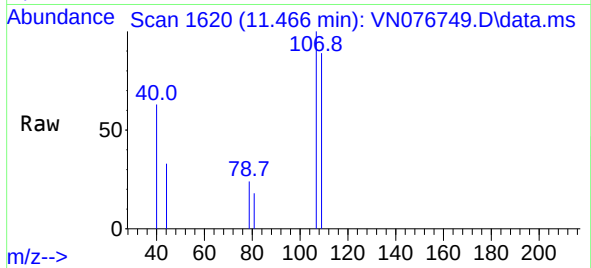




#61
1,2-Dibromoethane
Concen: 0.430 ug/l
RT: 11.466 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

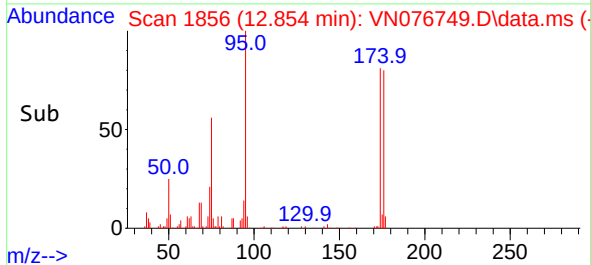
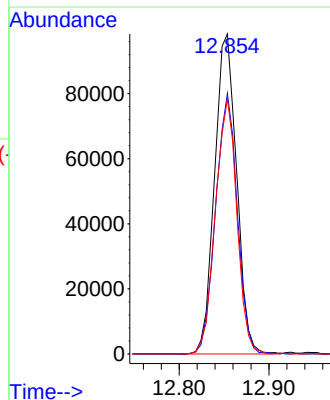
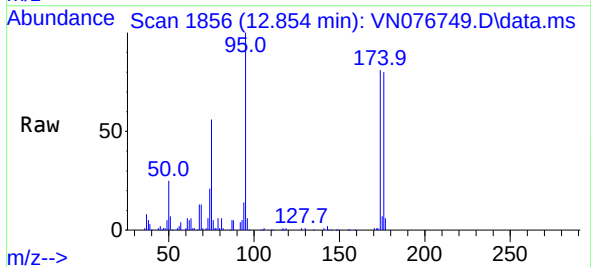
Instrument :
MSVOA_N
ClientSampleId :
MDL04

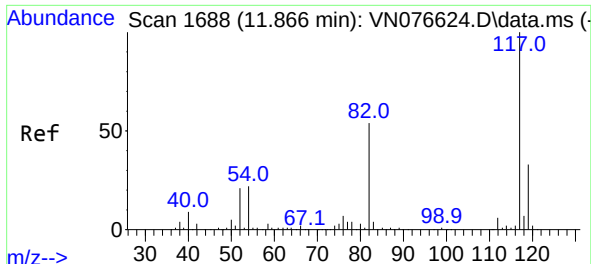
Tgt Ion:107 Resp: 1521
Ion Ratio Lower Upper
107 100
109 114.1 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 41.752 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 95 Resp: 167539
Ion Ratio Lower Upper
95 100
174 80.0 0.0 169.2
176 77.4 0.0 163.4

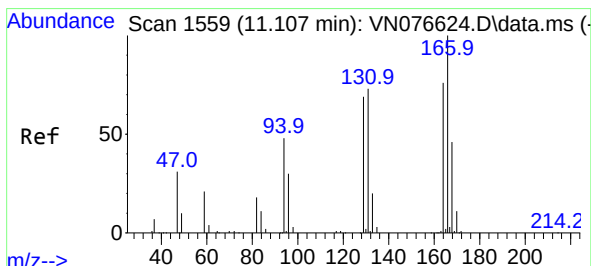
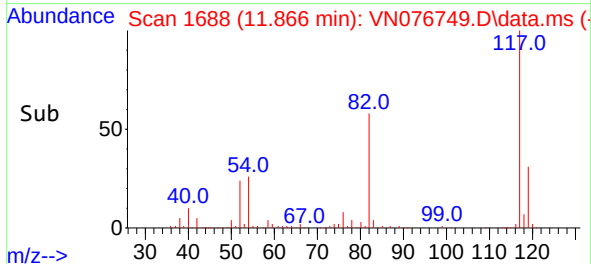
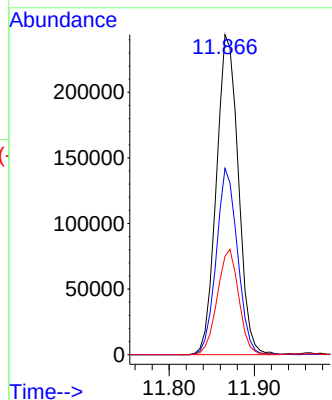
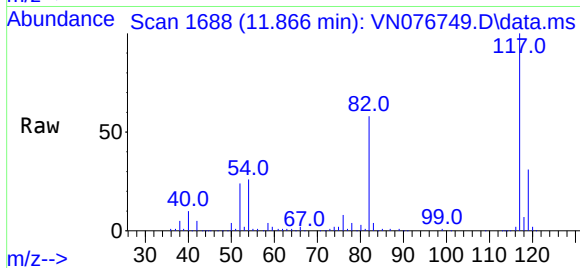




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

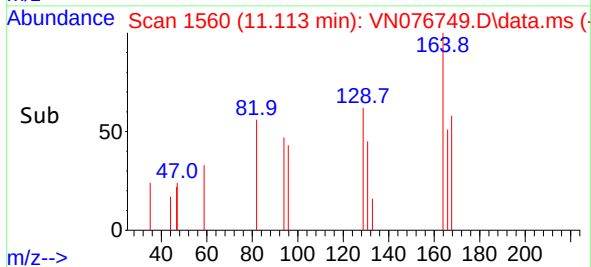
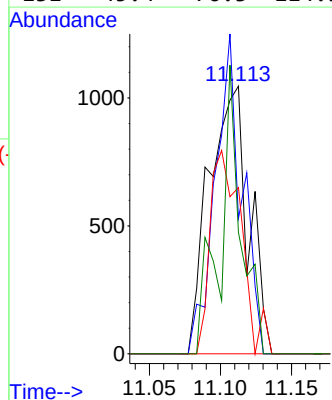
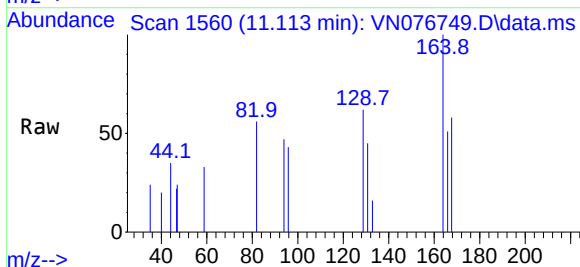
Instrument :
MSVOA_N
ClientSampleId :
MDL04

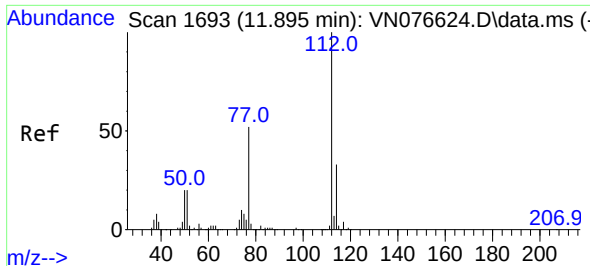
Tgt Ion:117 Resp: 436648
Ion Ratio Lower Upper
117 100
82 58.2 43.4 65.2
119 30.8 26.1 39.1



#64
Tetrachloroethene
Concen: 0.732 ug/l
RT: 11.113 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:164 Resp: 2015
Ion Ratio Lower Upper
164 100
166 50.6 104.8 157.2#
129 62.1 72.2 108.2#
131 45.4 76.3 114.5#

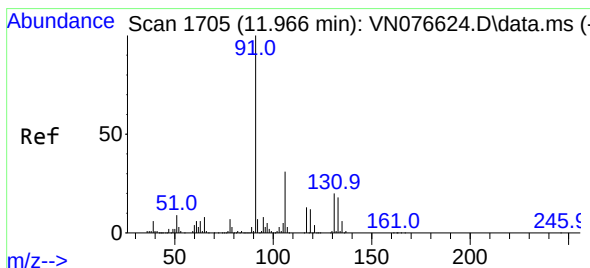
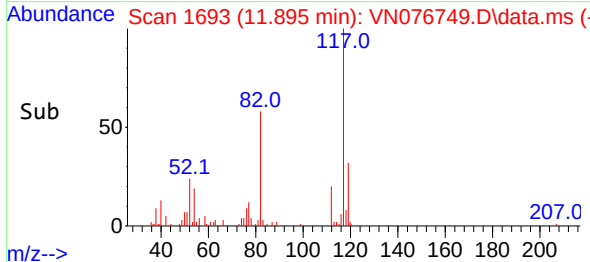
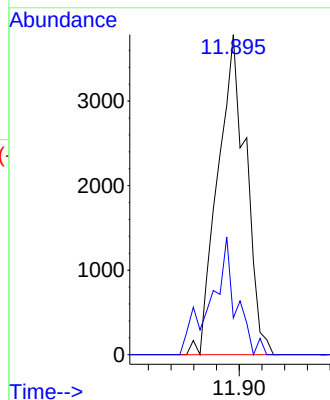
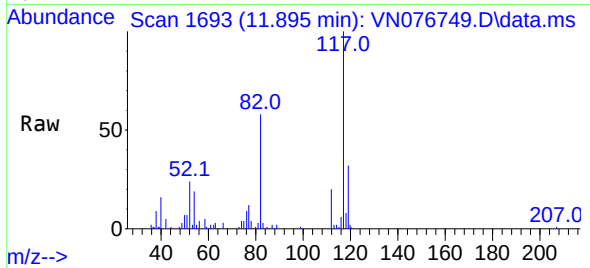




#65
Chlorobenzene
Concen: 0.704 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

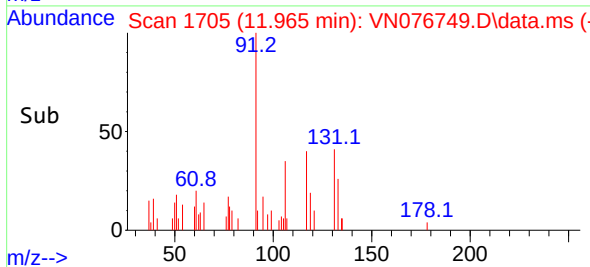
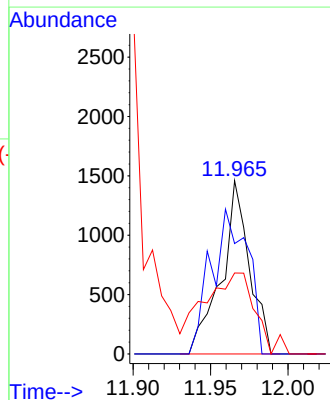
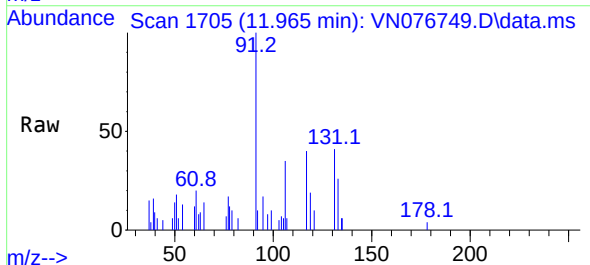
Instrument :
MSVOA_N
ClientSampleId :
MDL04

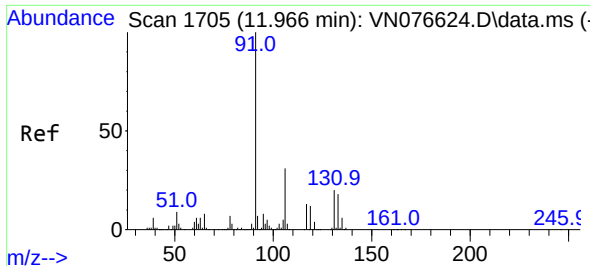
Tgt Ion:112 Resp: 6513
Ion Ratio Lower Upper
112 100
114 11.4 26.4 39.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.546 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:131 Resp: 1836
Ion Ratio Lower Upper
131 100
133 107.6 47.0 141.0
119 0.0 32.3 96.8#

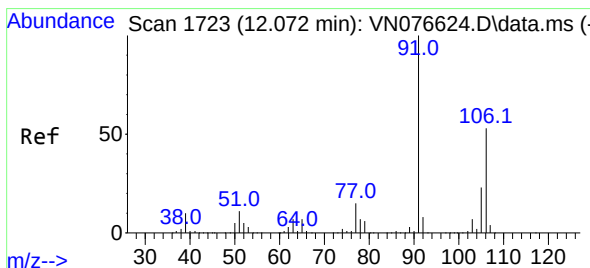
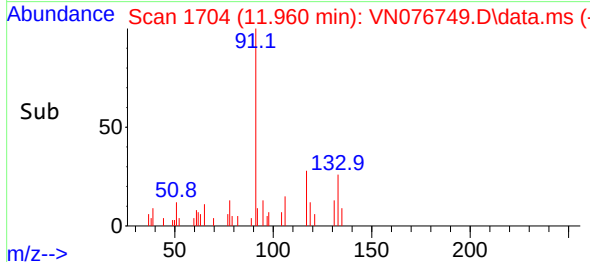
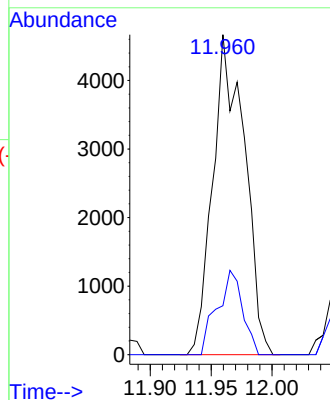
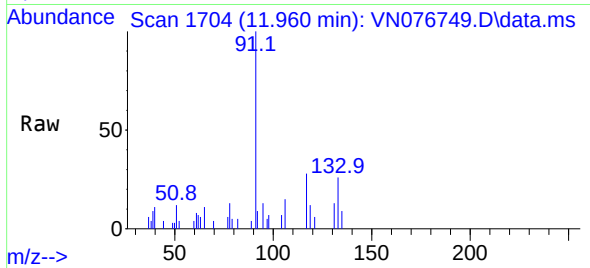




#67
Ethyl Benzene
Concen: 0.536 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

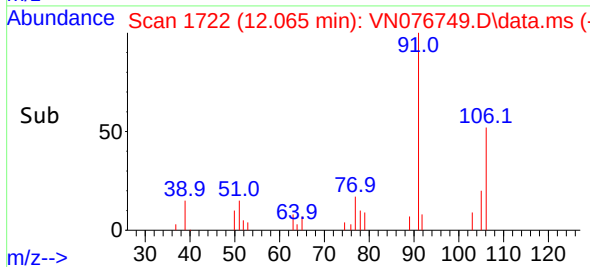
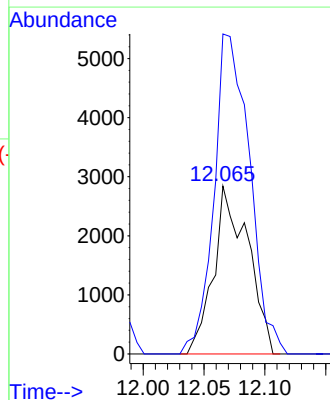
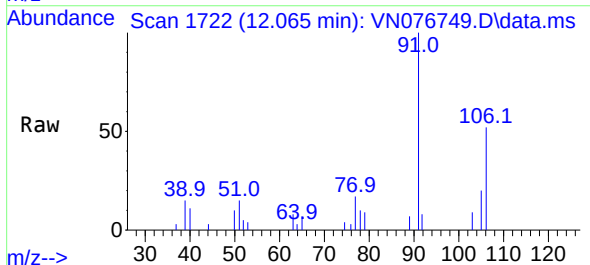
Instrument :
MSVOA_N
ClientSampleId :
MDL04

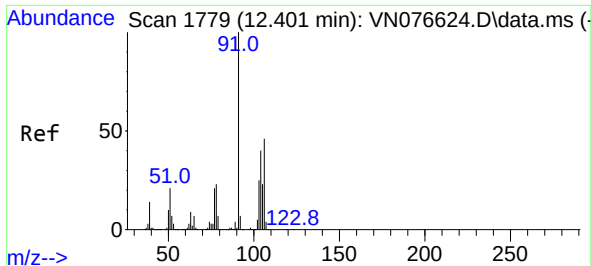
Tgt Ion: 91 Resp: 8458
Ion Ratio Lower Upper
91 100
106 15.3 25.1 37.7#



#68
m/p-Xylenes
Concen: 0.920 ug/l
RT: 12.065 min Scan# 1722
Delta R.T. -0.007 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 106 Resp: 5588
Ion Ratio Lower Upper
106 100
91 197.0 154.7 232.1

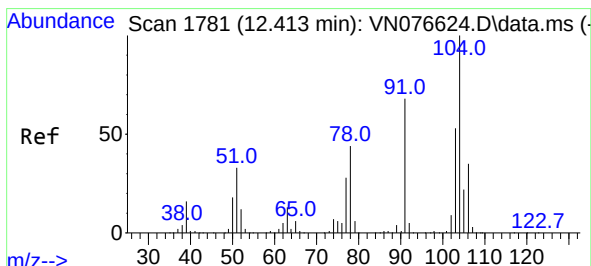
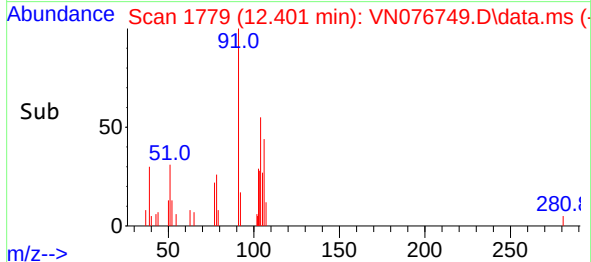
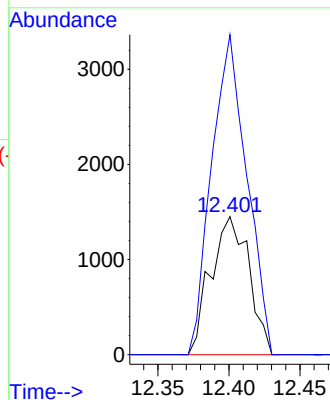
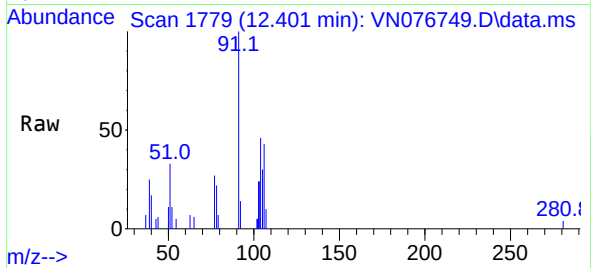




#69
o-Xylene
Concen: 0.458 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

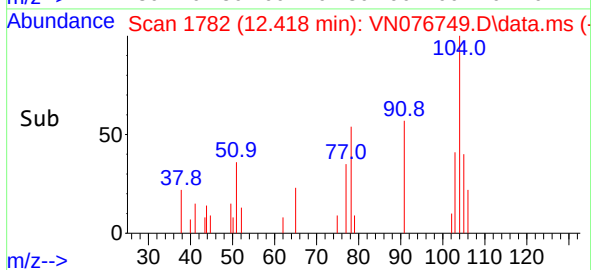
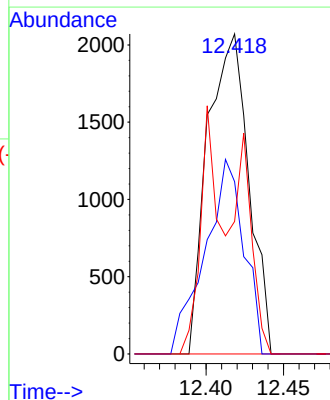
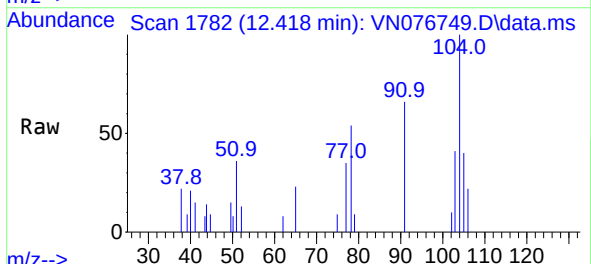
Instrument :
MSVOA_N
ClientSampleId :
MDL04

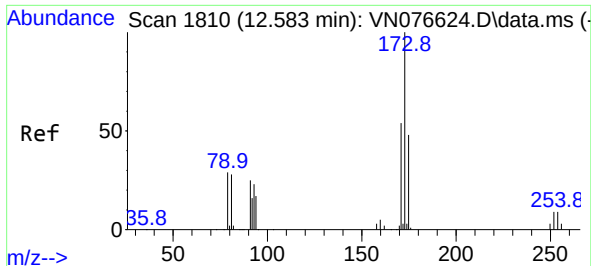
Tgt Ion:106 Resp: 2717
Ion Ratio Lower Upper
106 100
91 214.2 105.8 317.4



#70
Styrene
Concen: 0.398 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:104 Resp: 3817
Ion Ratio Lower Upper
104 100
78 57.6 38.2 57.4#
103 29.0 44.2 66.4#

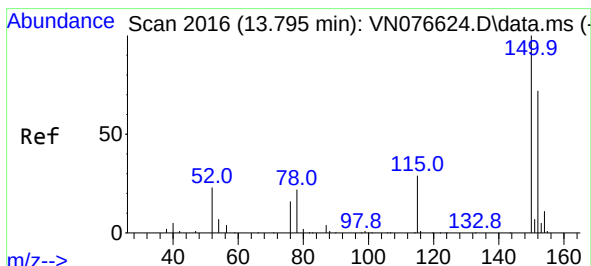
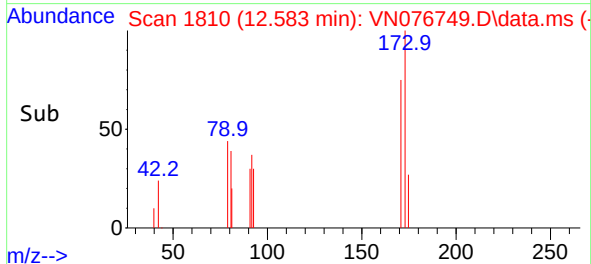
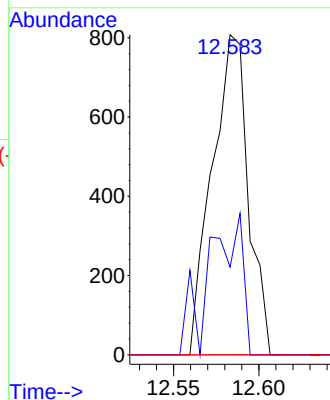
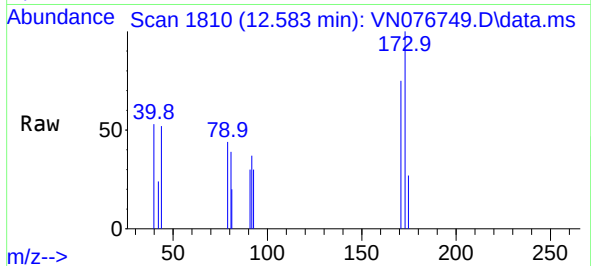




#71
Bromoform
Concen: 0.485 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

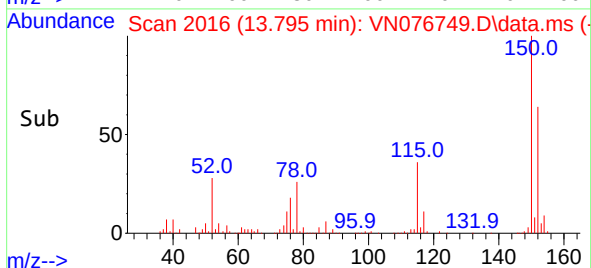
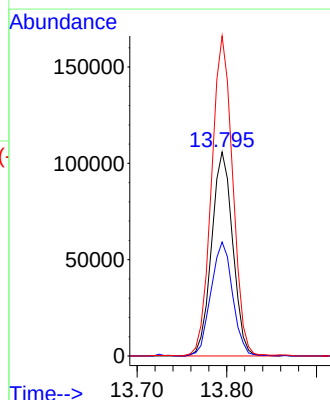
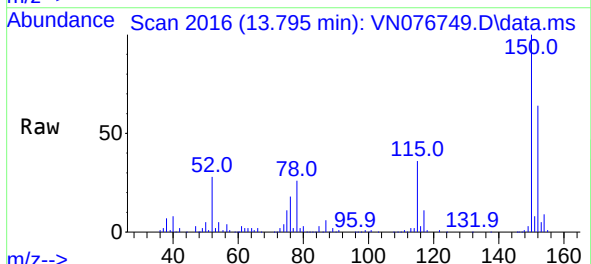
Instrument :
MSVOA_N
ClientSampleId :
MDL04

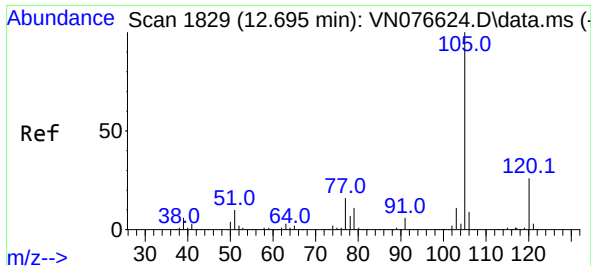
Tgt Ion:173 Resp: 1195
Ion Ratio Lower Upper
173 100
175 40.8 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:152 Resp: 173114
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.9
150 157.3 0.0 349.8

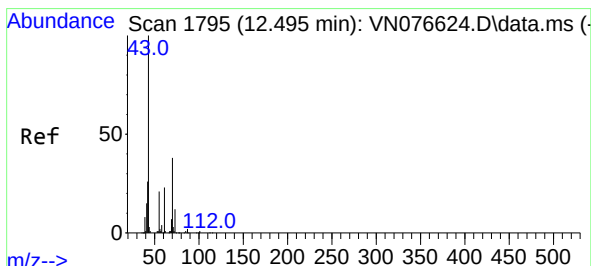
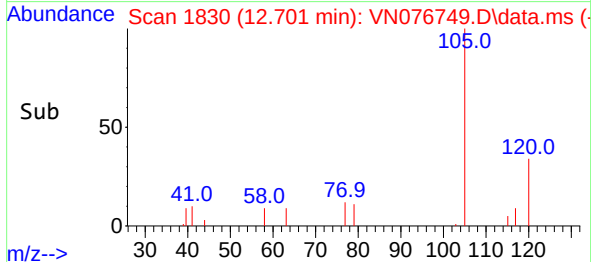
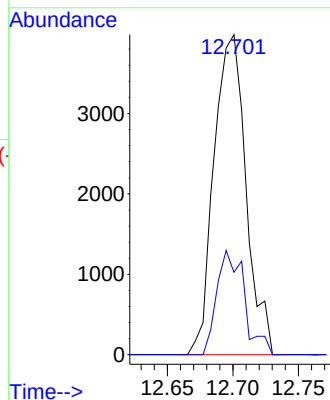
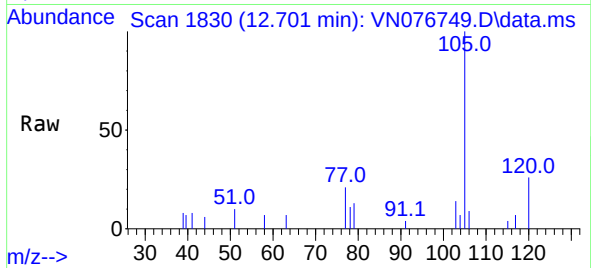




#73
Isopropylbenzene
Concen: 0.533 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

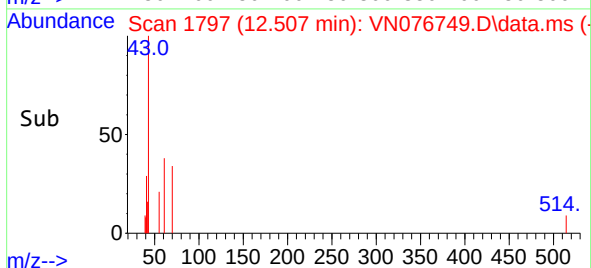
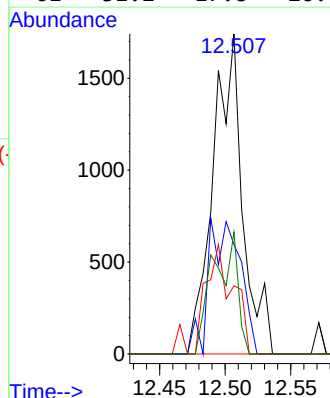
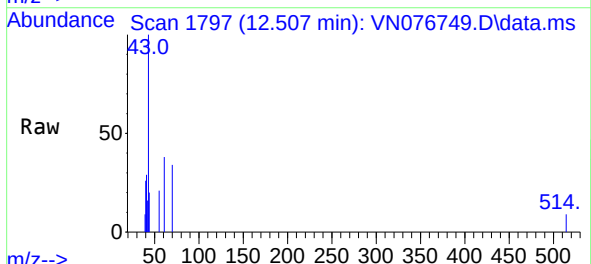
Instrument :
MSVOA_N
ClientSampleId :
MDL04

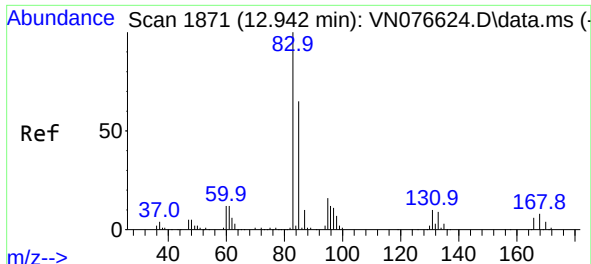
Tgt Ion:105 Resp: 6762
Ion Ratio Lower Upper
105 100
120 28.1 13.7 41.0



#74
N-ethyl acetate
Concen: 0.478 ug/l
RT: 12.507 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 43 Resp: 2732
Ion Ratio Lower Upper
43 100
70 44.7 30.5 45.7
55 31.1 17.8 26.8#
61 31.2 17.8 26.8#

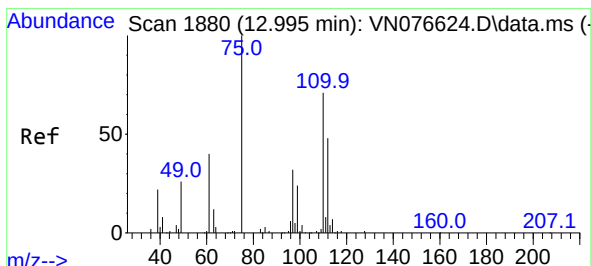
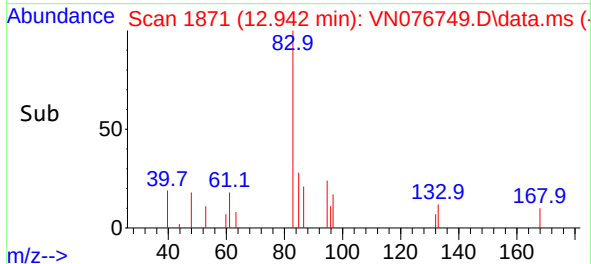
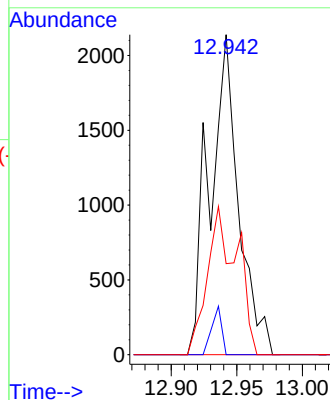
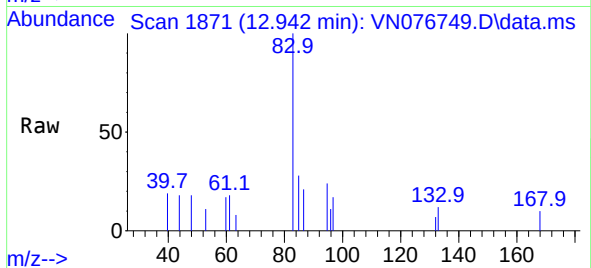




#75
1,1,2,2-Tetrachloroethane
Concen: 0.717 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

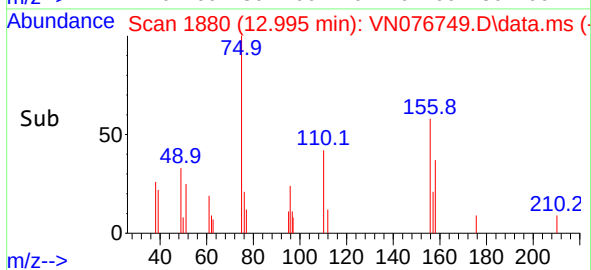
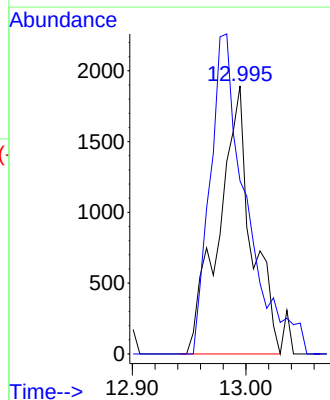
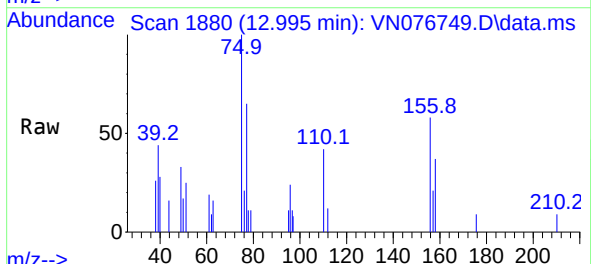
Instrument :
MSVOA_N
ClientSampleId :
MDL04

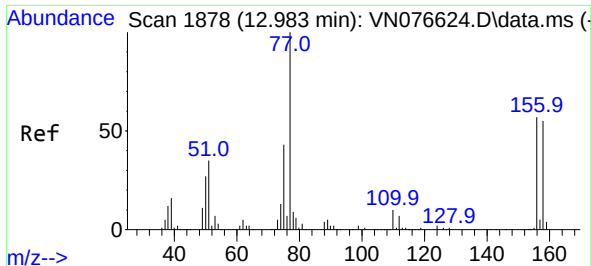
Tgt Ion: 83 Resp: 3295
Ion Ratio Lower Upper
83 100
131 5.2 5.0 15.0
85 47.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 1.083 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 75 Resp: 3790
Ion Ratio Lower Upper
75 100
77 132.3 93.1 279.3

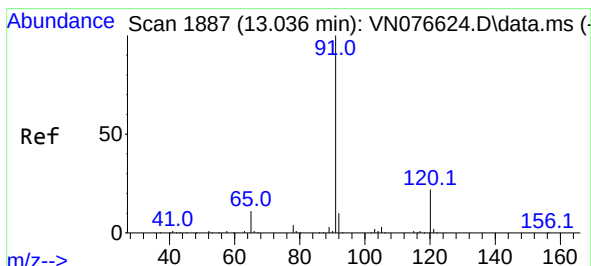
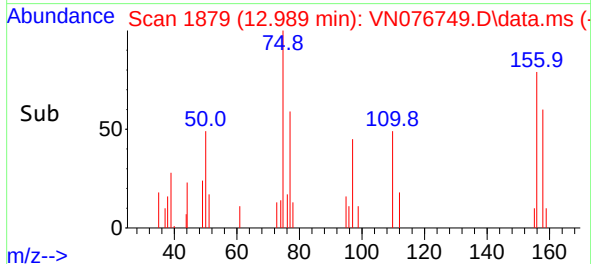
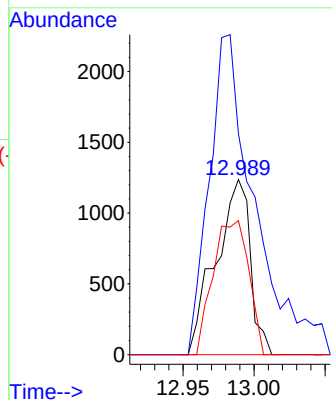
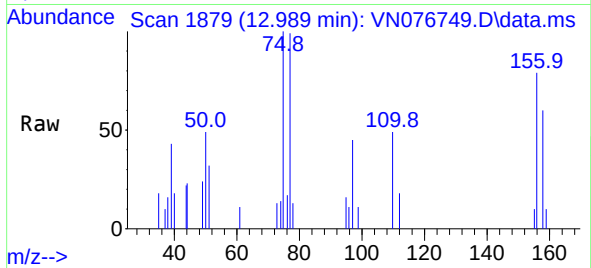




#77
Bromobenzene
Concen: 0.661 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

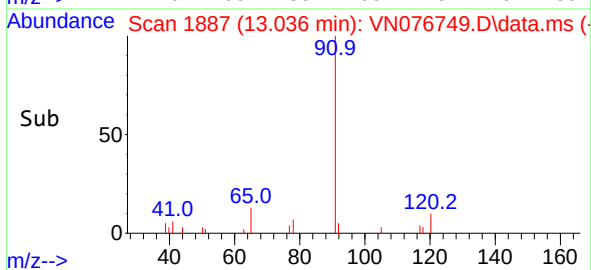
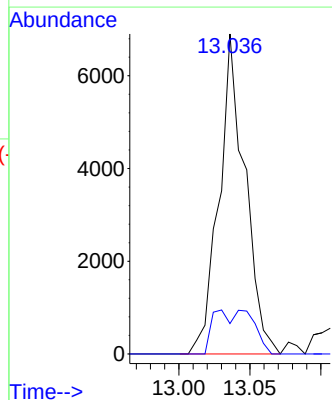
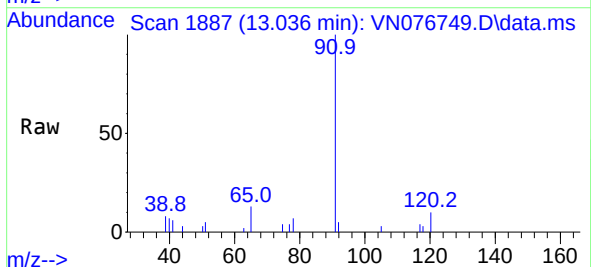
Instrument :
MSVOA_N
ClientSampleId :
MDL04

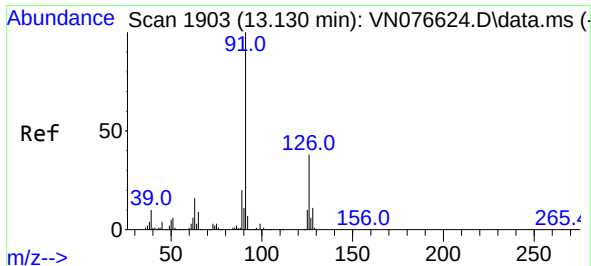
Tgt Ion:156 Resp: 2092
Ion Ratio Lower Upper
156 100
77 239.6 102.8 308.4
158 79.2 48.9 146.6



#78
n-propylbenzene
Concen: 0.588 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 91 Resp: 8756
Ion Ratio Lower Upper
91 100
120 10.1 11.5 34.5#





#79

2-Chlorotoluene

Concen: 0.664 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

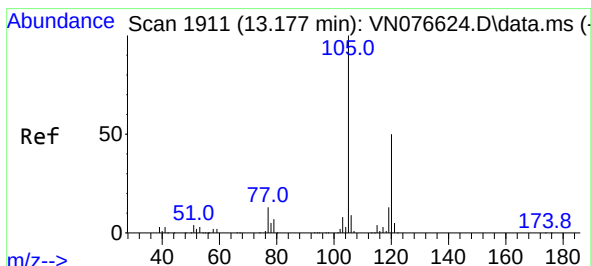
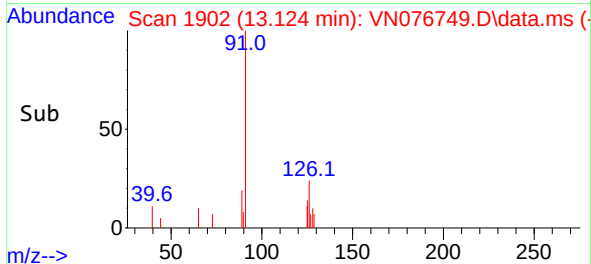
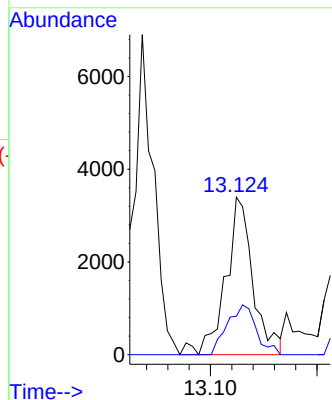
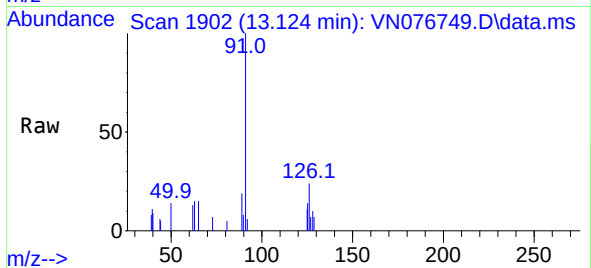
MDL04

Tgt Ion: 91 Resp: 6058

Ion Ratio Lower Upper

91 100

126 33.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 0.514 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076749.D

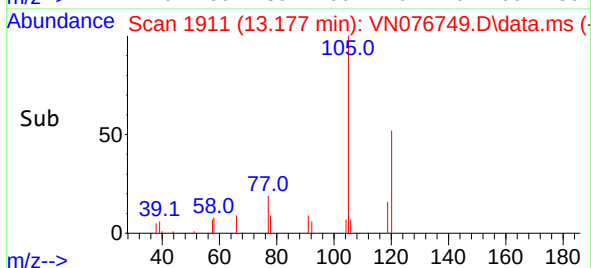
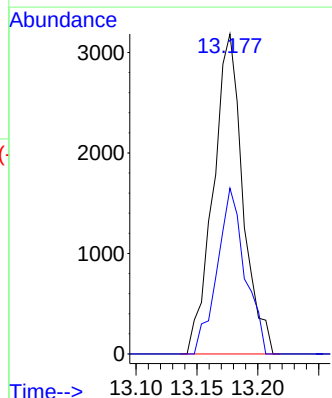
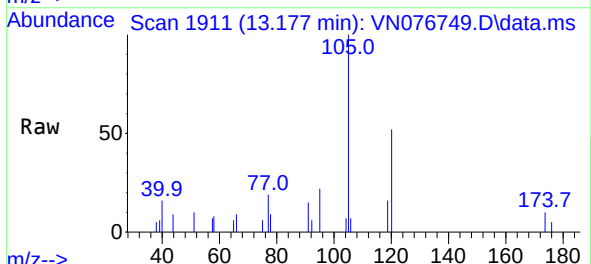
Acq: 21 Feb 2023 13:48

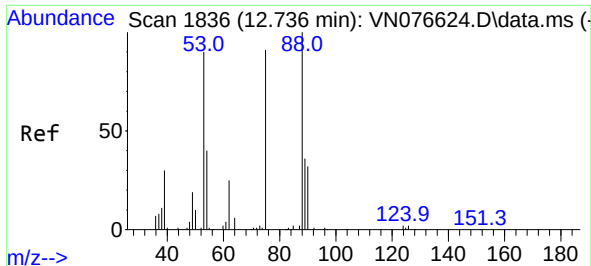
Tgt Ion: 105 Resp: 5387

Ion Ratio Lower Upper

105 100

120 48.7 25.1 75.4

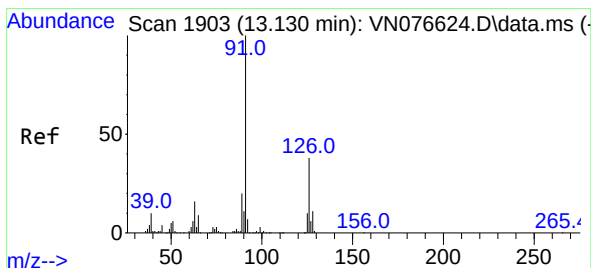
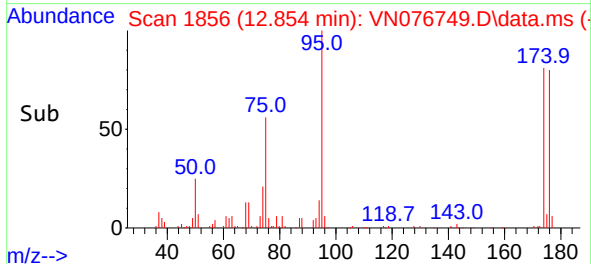
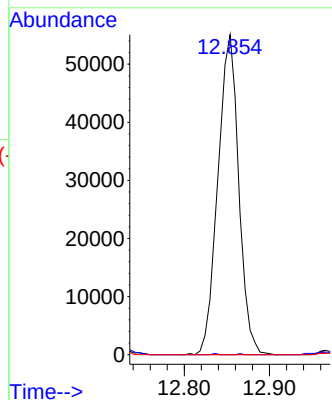
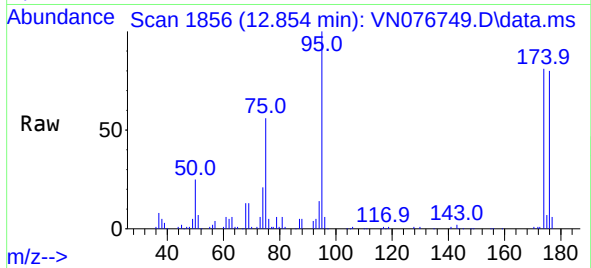




#81
trans-1,4-Dichloro-2-butene
Concen: 77.872 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

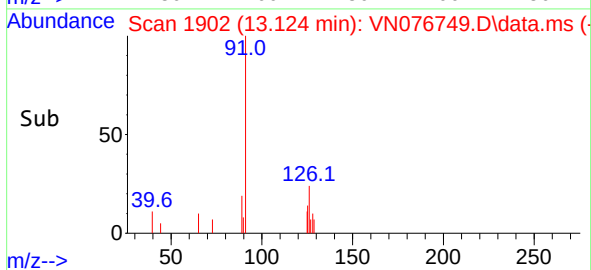
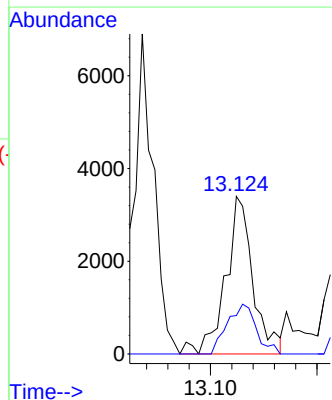
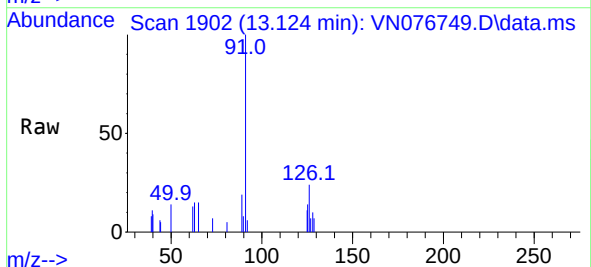
Instrument :
MSVOA_N
ClientSampleId :
MDL04

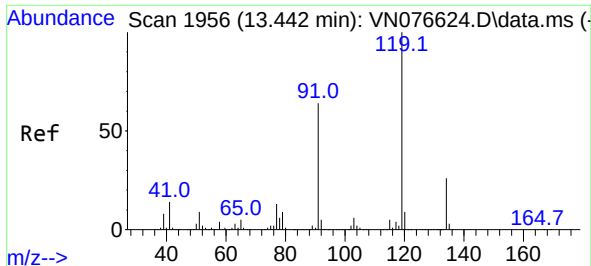
Tgt Ion: 75 Resp: 93575
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#



#82
4-Chlorotoluene
Concen: 0.664 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 91 Resp: 6058
Ion Ratio Lower Upper
91 100
126 33.5 17.7 53.1

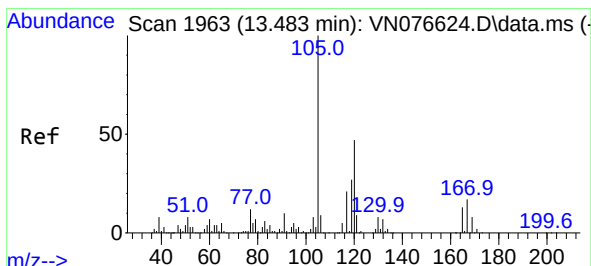
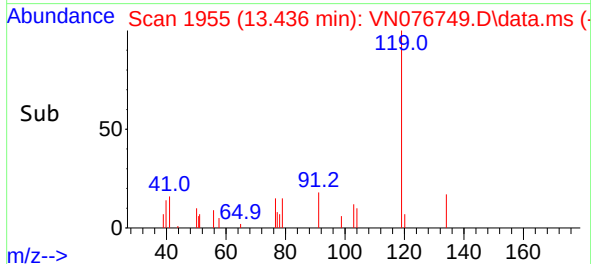
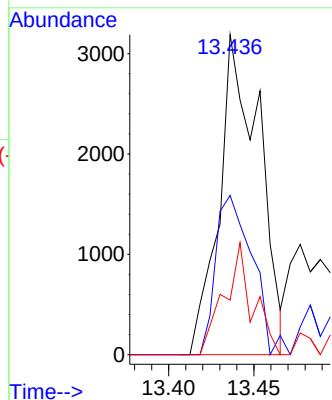
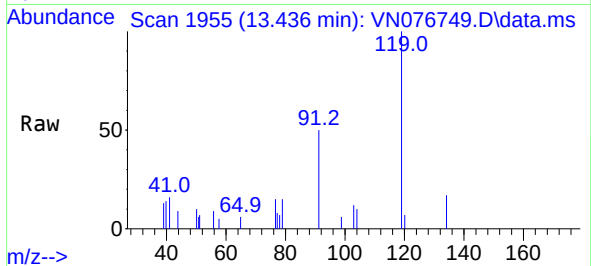




#83
tert-Butylbenzene
Concen: 0.550 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

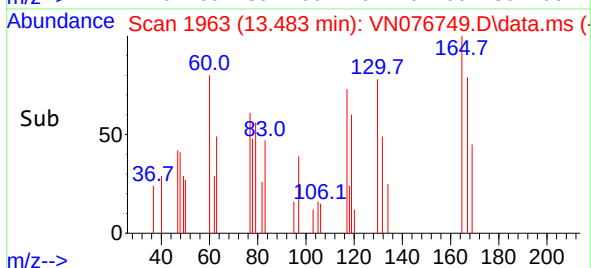
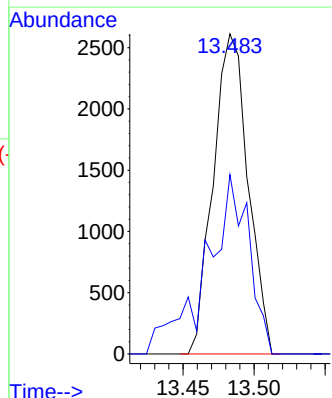
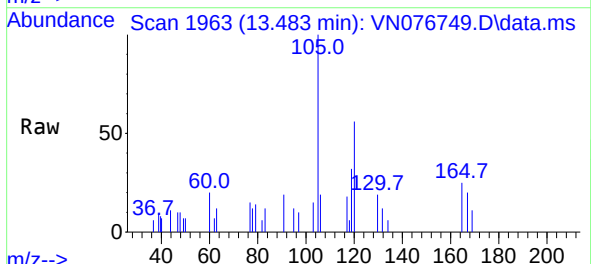
Instrument :
MSVOA_N
ClientSampleId :
MDL04

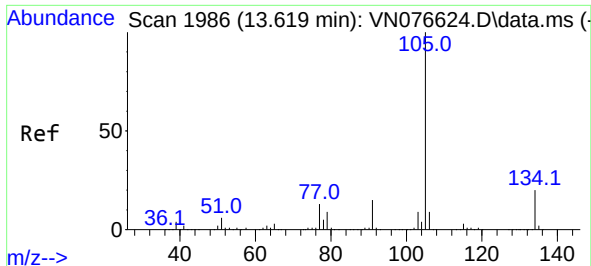
Tgt Ion:	119	Resp:	5219
Ion	Ratio	Lower	Upper
119	100		
91	45.5	32.0	96.2
134	24.7	13.8	41.4



#84
1,2,4-Trimethylbenzene
Concen: 0.427 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:	105	Resp:	4458
Ion	Ratio	Lower	Upper
105	100		
120	69.2	23.0	69.0#

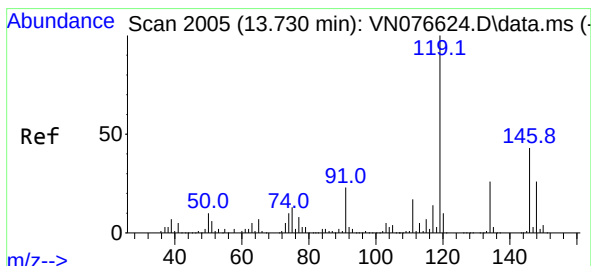
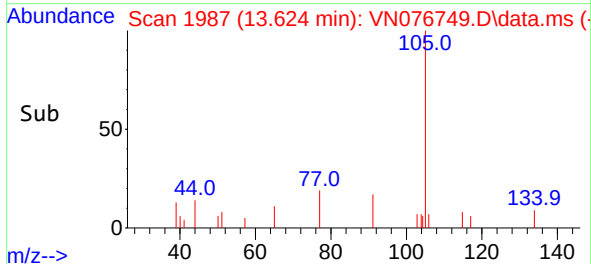
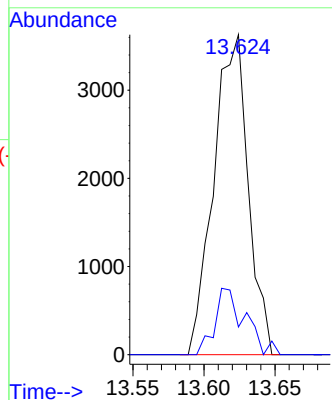
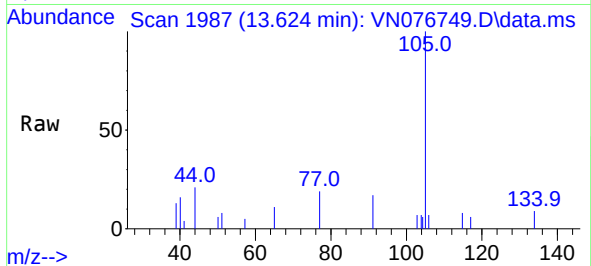




#85
 sec-Butylbenzene
 Concen: 0.462 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

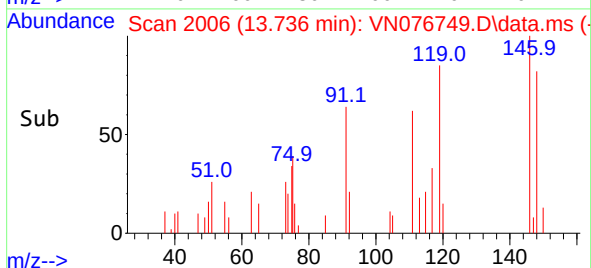
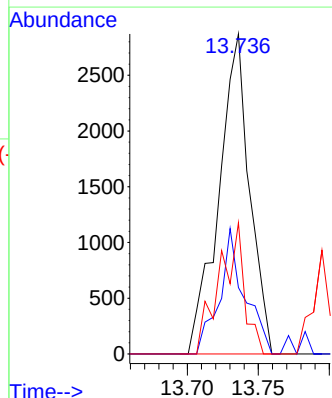
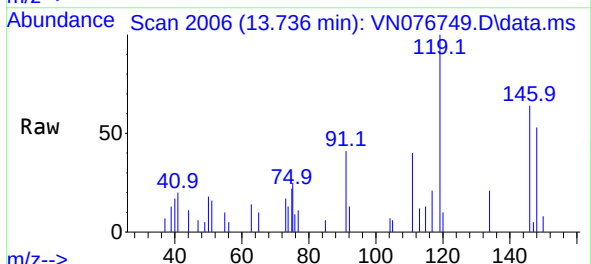
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04

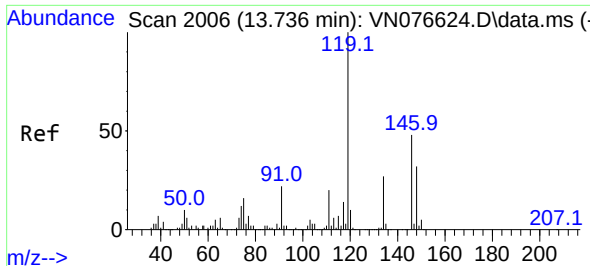
Tgt Ion:105 Resp: 6120
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.410 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

Tgt Ion:119 Resp: 4339
 Ion Ratio Lower Upper
 119 100
 134 32.1 13.4 40.1
 91 33.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 0.639 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

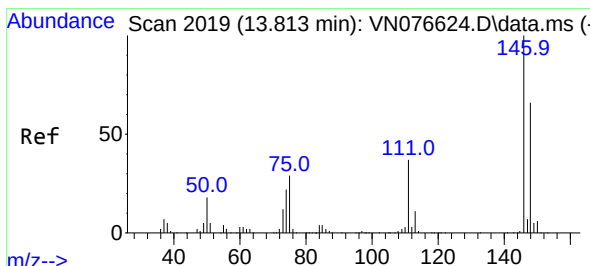
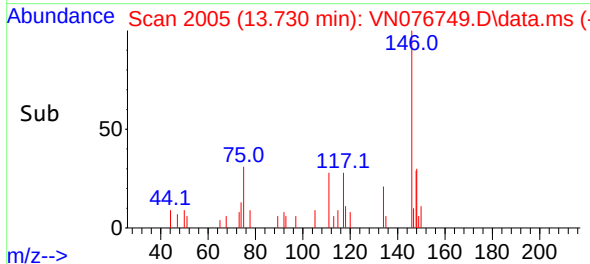
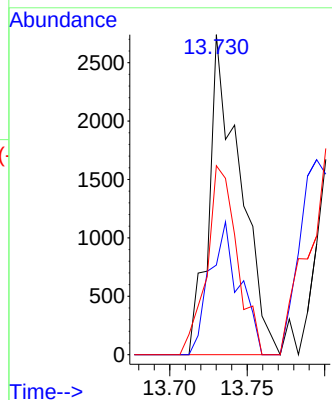
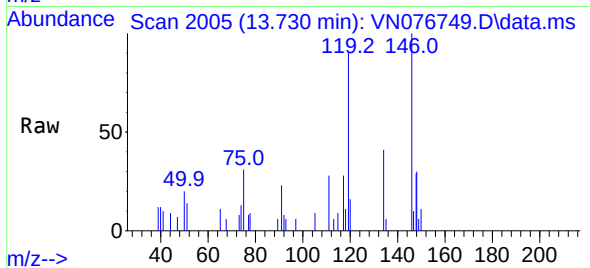
Tgt Ion:146 Resp: 3822

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

148 57.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.641 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.083 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

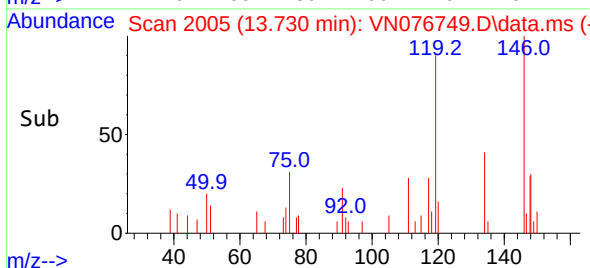
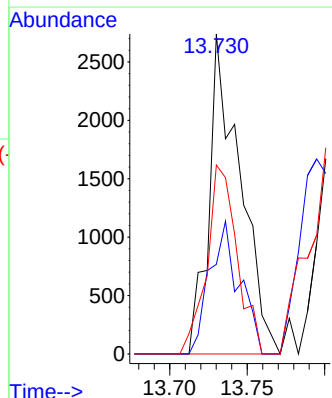
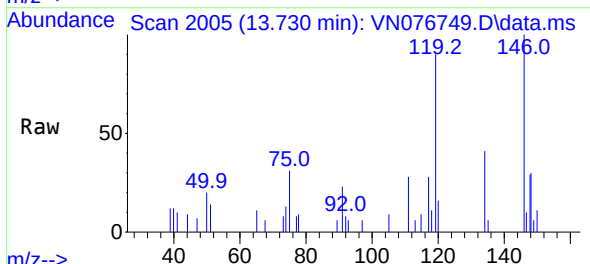
Tgt Ion:146 Resp: 3822

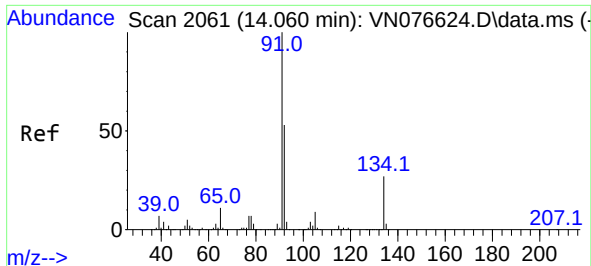
Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.1

148 57.4 32.7 98.1

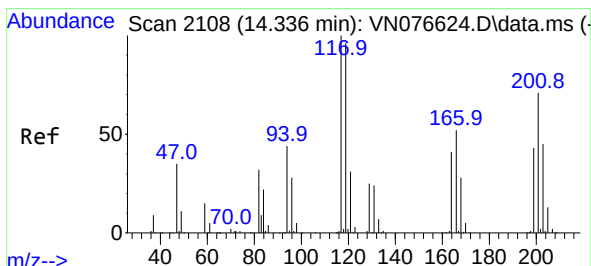
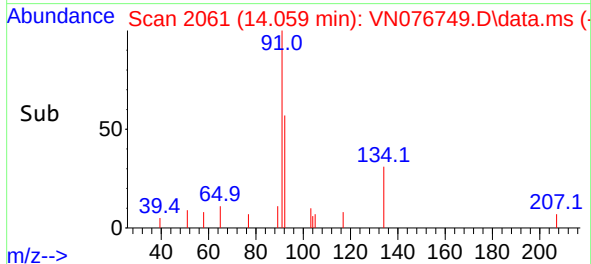
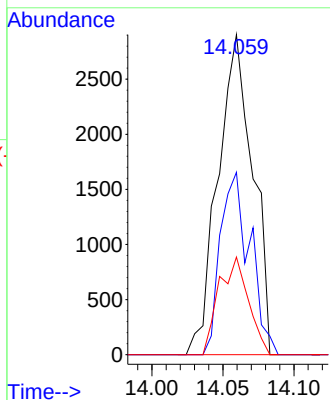
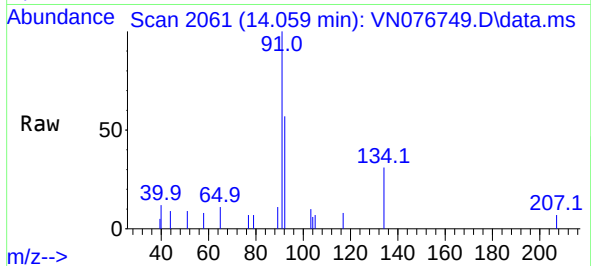




#89
n-Butylbenzene
Concen: 0.537 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

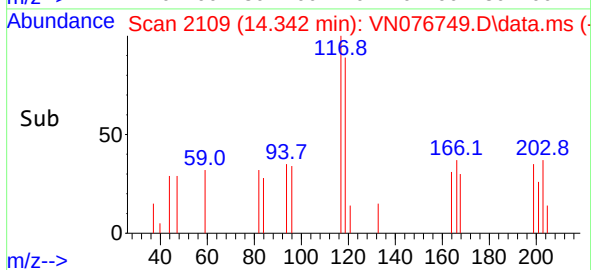
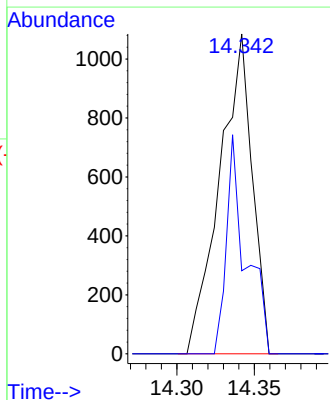
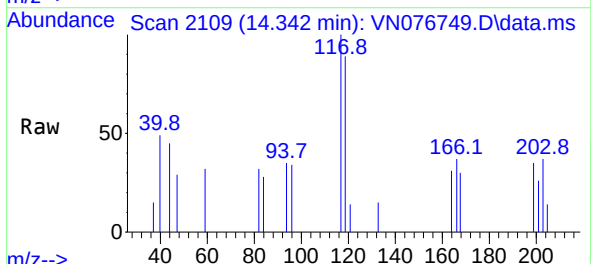
Instrument :
MSVOA_N
ClientSampleId :
MDL04

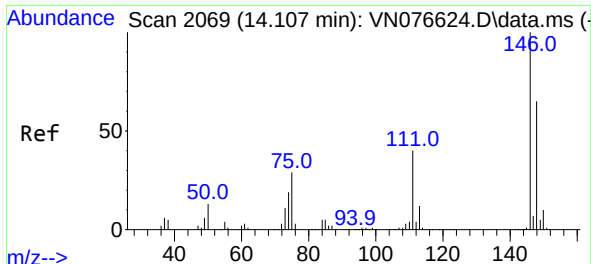
Tgt Ion: 91	Resp: 4936
Ion Ratio	Lower Upper
91	100
92	48.6 26.4 79.0
134	26.0 13.2 39.5



#90
Hexachloroethane
Concen: 0.717 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 117	Resp: 1587
Ion Ratio	Lower Upper
117	100
201	40.6 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 0.494 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.005 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

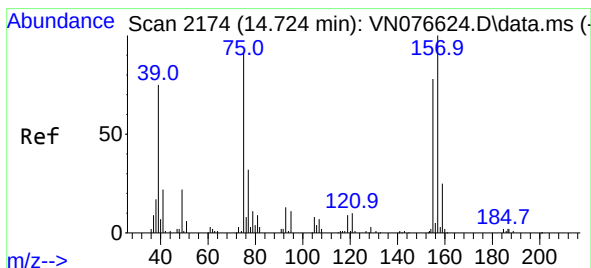
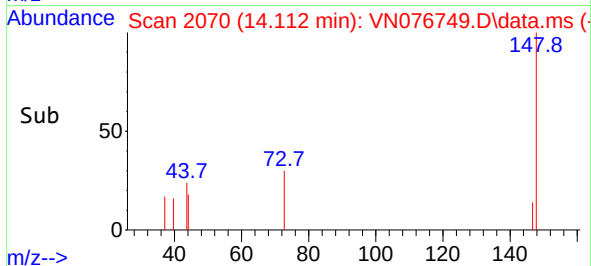
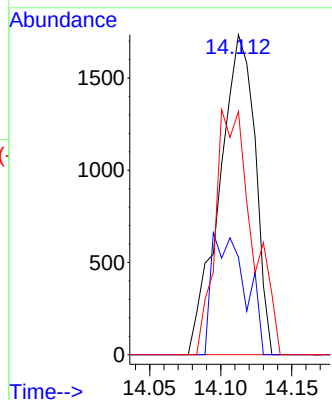
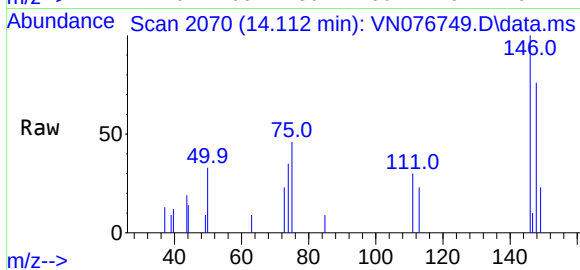
Tgt Ion:146 Resp: 3028

Ion Ratio Lower Upper

146 100

111 35.3 20.0 59.9

148 79.0 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.720 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

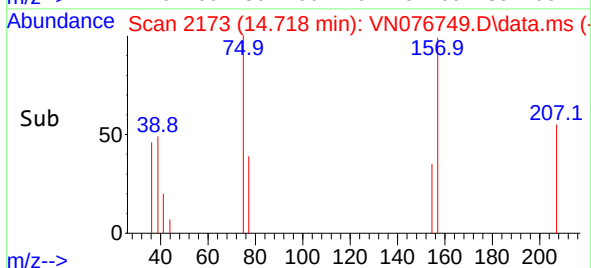
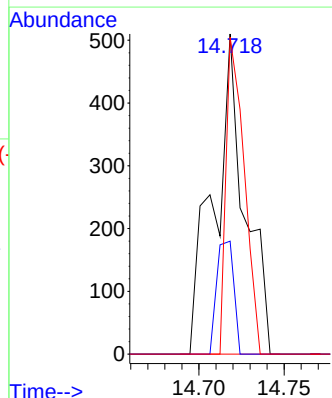
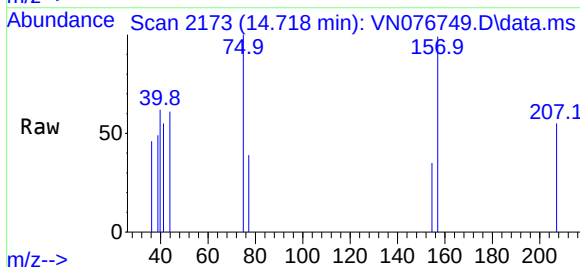
Tgt Ion: 75 Resp: 641

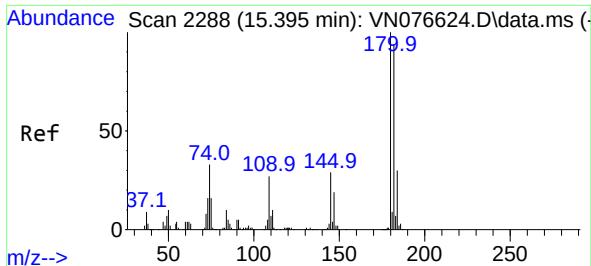
Ion Ratio Lower Upper

75 100

155 19.5 43.4 130.2#

157 58.5 55.2 165.6

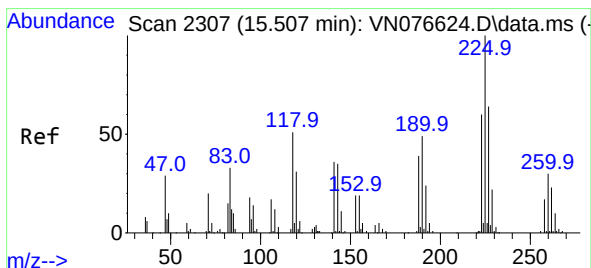
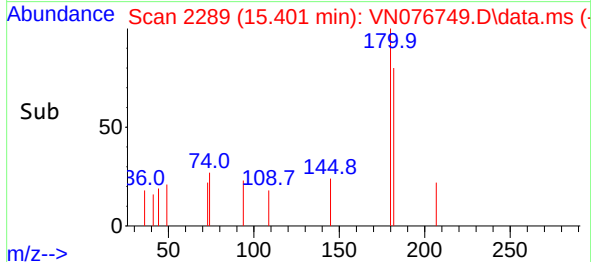
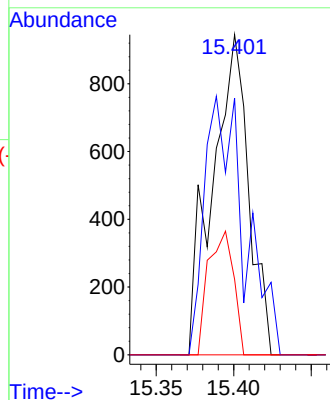
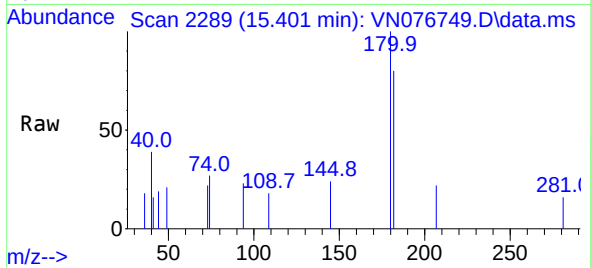




#93
1,2,4-Trichlorobenzene
Concen: 0.502 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

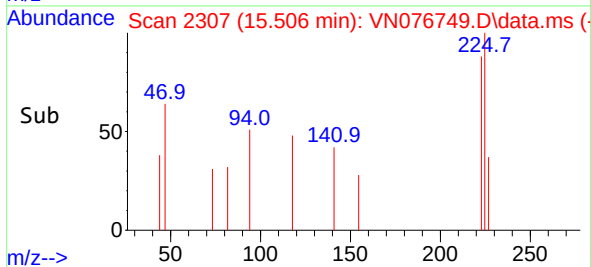
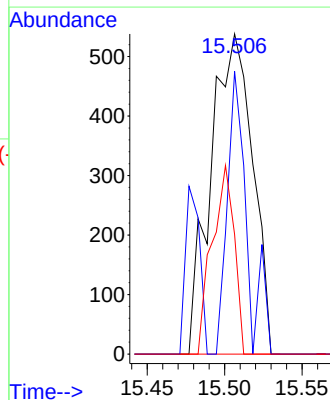
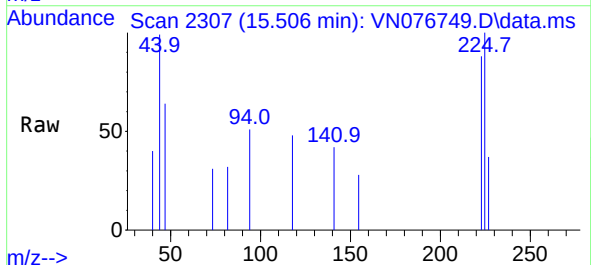
Instrument :
MSVOA_N
ClientSampleId :
MDL04

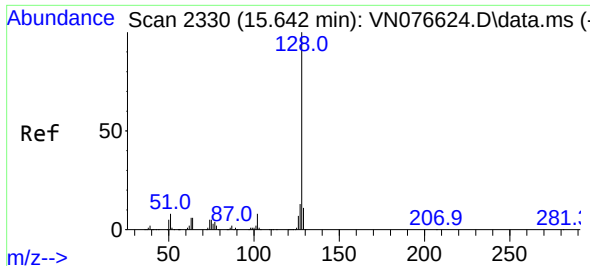
Tgt Ion:180 Resp: 1536
Ion Ratio Lower Upper
180 100
182 88.3 48.0 144.0
145 26.9 15.2 45.6



#94
Hexachlorobutadiene
Concen: 0.674 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:225 Resp: 1011
Ion Ratio Lower Upper
225 100
223 41.1 31.6 95.0
227 31.1 31.3 93.9#

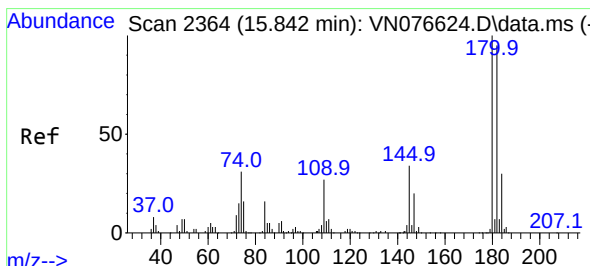
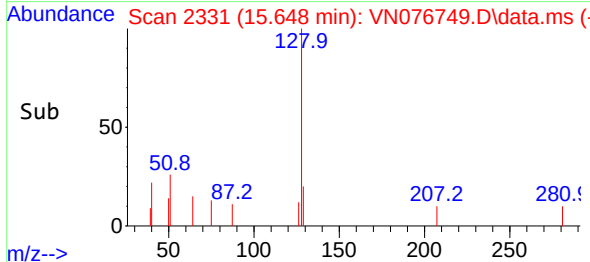
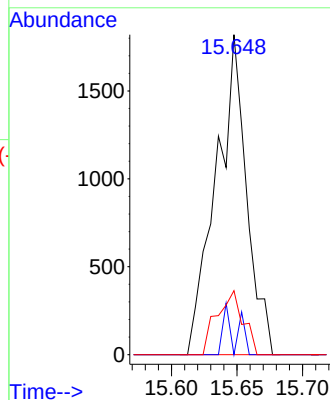
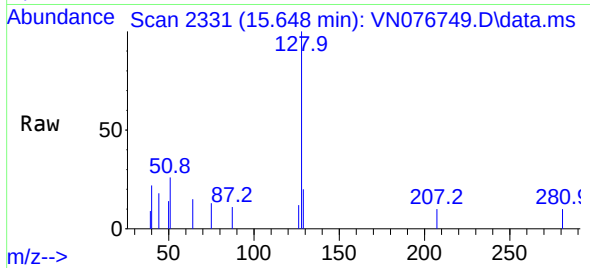




#95
Naphthalene
Concen: 0.319 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion:128 Resp: 2958
Ion Ratio Lower Upper
128 100
127 6.4 10.6 16.0#
129 17.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.460 ug/l
RT: 15.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:180 Resp: 1365
Ion Ratio Lower Upper
180 100
182 124.0 46.7 140.1
145 14.2 16.0 47.9#

