

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041719.D
 Acq On : 11 Dec 2024 14:10
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:14:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	291384	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	1427448	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1277950	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	847807	10.092	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.499	85	445681	8.714	ppbv 100
3) Chlorodifluoromethane	1.476	51	364202	9.182	ppbv 100
4) Chloromethane	1.534	50	119978	8.840	ppbv 100
5) Vinyl Chloride	1.583	62	139269	8.378	ppbv 100
6) Bromomethane	1.670	94	96195	8.824	ppbv 100
7) Chloroethane	1.706	64	62450	8.636	ppbv 100
8) Dichlorotetrafluoroethane	1.557	85	356384	8.546	ppbv 100
9) Propene	1.486	41	151298	8.945	ppbv 100
10) Heptane	4.994	43	445623	9.530	ppbv 100
11) Trichlorofluoromethane	1.881	101	512210	8.697	ppbv 100
12) 1,1,2-Trichlorotrifluo...	2.143	101	456455	8.608	ppbv 100
13) Ethanol	1.722	45	6717	4.801	ppbv 100
14) Bromoethene	1.784	108	172666	8.884	ppbv 100
15) Acetone	1.839	43	242436	7.206	ppbv 100
16) 1,3-Butadiene	1.612	39	98195	8.701	ppbv 100
17) tert-Butyl alcohol	2.043	59	434773	8.914	ppbv 100
18) 1,1-Dichloroethene	2.036	96	208287	8.496	ppbv 100
19) Isopropyl Alcohol	1.887	45	172188	5.388	ppbv 100
20) Methylene Chloride	2.065	84	166024	8.147	ppbv 100
21) Allyl Chloride	2.101	41	171424	9.049	ppbv 100
22) trans-1,2-Dichloroethene	2.347	96	241961	8.622	ppbv 100
23) Vinyl Acetate	2.467	43	193830	9.515	ppbv 100
24) 1,1-Dichloroethane	2.415	63	330606	8.727	ppbv 100
25) Ethyl Acetate	4.994	43	445623	9.530	ppbv # 100
26) Hexane	2.832	57	423860	9.347	ppbv 100
27) Carbon Disulfide	2.156	76	449721	9.632	ppbv 100
28) Methyl tert-Butyl Ether	2.447	73	316057	9.285	ppbv 100
29) Chloroform	2.855	83	644825	9.289	ppbv 100
30) Cyclohexane	3.868	84	482102	9.460	ppbv 100
31) cis-1,2-Dichloroethene	2.726	61	397098	9.449	ppbv 100
32) 1,1,1-Trichloroethane	3.376	97	652293	9.555	ppbv 100
34) 2-Butanone	2.560	43	455226	9.108	ppbv 100
35) Carbon Tetrachloride	3.774	117	685768	10.315	ppbv 100
36) Benzene	3.664	78	1049009	9.347	ppbv 100
37) 1,2-Dichloroethane	3.227	62	385313	9.504	ppbv 100
38) Trichloroethene	4.561	130	553361	9.507	ppbv 100
39) 1,2-Dichloropropane	4.324	63	341481	9.549	ppbv 100
40) 1,4-Dioxane	4.596	88	203183	9.416	ppbv # 100
41) Tetrahydrofuran	3.062	42	286980	9.528	ppbv 100
42) Bromodichloromethane	4.502	83	668686	10.216	ppbv 100
43) Methyl Methacrylate	4.894	69	395756	9.790	ppbv 100
44) 2,2,4-Trimethylpentane	4.655	57	1466254	9.385	ppbv 100
45) t-1,3-Dichloropropene	6.431	75	392029	9.905	ppbv 100

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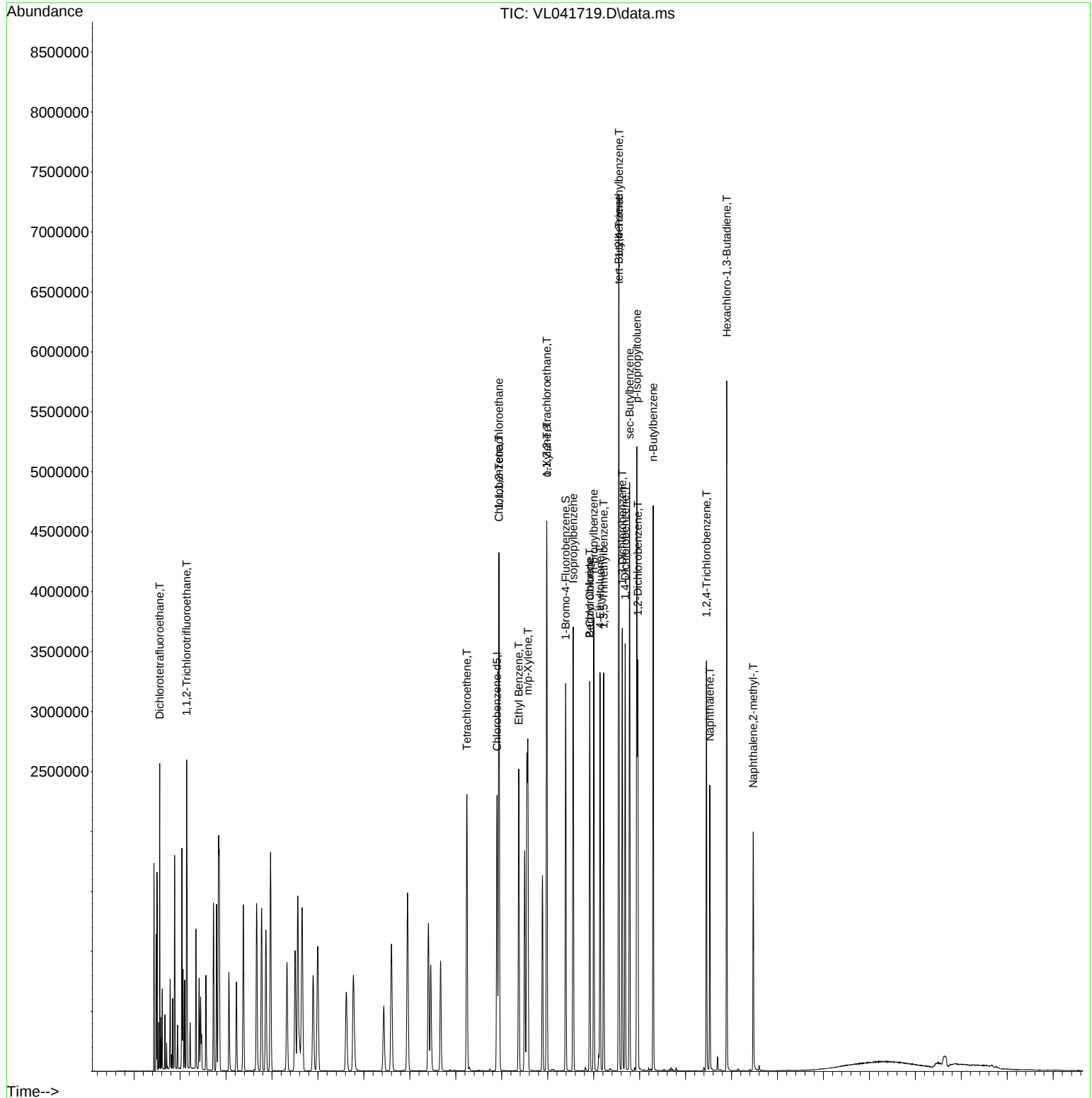
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	526762	10.056	ppbv	100
47) 1,1,2-Trichloroethane	6.600	97	448203	9.412	ppbv	100
48) Dibromochloromethane	7.406	129	717775	10.461	ppbv	100
49) Bromoform	9.500	173	721259	10.987	ppbv	100
50) 4-Methyl-2-Pentanone	5.771	43	675816	9.427	ppbv	100
51) 2-Hexanone	7.454	43	544093	9.228	ppbv	100
52) Tetrachloroethene	8.241	164	548139	9.218	ppbv	100
53) Toluene	6.949	91	1297617	9.408	ppbv	100
54) 1,2-Dibromoethane	7.668	107	633106	9.726	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	594125	10.000	ppbv	100
57) Chlorobenzene	8.937	112	1093018	9.399	ppbv	100
58) Ethyl Benzene	9.370	91	1625552	9.505	ppbv	100
59) m/p-Xylene	9.568	91	1114692	8.508	ppbv #	6
60) o-Xylene	9.979	91	1239639	9.541	ppbv	100
61) Styrene	9.885	104	725710	10.118	ppbv	100
62) Isopropylbenzene	10.555	105	2011979	9.386	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	802268	9.543	ppbv	100
64) n-propylbenzene	11.002	120	607024	9.619	ppbv	100
65) tert-Butylbenzene	11.545	119	1900979	9.356	ppbv	100
66) Benzyl Chloride	10.914	91	1372889	9.422	ppbv	100
67) sec-Butylbenzene	11.782	105	2431886	9.246	ppbv	100
69) p-Isopropyltoluene	11.940	119	2140587	9.436	ppbv	100
70) n-Butylbenzene	12.296	91	1791267	9.515	ppbv	100
71) 2-Chlorotoluene	10.914	91	1372889	9.422	ppbv	100
72) 4-Ethyltoluene	11.138	105	1615742	9.630	ppbv	100
73) 1,3,5-Trimethylbenzene	11.219	105	1332277	9.815	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	1460995	9.901	ppbv	100
75) 1,3-Dichlorobenzene	11.623	146	1108805	9.403	ppbv	100
76) 1,4-Dichlorobenzene	11.685	146	1114894	9.573	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	1043603	9.346	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	778073	8.478	ppbv	100
79) Naphthalene	13.526	128	1306228	10.342	ppbv	100
80) Naphthalene,2-methyl-	14.471	142	723329	15.829	ppbv	100
81) 1,2,4-Trichlorobenzene	13.455	180	784350	9.863	ppbv	100

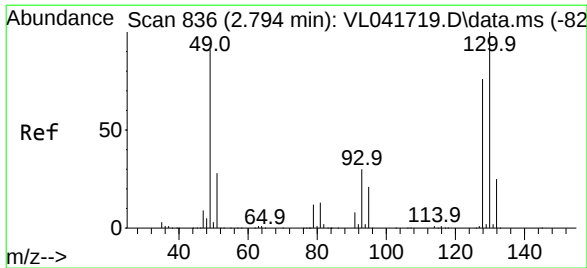
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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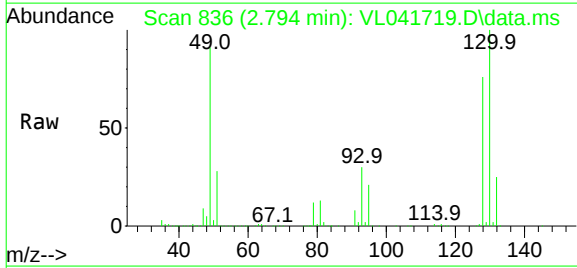
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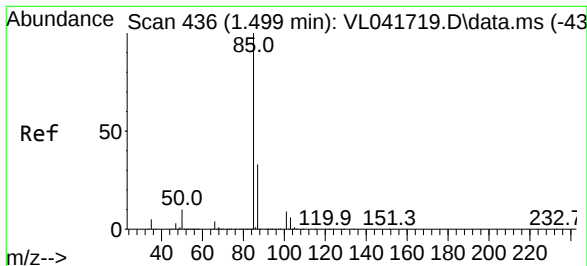
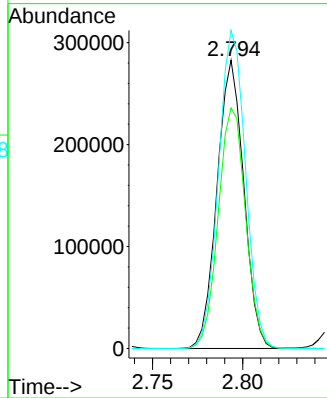
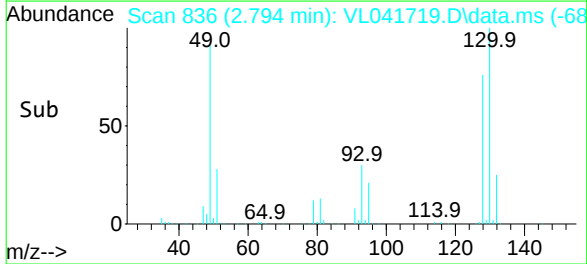


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 836
Delta R.T. -0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

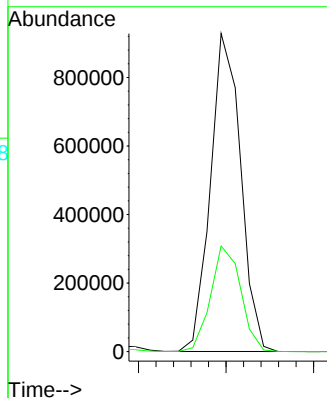
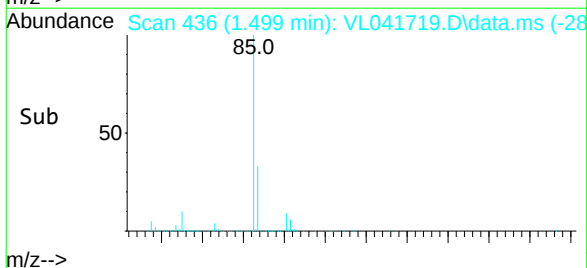
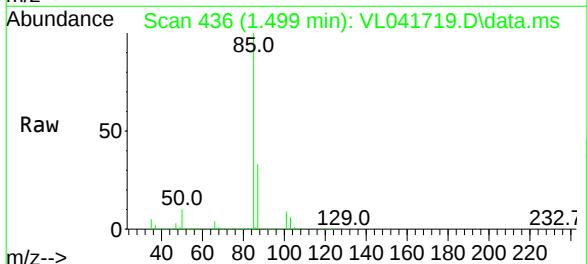


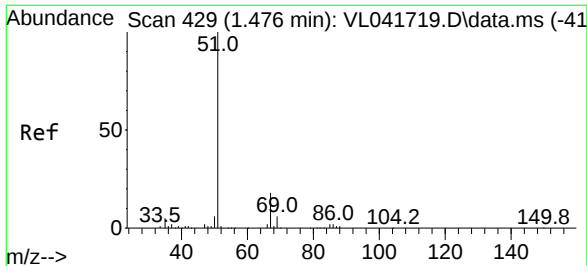
Tgt Ion: 49 Resp: 291384
Ion Ratio Lower Upper
49 100
128 85.5 42.8 128.3
130 111.6 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 8.714 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 85 Resp: 445681
Ion Ratio Lower Upper
85 100
87 33.2 26.6 39.8

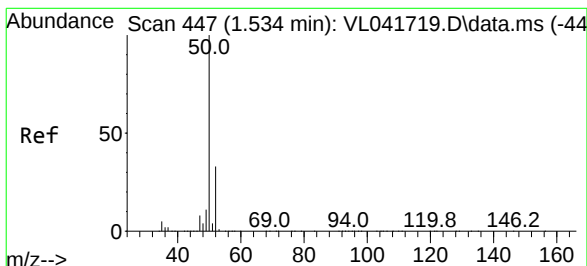
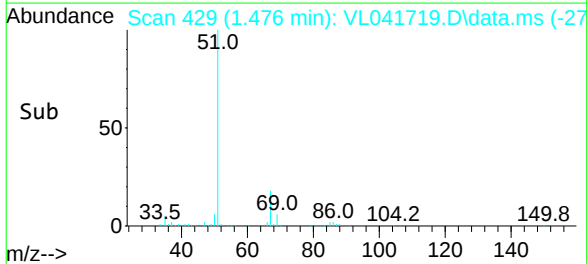
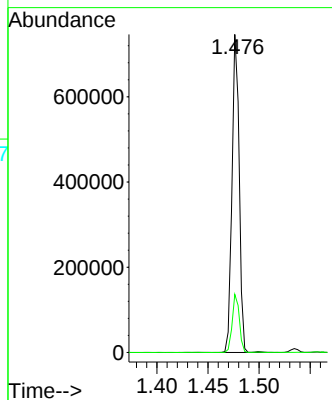
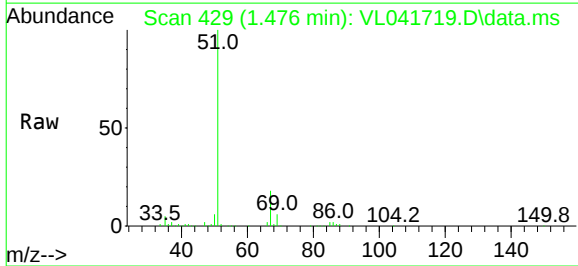




#3
Chlorodifluoromethane
Concen: 9.182 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

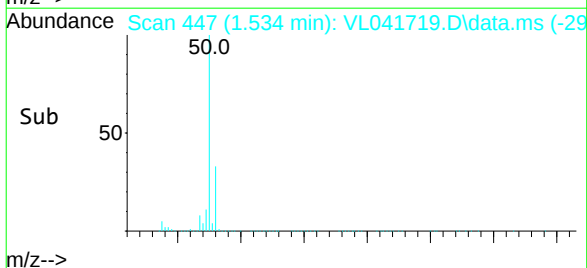
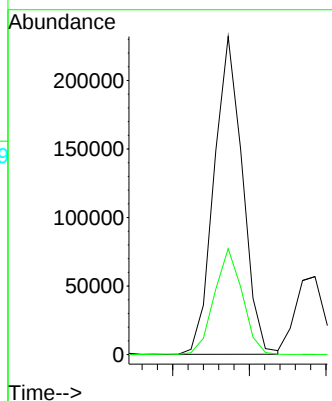
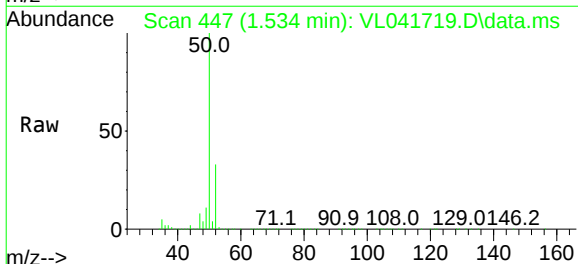
Instrument :
MSVOA_L
ClientSampleId :

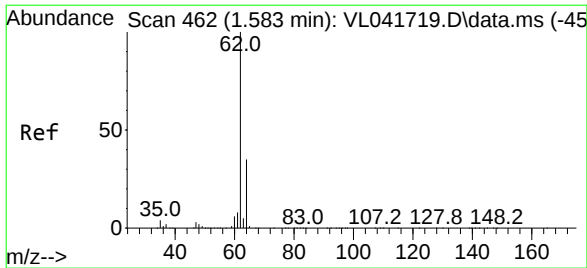
Tgt Ion: 51 Resp: 364202
Ion Ratio Lower Upper
51 100
67 18.2 14.6 21.8



#4
Chloromethane
Concen: 8.840 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

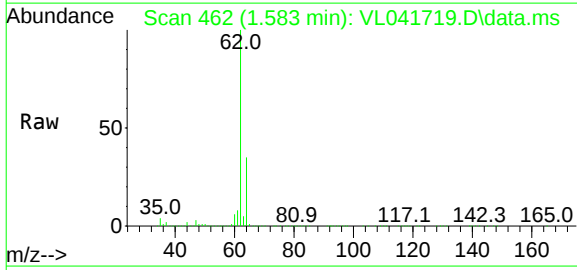
Tgt Ion: 50 Resp: 119978
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



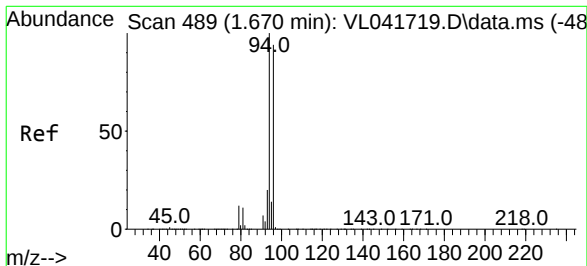
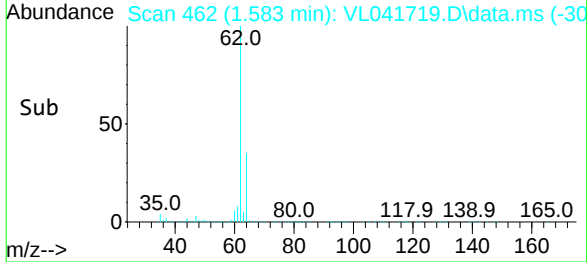
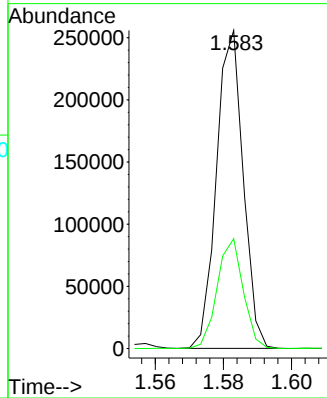


#5
Vinyl Chloride
Concen: 8.378 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

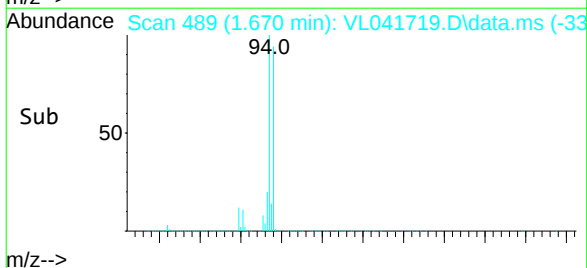
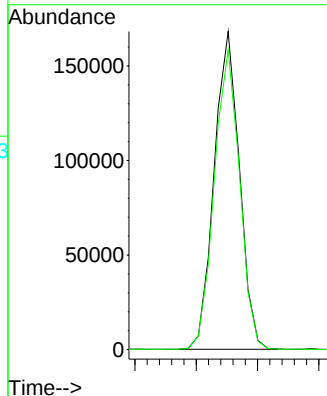
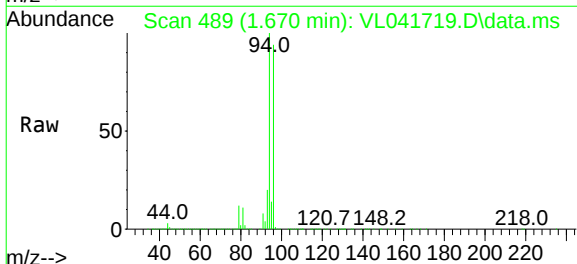


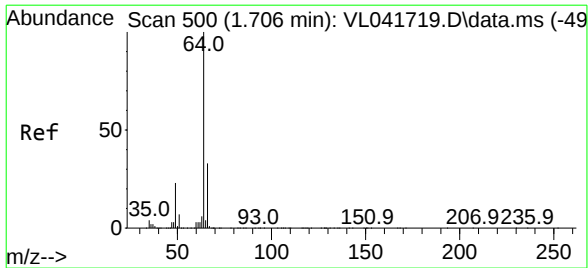
Tgt Ion: 62 Resp: 139269
Ion Ratio Lower Upper
62 100
64 34.5 27.6 41.4



#6
Bromomethane
Concen: 8.824 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 94 Resp: 96195
Ion Ratio Lower Upper
94 100
96 94.2 75.4 113.0

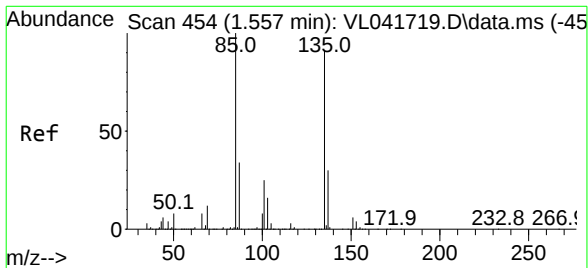
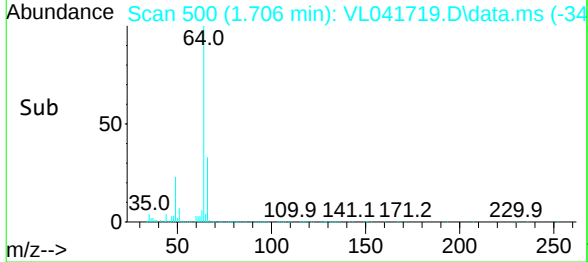
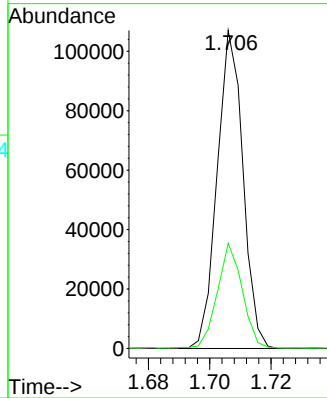
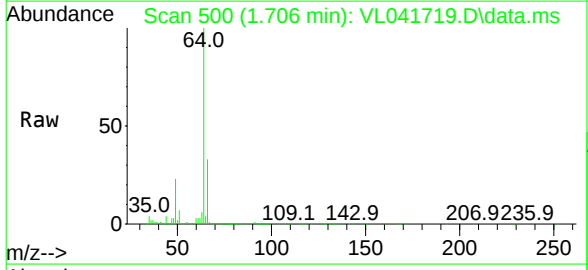




#7
Chloroethane
Concen: 8.636 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

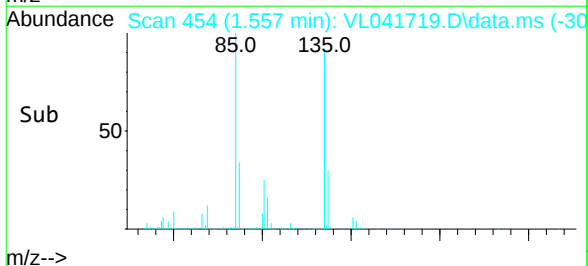
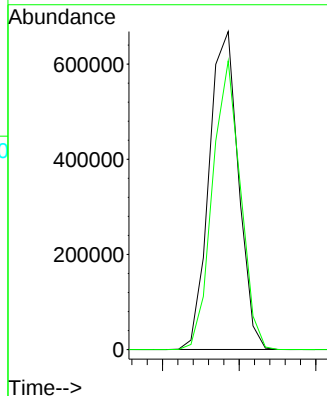
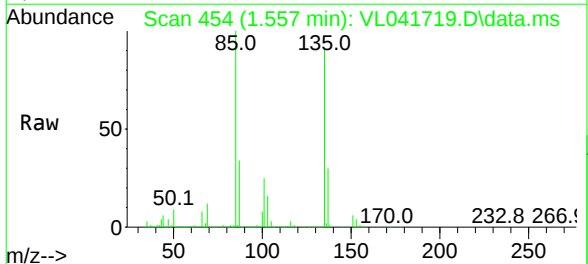
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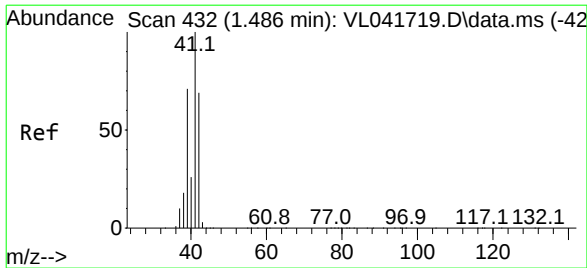
Tgt Ion: 64 Resp: 62450
Ion Ratio Lower Upper
64 100
66 33.1 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 8.546 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 85 Resp: 356384
Ion Ratio Lower Upper
85 100
135 86.3 69.0 103.6





#9

Propene

Concen: 8.945 ppbv

RT: 1.486 min Scan# 43

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

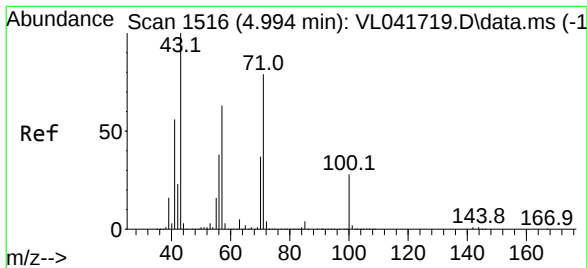
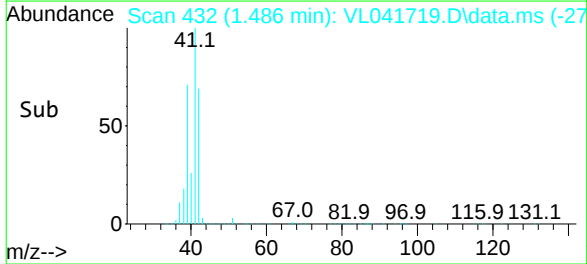
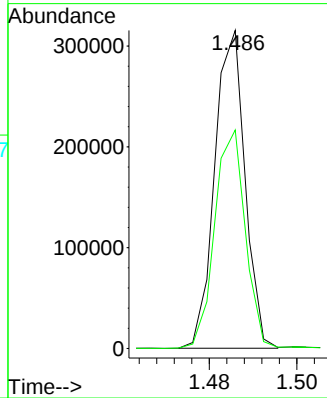
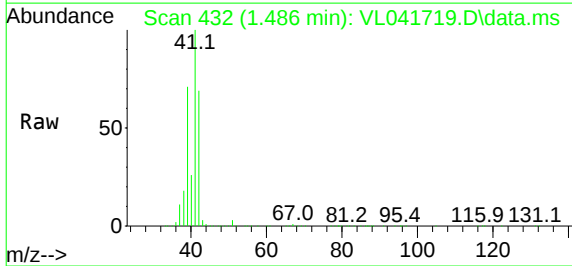
ClientSampleId :

Tgt Ion: 41 Resp: 151298

Ion Ratio Lower Upper

41 100

42 70.3 56.2 84.4



#10

Heptane

Concen: 9.530 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VL041719.D

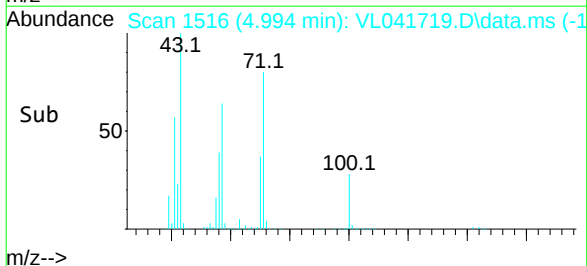
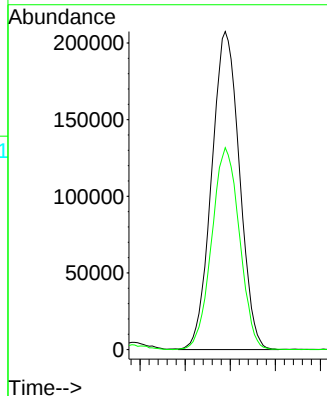
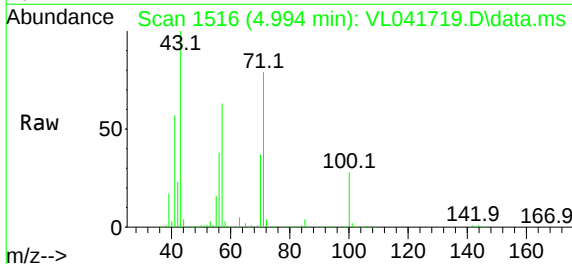
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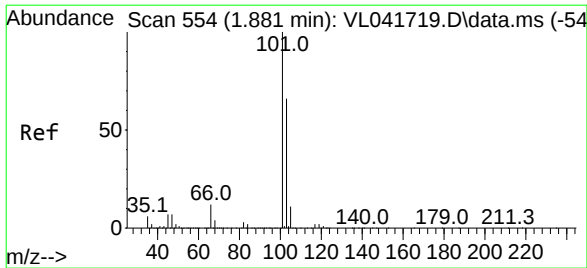
Tgt Ion: 43 Resp: 445623

Ion Ratio Lower Upper

43 100

57 63.1 50.5 75.7





#11

Trichlorofluoromethane

Concen: 8.697 ppbv

RT: 1.881 min Scan# 554

Delta R.T. 0.000 min

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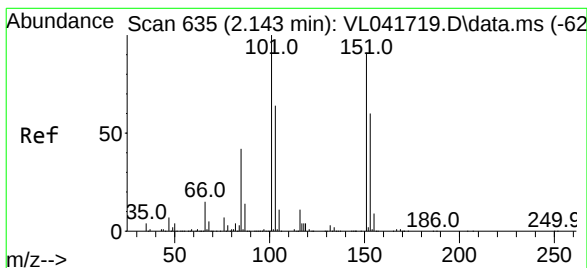
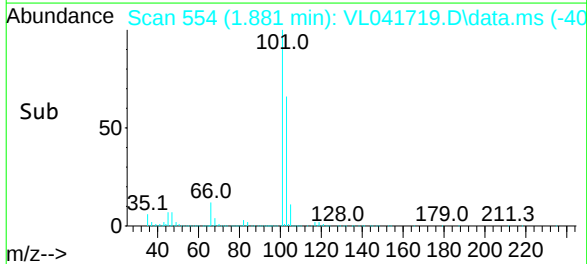
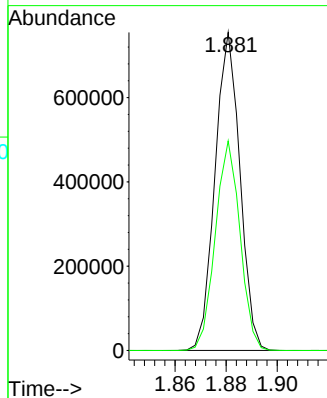
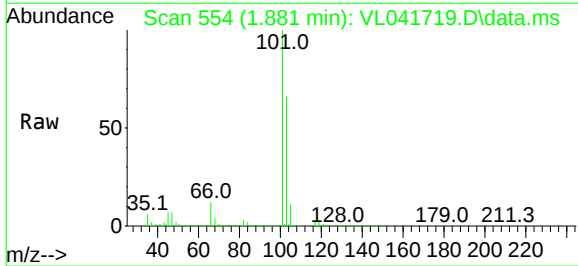
ClientSampleId :

Tgt Ion:101 Resp: 512210

Ion Ratio Lower Upper

101 100

103 65.9 52.7 79.1



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.608 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.000 min

Lab File: VL041719.D

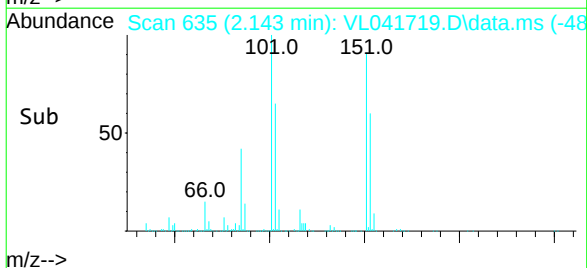
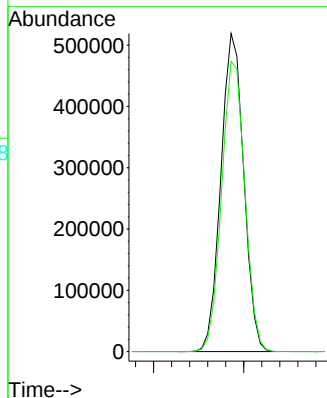
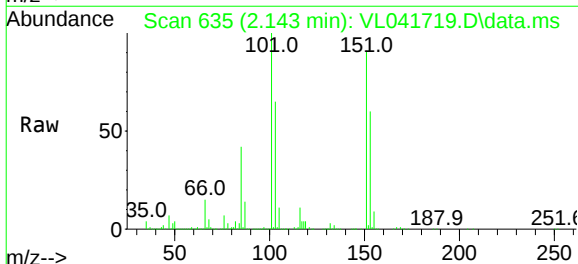
Acq: 11 Dec 2024 14:10

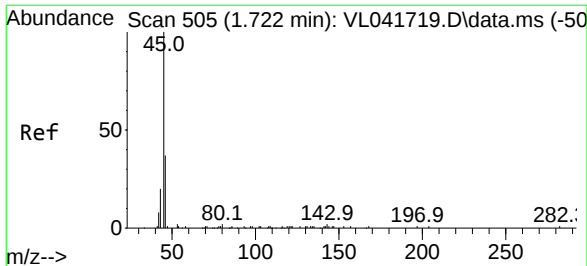
Tgt Ion:101 Resp: 456455

Ion Ratio Lower Upper

101 100

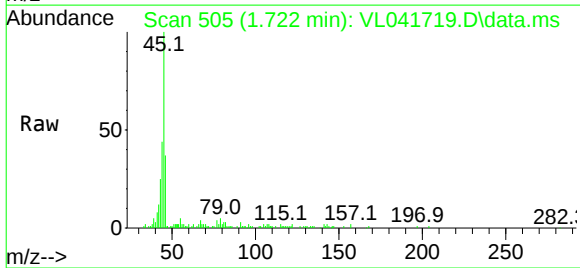
151 93.0 74.4 111.6



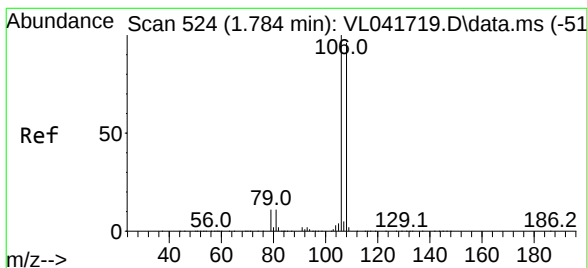
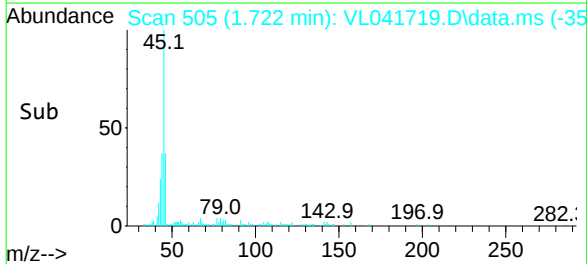
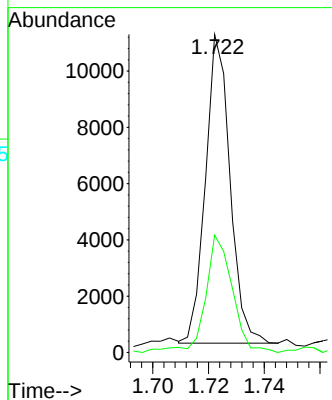


#13
Ethanol
Concen: 4.801 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

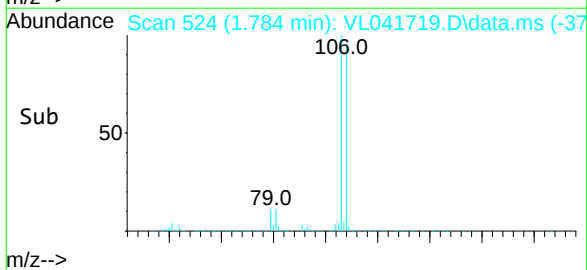
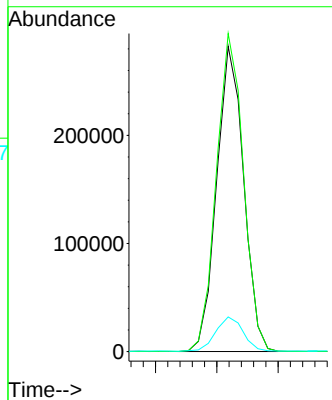
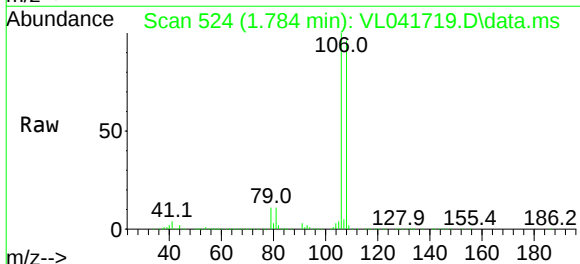


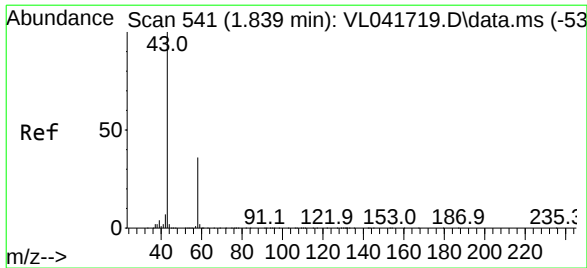
Tgt Ion: 45 Resp: 6717
Ion Ratio Lower Upper
45 100
46 41.6 16.6 66.6



#14
Bromoethene
Concen: 8.884 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

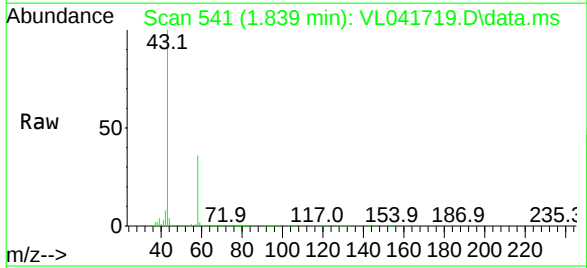
Tgt Ion: 108 Resp: 172666
Ion Ratio Lower Upper
108 100
106 104.4 83.5 125.3
79 11.6 9.3 13.9



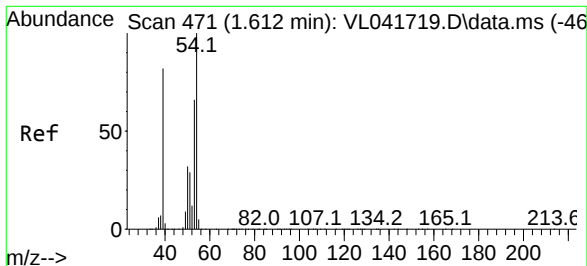
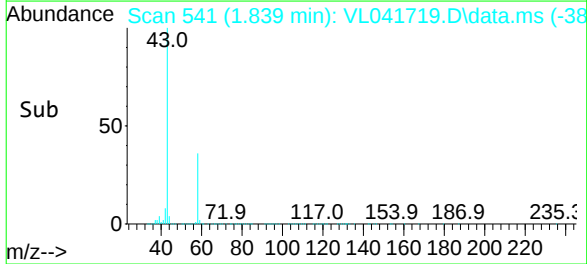
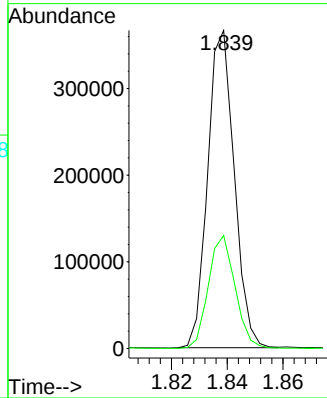


#15
Acetone
Concen: 7.206 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

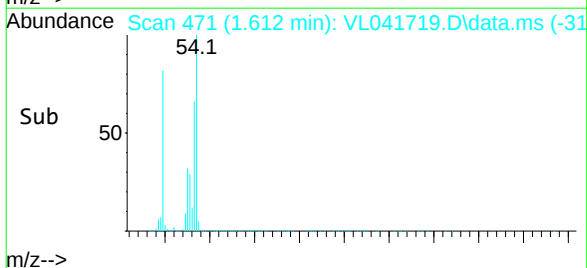
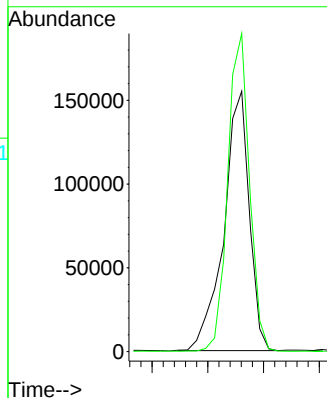
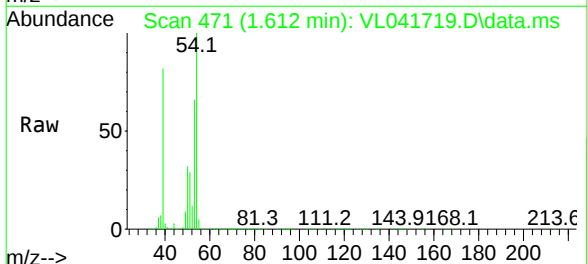


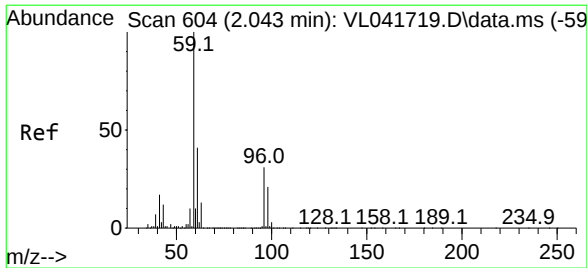
Tgt Ion: 43 Resp: 242436
Ion Ratio Lower Upper
43 100
58 36.1 28.9 43.3



#16
1,3-Butadiene
Concen: 8.701 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 39 Resp: 98195
Ion Ratio Lower Upper
39 100
54 106.3 85.0 127.6

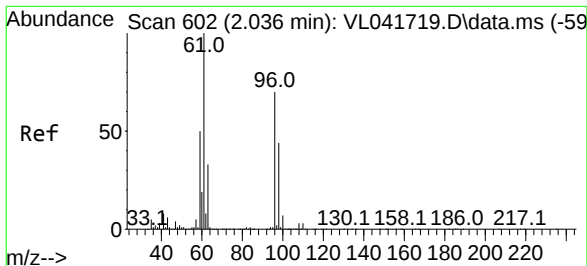
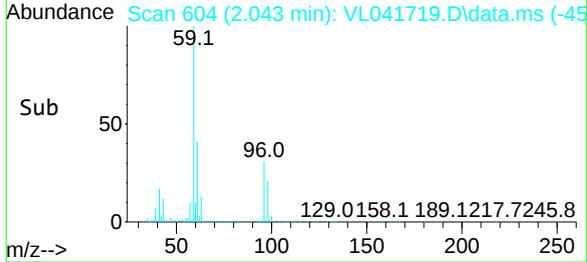
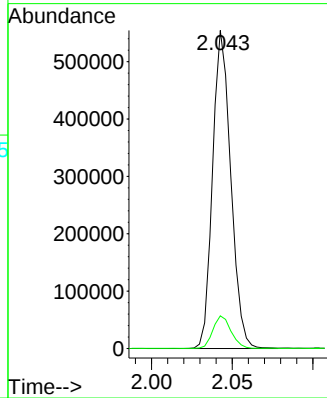
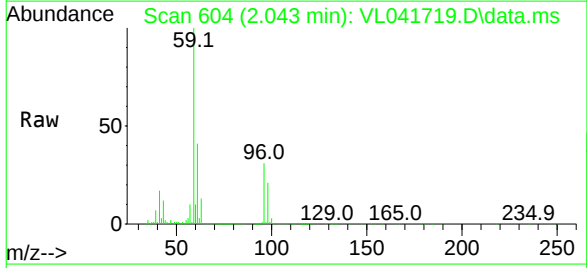




#17
tert-Butyl alcohol
Concen: 8.914 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

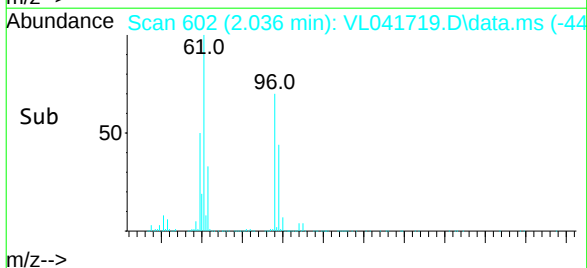
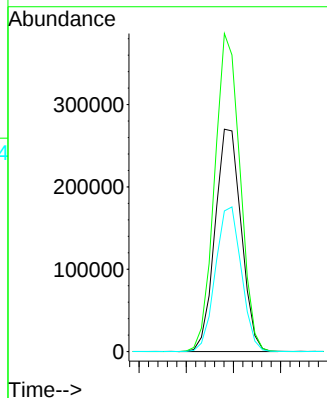
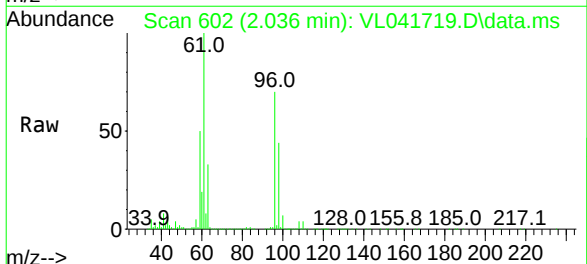
Instrument :
MSVOA_L
ClientSampleId :

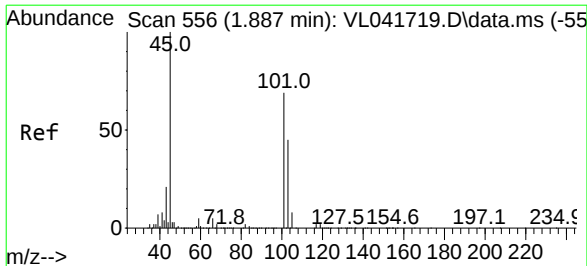
Tgt Ion: 59 Resp: 434773
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#18
1,1-Dichloroethene
Concen: 8.496 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

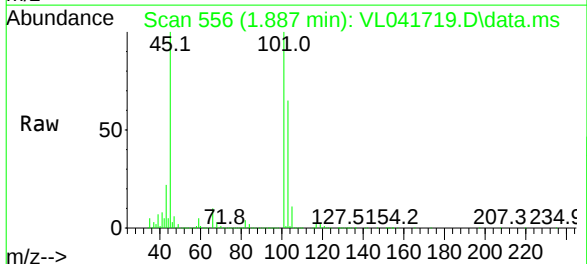
Tgt Ion: 96 Resp: 208287
Ion Ratio Lower Upper
96 100
61 143.0 114.4 171.6
98 63.2 50.6 75.8



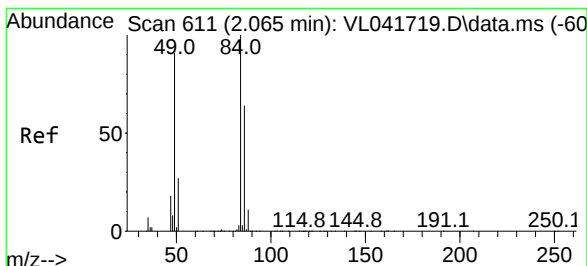
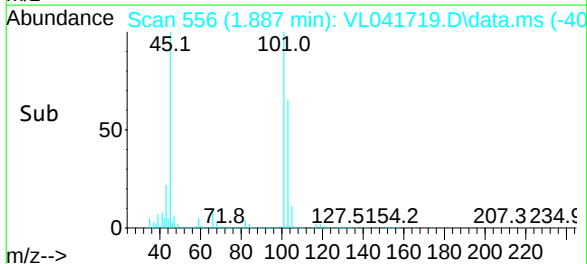
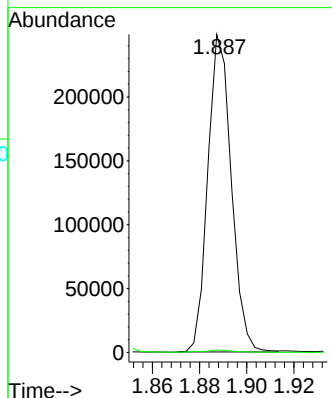


#19
Isopropyl Alcohol
Concen: 5.388 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

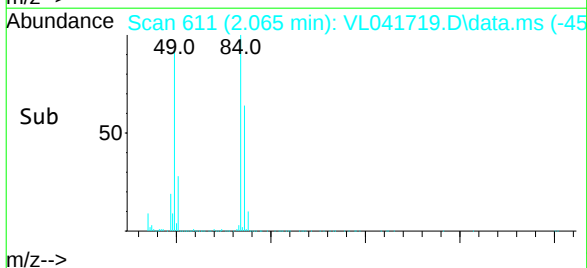
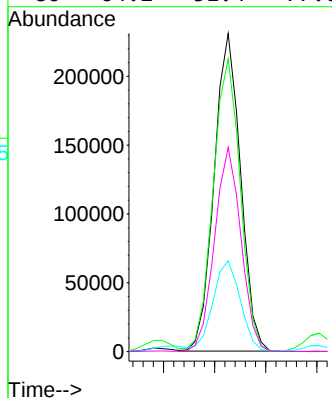
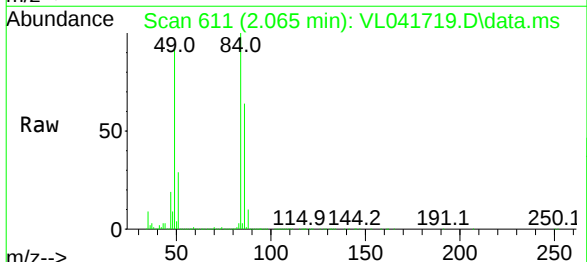


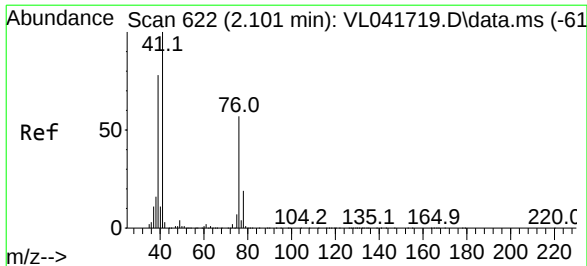
Tgt Ion: 45 Resp: 172188
Ion Ratio Lower Upper
45 100
58 50.8 40.6 61.0



#20
Methylene Chloride
Concen: 8.147 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

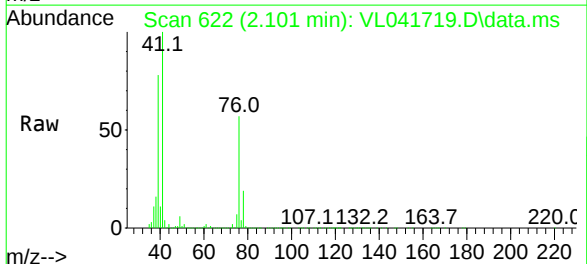
Tgt Ion: 84 Resp: 166024
Ion Ratio Lower Upper
84 100
49 92.0 73.6 110.4
51 28.4 22.7 34.1
86 64.2 51.4 77.0



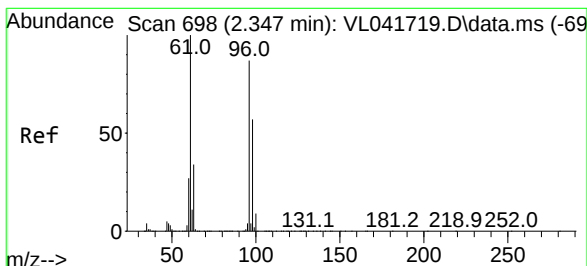
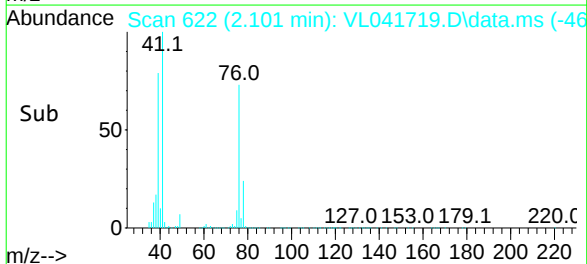
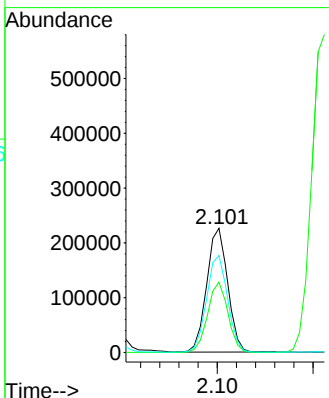


#21
 Allyl Chloride
 Concen: 9.049 ppbv
 RT: 2.101 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Instrument :
 MSVOA_L
 ClientSampleId :

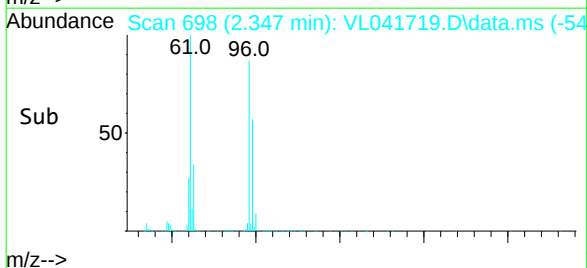
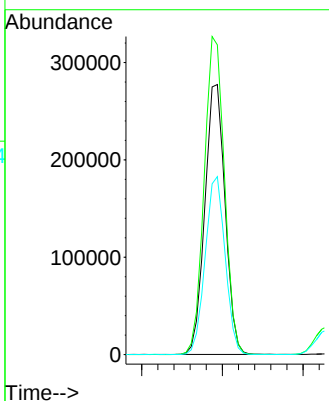
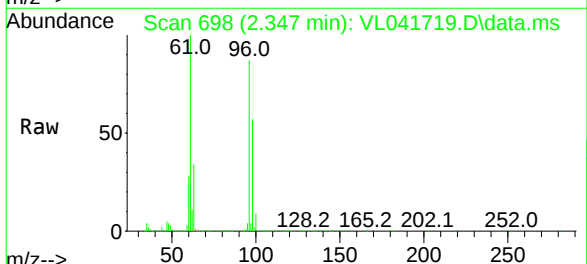


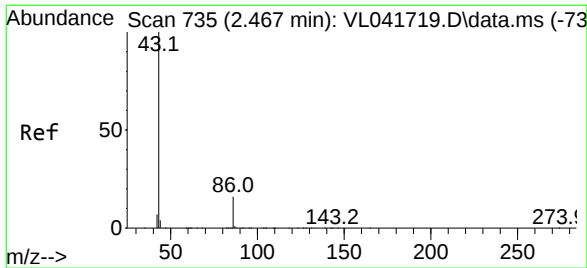
Tgt Ion:	41	Resp:	171424
Ion	Ratio	Lower	Upper
41	100		
76	55.2	44.2	66.2
39	78.5	62.8	94.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.622 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

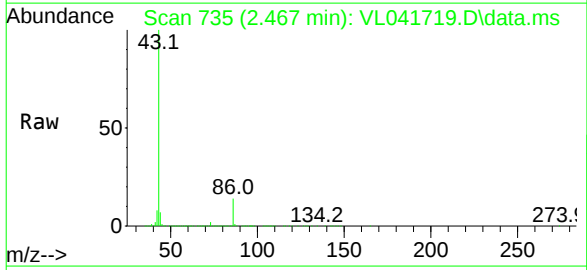
Tgt Ion:	96	Resp:	241961
Ion	Ratio	Lower	Upper
96	100		
61	114.7	91.8	137.6
98	65.9	52.7	79.1



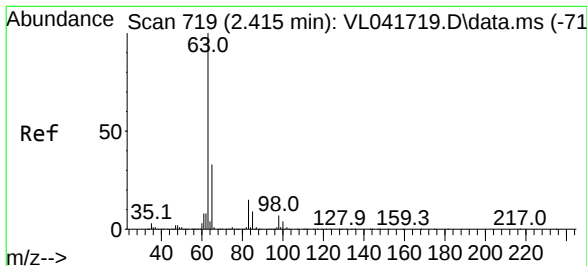
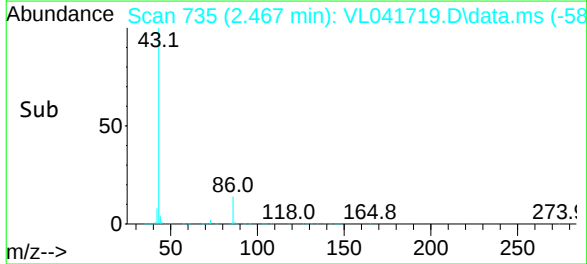
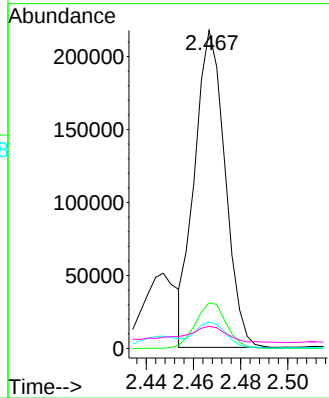


#23
 Vinyl Acetate
 Concen: 9.515 ppbv
 RT: 2.467 min Scan# 735
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Instrument :
 MSVOA_L
 ClientSampleId :

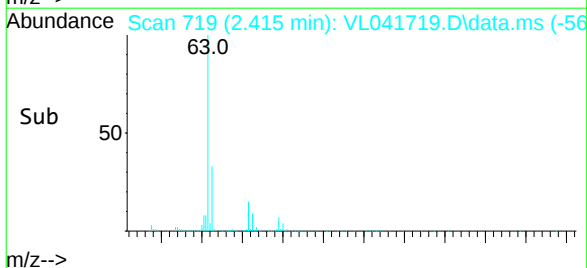
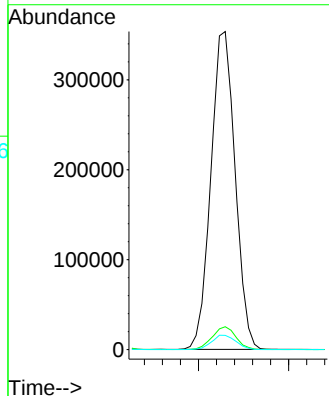
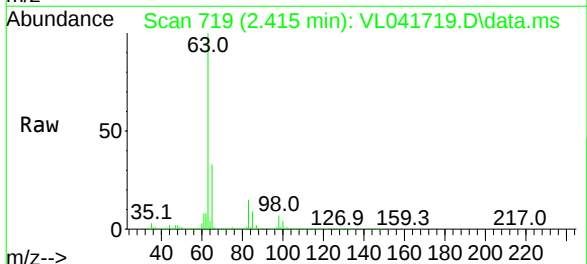


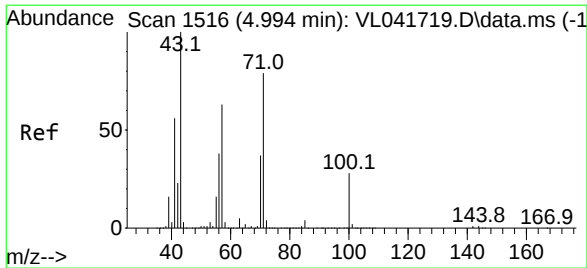
Tgt Ion:	43	Resp:	193830
Ion	Ratio	Lower	Upper
43	100		
86	14.4	11.5	17.3
42	8.3	6.6	10.0
44	5.1	4.1	6.1



#24
 1,1-Dichloroethane
 Concen: 8.727 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Tgt Ion:	63	Resp:	330606
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.5	2.3	6.8





#25

Ethyl Acetate

Concen: 9.530 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.000 min

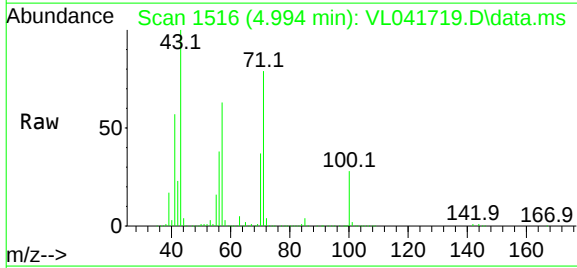
Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 445623

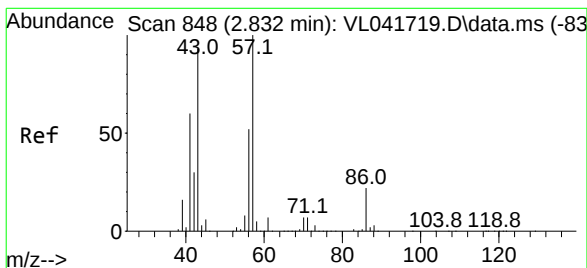
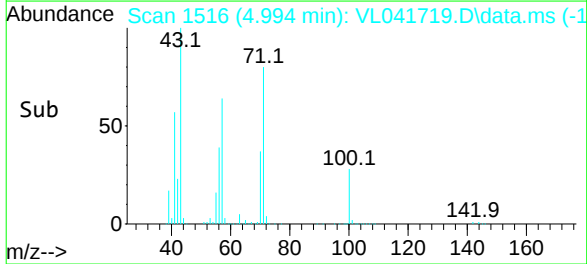
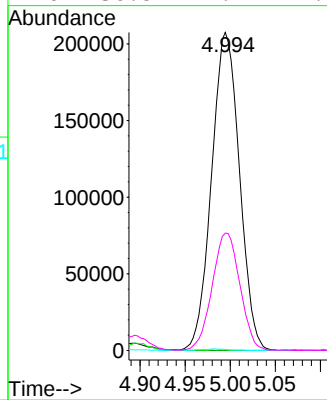
Ion Ratio Lower Upper

43 100

45 0.0 0.0 0.0

61 0.5 0.4 0.6

70 36.8 29.4 44.2



#26

Hexane

Concen: 9.347 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Tgt Ion: 57 Resp: 423860

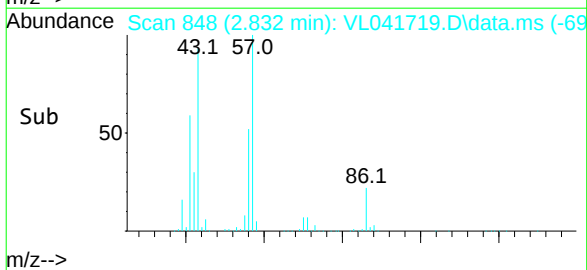
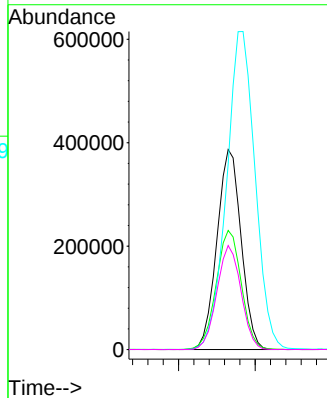
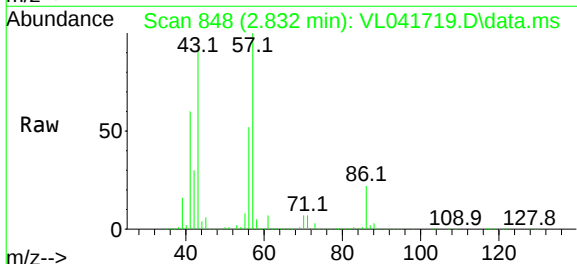
Ion Ratio Lower Upper

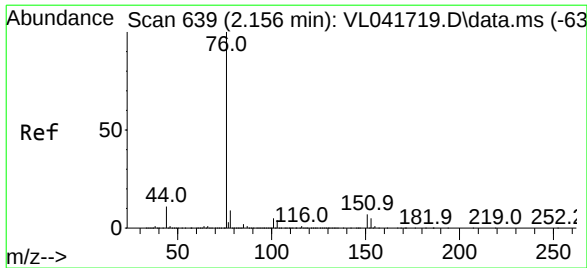
57 100

41 61.9 49.5 74.3

43 188.2 150.6 225.8

56 52.0 41.6 62.4





#27

Carbon Disulfide

Concen: 9.632 ppbv

RT: 2.156 min Scan# 639

Delta R.T. 0.000 min

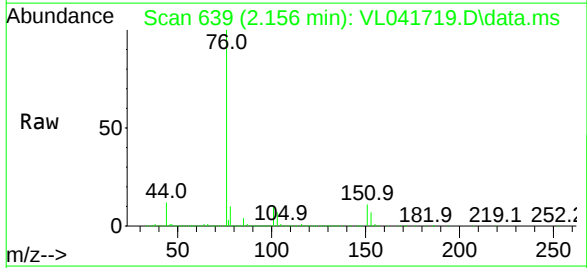
Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

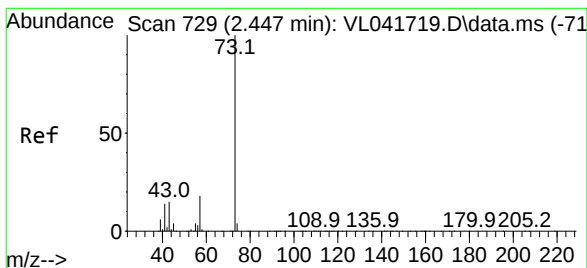
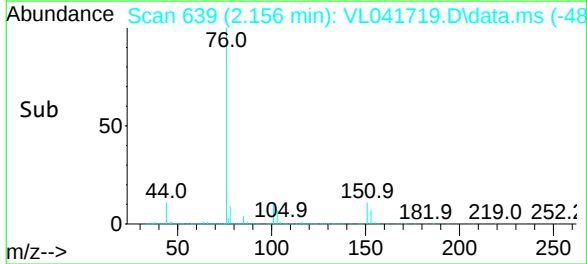
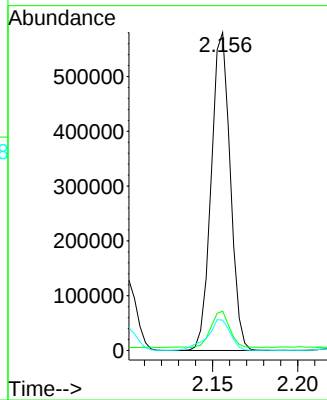
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	76	Resp:	449721
Ion	Ratio	Lower	Upper
76	100		
44	11.7	9.4	14.0
78	11.7	9.4	14.0



#28

Methyl tert-Butyl Ether

Concen: 9.285 ppbv

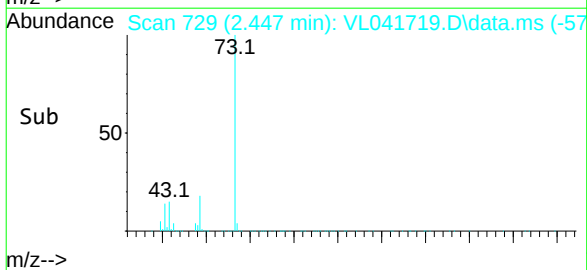
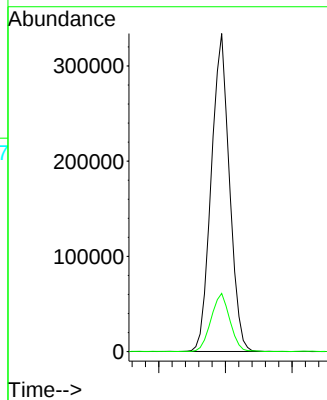
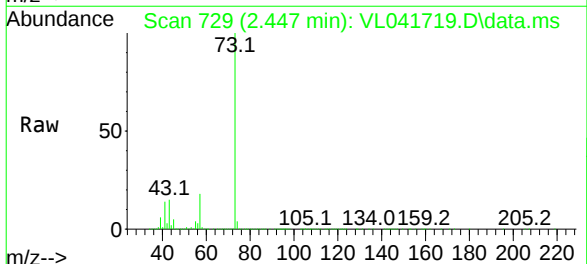
RT: 2.447 min Scan# 729

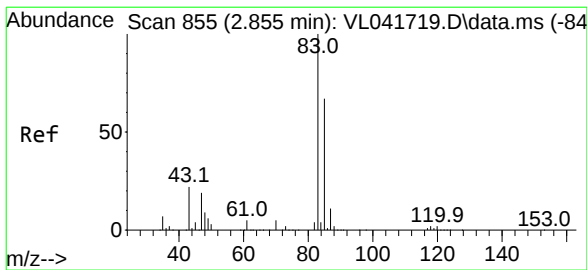
Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Tgt Ion:	73	Resp:	316057
Ion	Ratio	Lower	Upper
73	100		
57	19.1	15.3	22.9





#29

Chloroform

Concen: 9.289 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

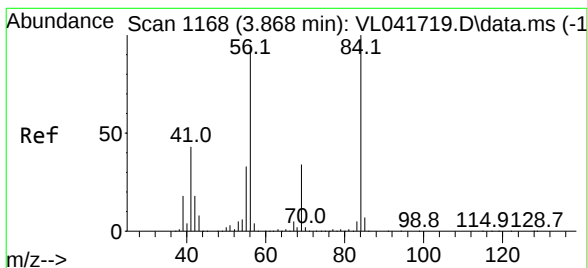
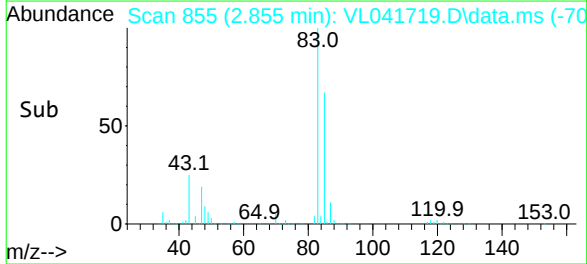
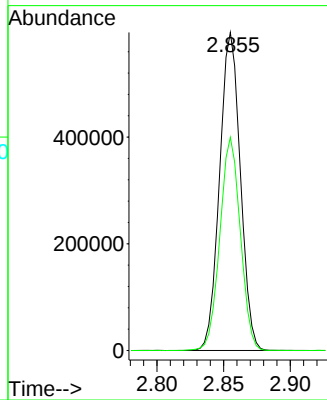
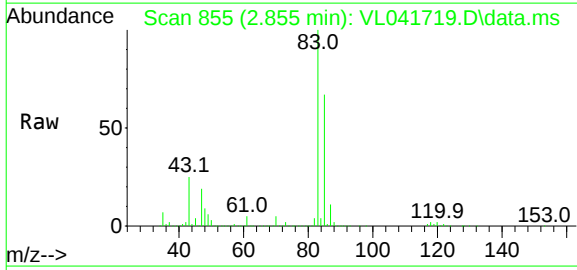
ClientSampleId :

Tgt Ion: 83 Resp: 644825

Ion Ratio Lower Upper

83 100

85 67.0 53.6 80.4



#30

Cyclohexane

Concen: 9.460 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

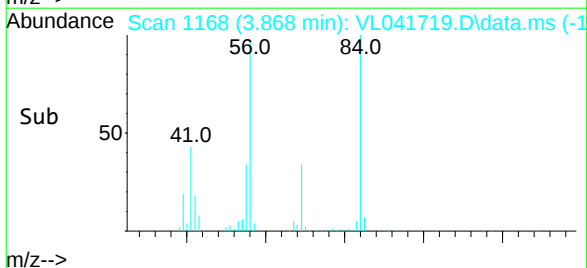
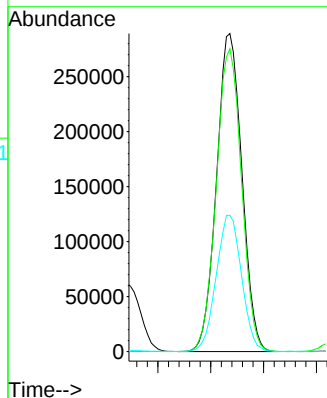
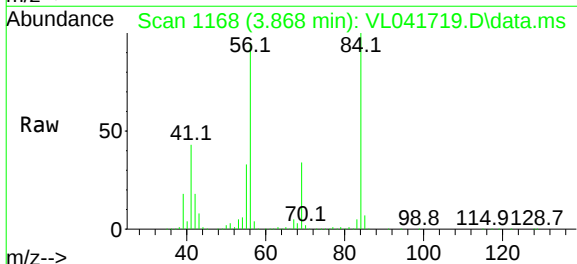
Tgt Ion: 84 Resp: 482102

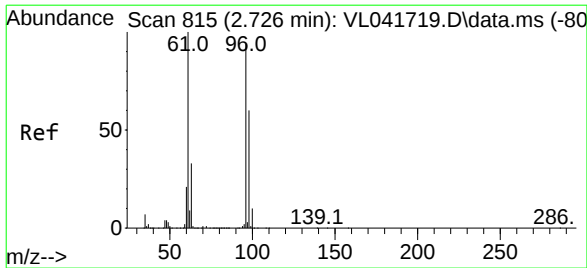
Ion Ratio Lower Upper

84 100

56 95.0 76.0 114.0

41 42.8 34.2 51.4

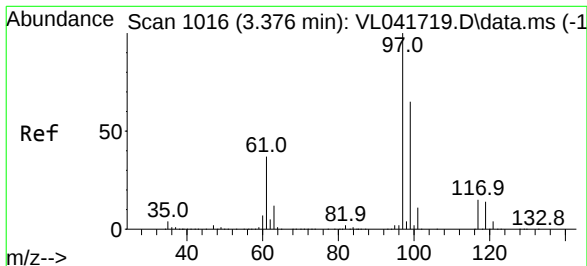
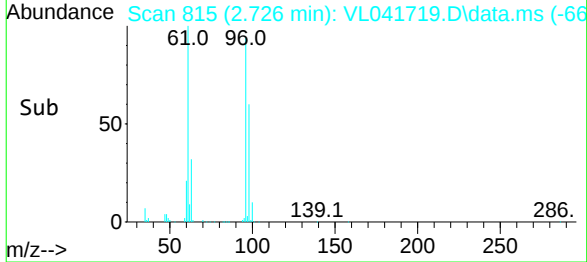
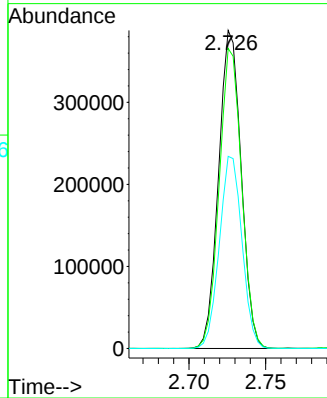
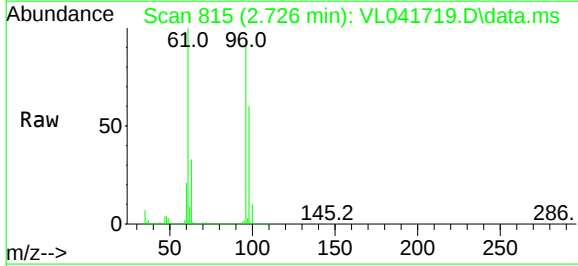




#31
cis-1,2-Dichloroethene
Concen: 9.449 ppbv
RT: 2.726 min Scan# 815
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

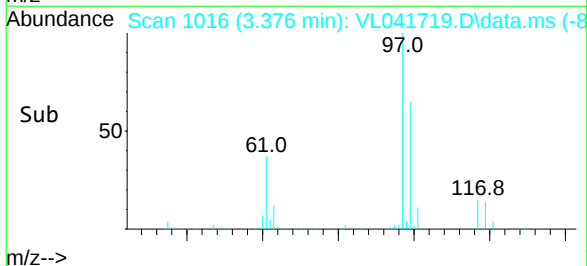
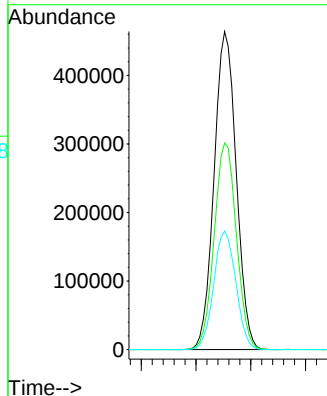
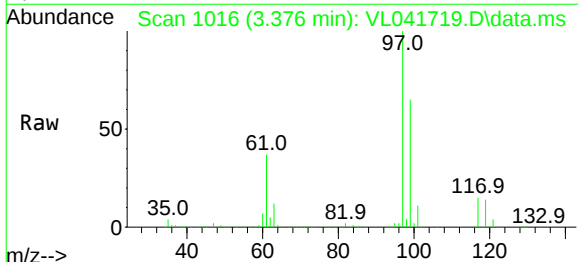
Instrument :
MSVOA_L
ClientSampleId :

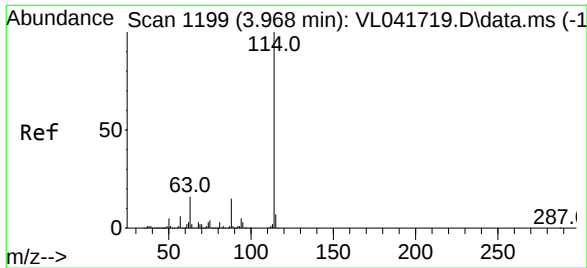
Tgt Ion: 61 Resp: 397098
Ion Ratio Lower Upper
61 100
96 94.3 75.4 113.2
98 60.4 48.3 72.5



#32
1,1,1-Trichloroethane
Concen: 9.555 ppbv
RT: 3.376 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

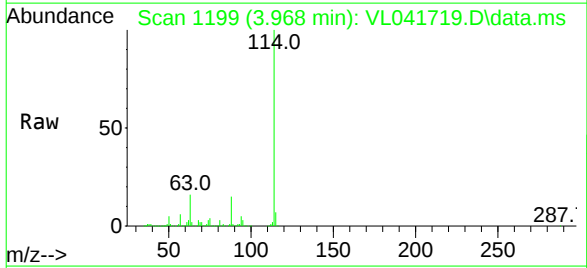
Tgt Ion: 97 Resp: 652293
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 37.3 29.8 44.8



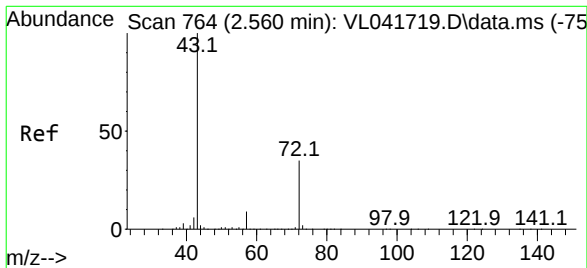
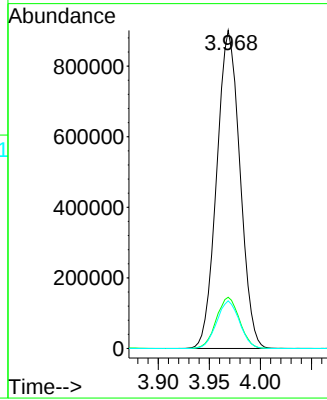
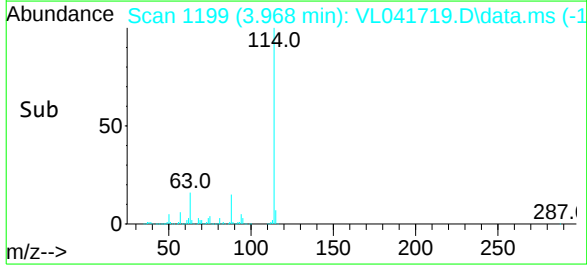


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

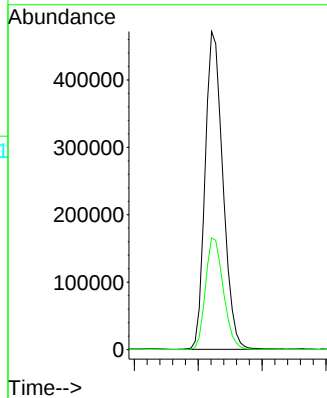
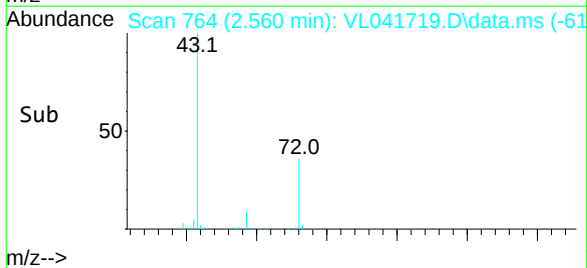
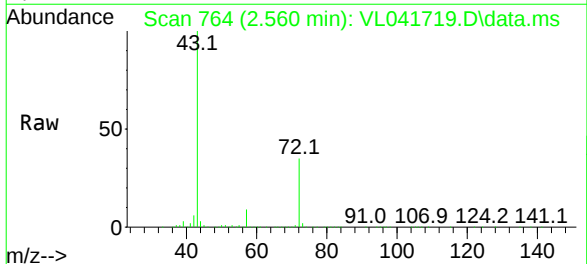


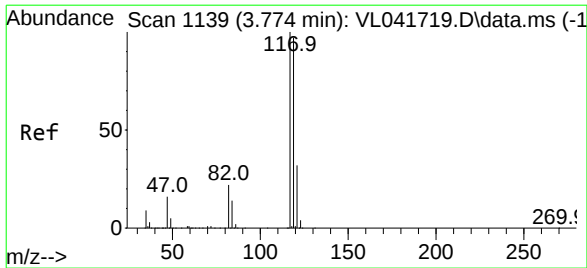
Tgt Ion:114 Resp: 1427448
Ion Ratio Lower Upper
114 100
63 16.1 12.9 19.3
88 14.7 11.8 17.6



#34
2-Butanone
Concen: 9.108 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

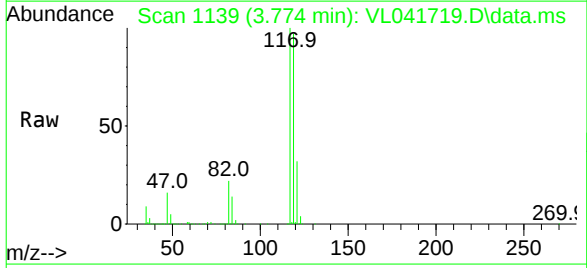
Tgt Ion: 43 Resp: 455226
Ion Ratio Lower Upper
43 100
72 35.4 28.3 42.5



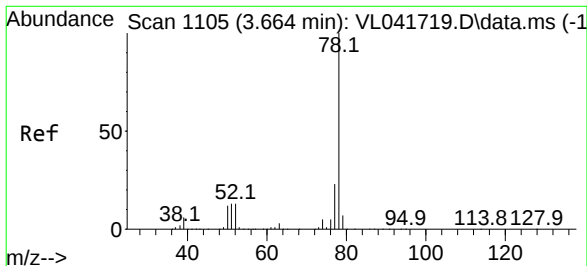
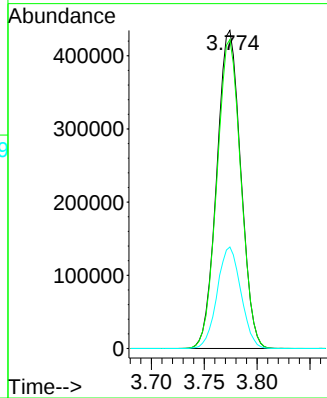
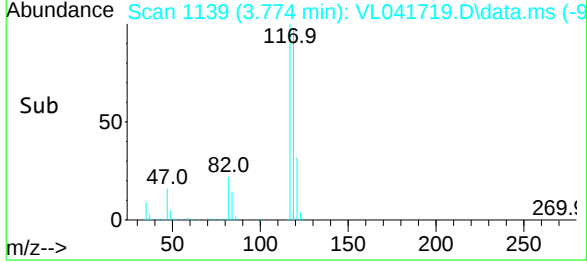


#35
Carbon Tetrachloride
Concen: 10.315 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

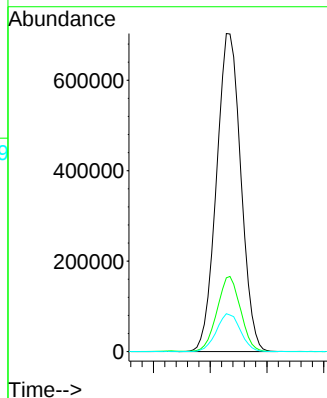
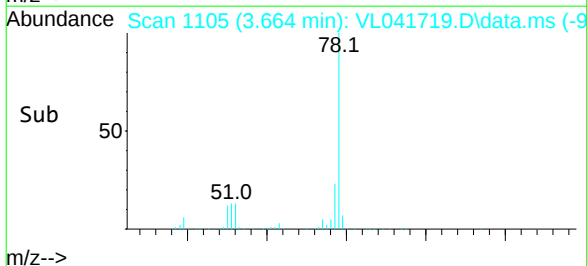
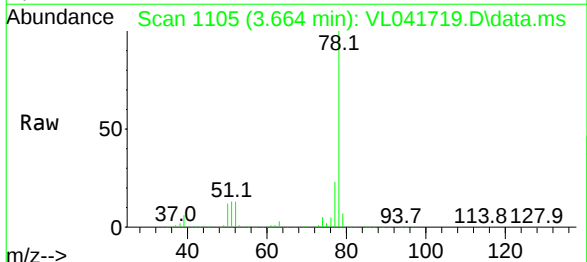


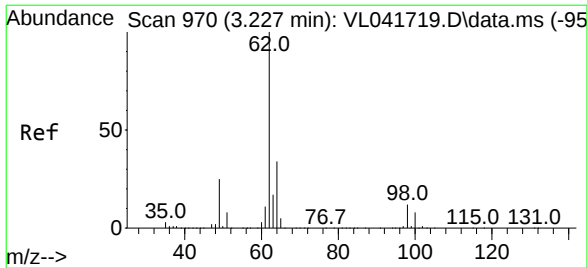
Tgt Ion: 117 Resp: 685768
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5
121 31.9 25.5 38.3



#36
Benzene
Concen: 9.347 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 78 Resp: 1049009
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
50 11.9 9.5 14.3

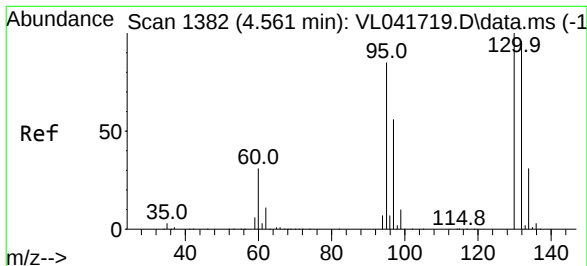
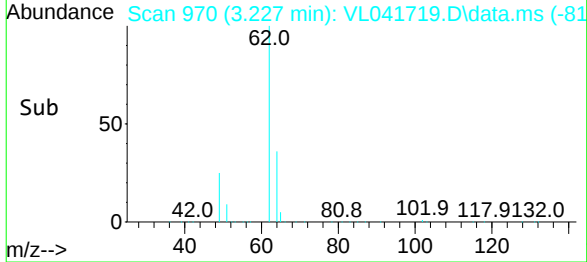
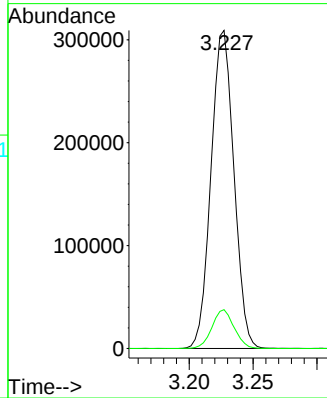
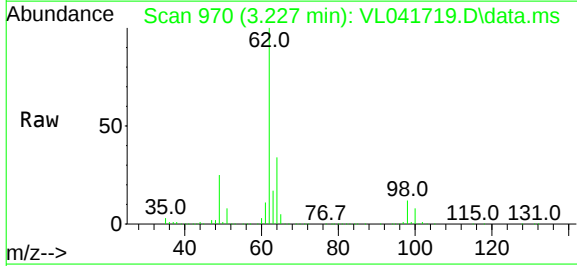




#37
1,2-Dichloroethane
Concen: 9.504 ppbv
RT: 3.227 min Scan# 970
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

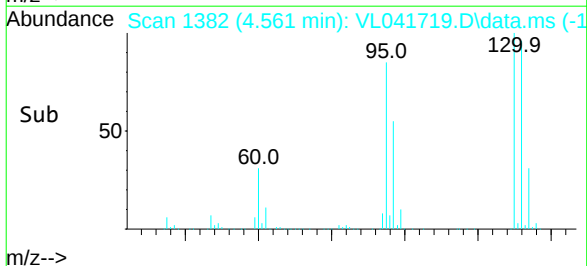
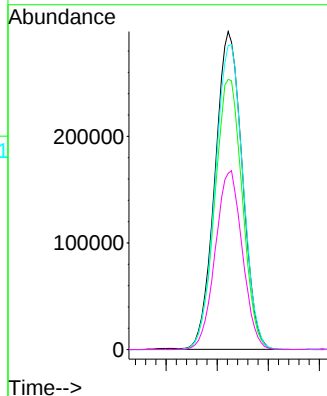
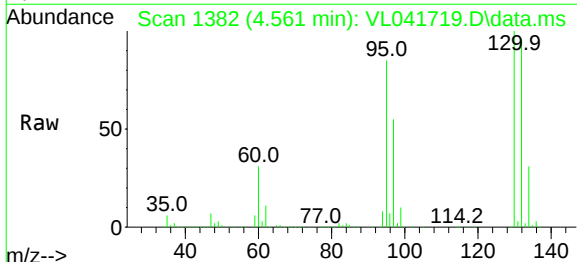
Instrument :
MSVOA_L
ClientSampleId :

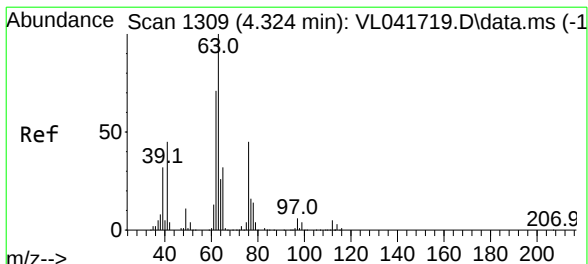
Tgt Ion: 62 Resp: 385313
Ion Ratio Lower Upper
62 100
98 11.8 9.4 14.2



#38
Trichloroethene
Concen: 9.507 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

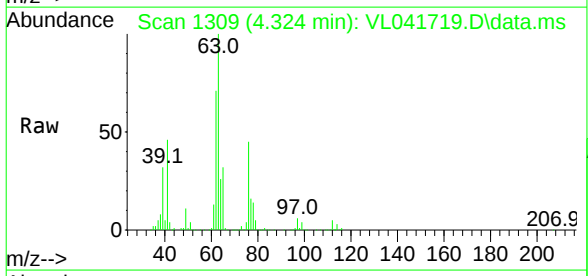
Tgt Ion:130 Resp: 553361
Ion Ratio Lower Upper
130 100
95 85.0 68.0 102.0
132 95.6 76.5 114.7
97 55.5 44.4 66.6





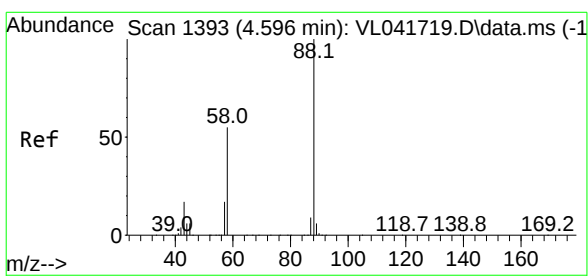
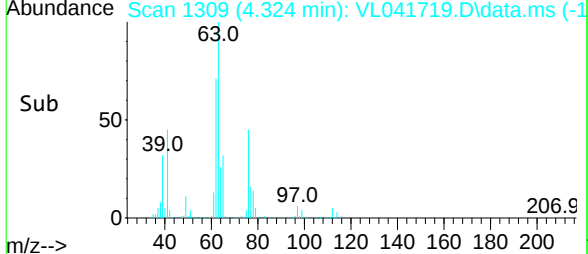
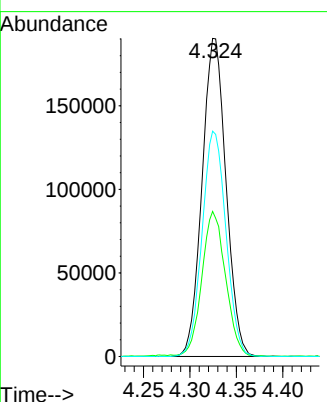
#39
 1,2-Dichloropropane
 Concen: 9.549 ppbv
 RT: 4.324 min Scan# 1309
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 63 Resp: 341481

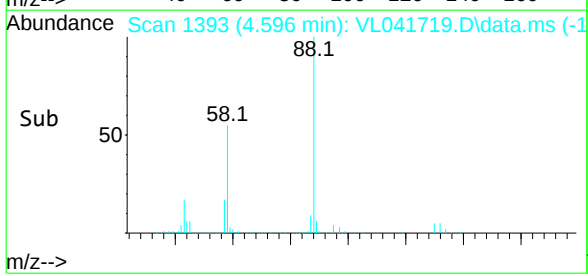
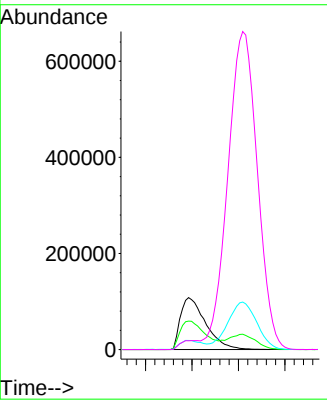
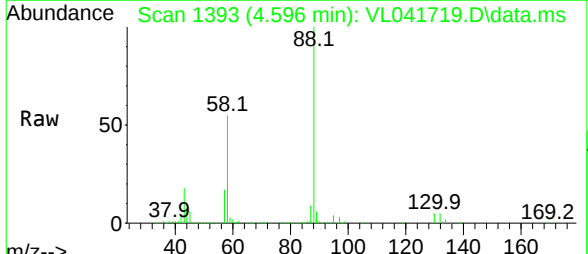
Ion	Ratio	Lower	Upper
63	100		
41	45.5	36.4	54.6
62	70.8	56.6	85.0

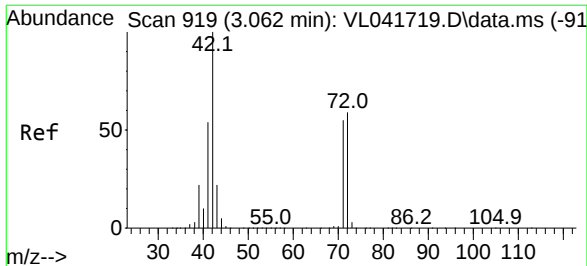


#40
 1,4-Dioxane
 Concen: 9.416 ppbv
 RT: 4.596 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Tgt Ion: 88 Resp: 203183

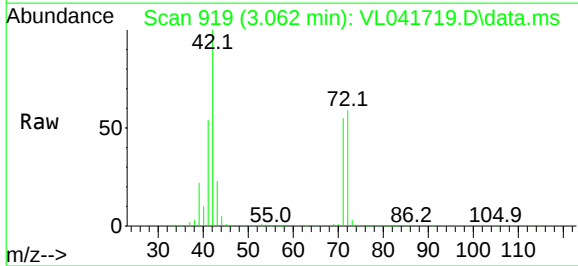
Ion	Ratio	Lower	Upper
88	100		
58	57.1	45.7	68.5
43	0.0	0.0	0.0
57	0.0	0.0	0.0



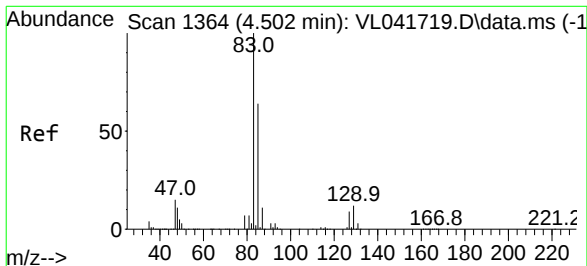
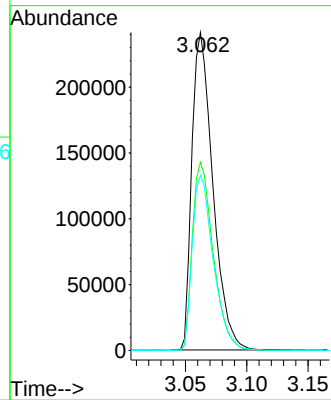
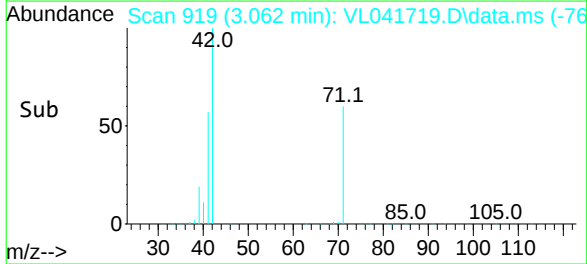


#41
Tetrahydrofuran
Concen: 9.528 ppbv
RT: 3.062 min Scan# 919
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

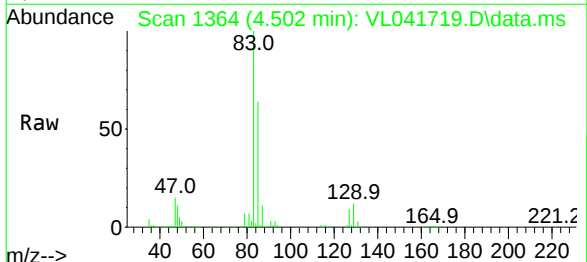
Instrument :
MSVOA_L
ClientSampleId :



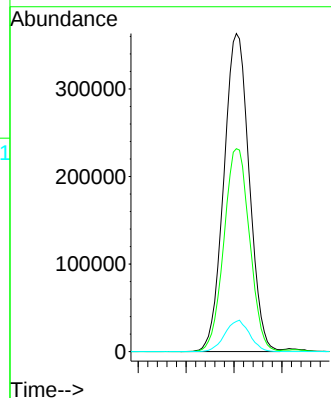
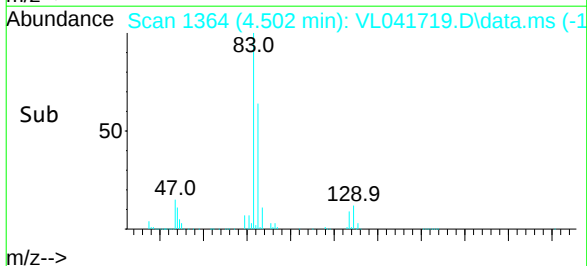
Tgt Ion: 42 Resp: 286980
Ion Ratio Lower Upper
42 100
72 59.2 47.4 71.0
71 55.5 44.4 66.6

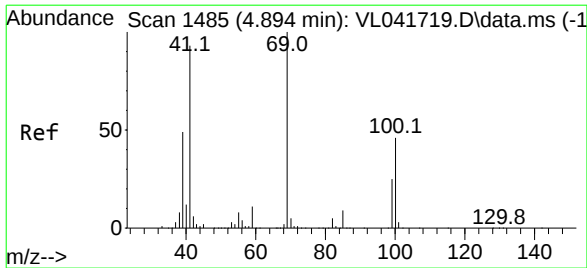


#42
Bromodichloromethane
Concen: 10.216 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10



Tgt Ion: 83 Resp: 668686
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 9.5 7.6 11.4

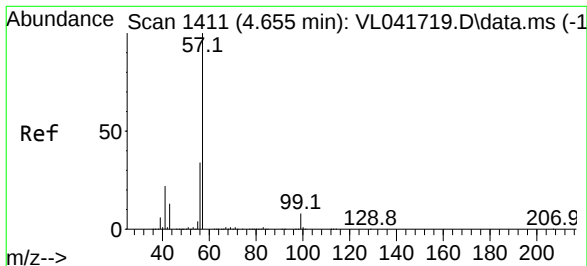
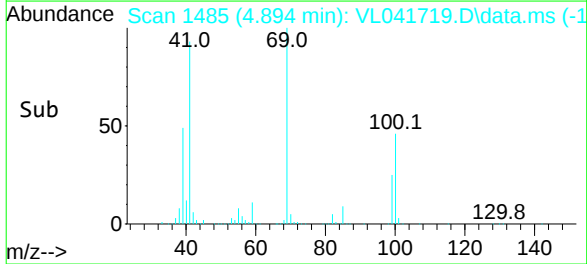
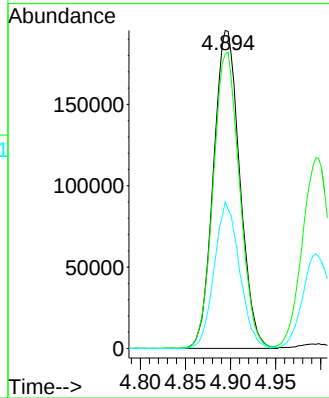
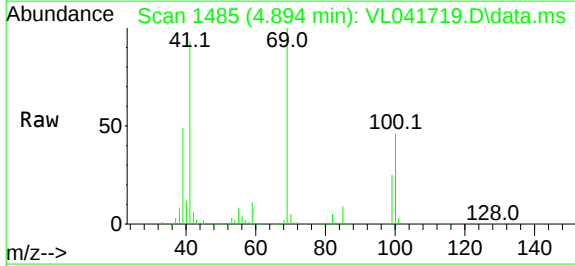




#43
Methyl Methacrylate
Concen: 9.790 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

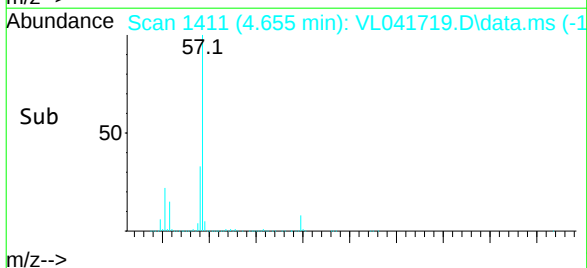
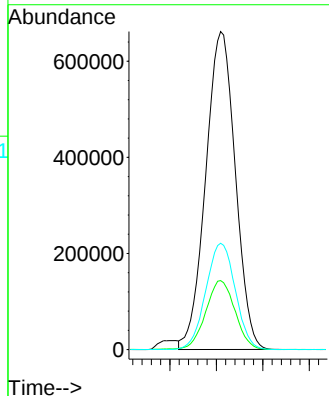
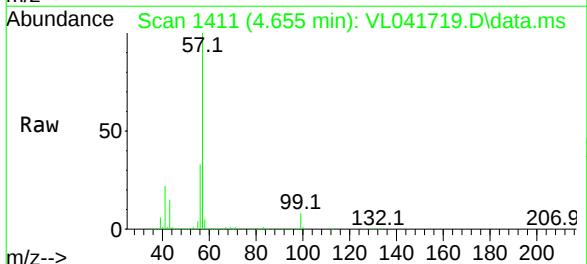
Instrument :
MSVOA_L
ClientSampleId :

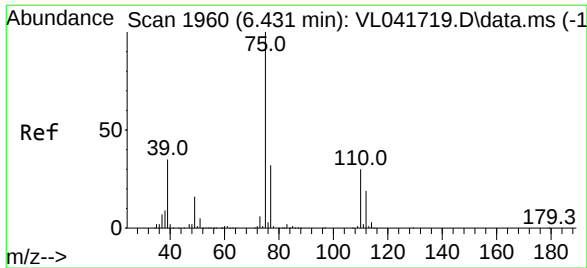
Tgt Ion: 69 Resp: 395756
Ion Ratio Lower Upper
69 100
41 93.3 74.6 112.0
100 44.4 35.5 53.3



#44
2,2,4-Trimethylpentane
Concen: 9.385 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 57 Resp: 1466254
Ion Ratio Lower Upper
57 100
41 21.5 17.2 25.8
56 33.3 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 9.905 ppbv

RT: 6.431 min Scan# 19

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

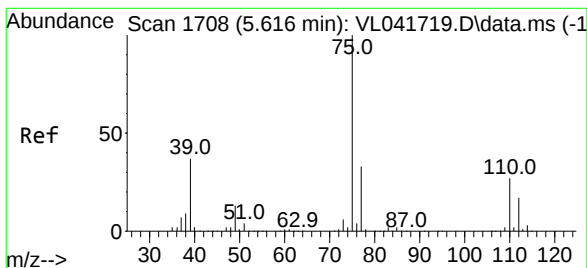
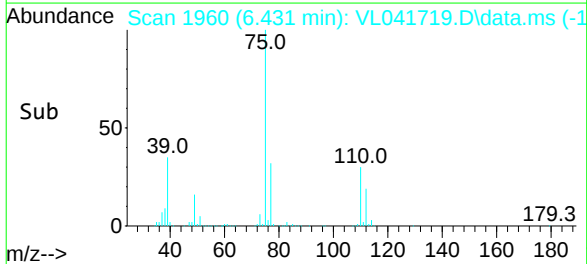
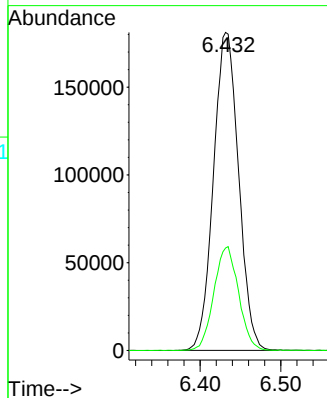
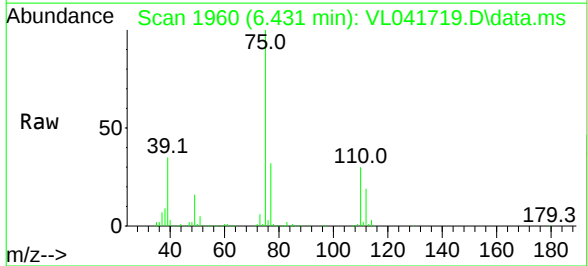
ClientSampleId :

Tgt Ion: 75 Resp: 392029

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 10.056 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

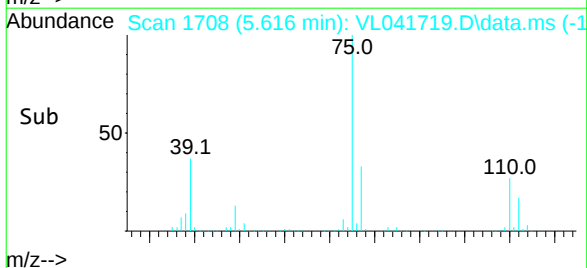
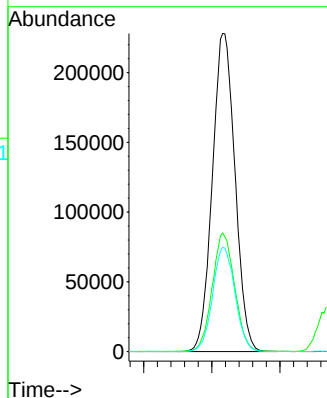
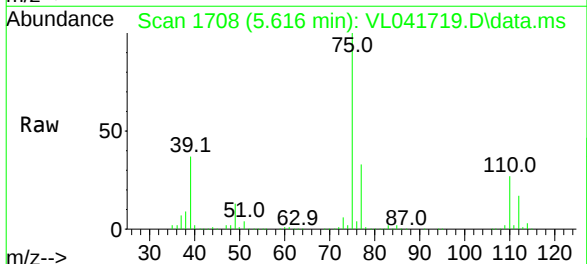
Tgt Ion: 75 Resp: 526762

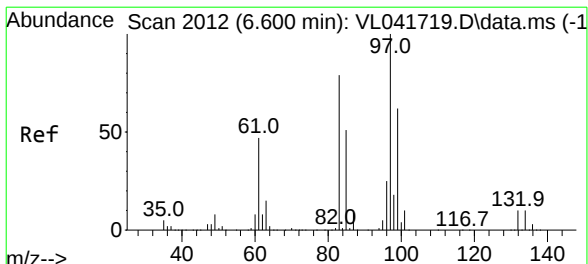
Ion Ratio Lower Upper

75 100

39 37.2 29.8 44.6

77 32.7 26.2 39.2

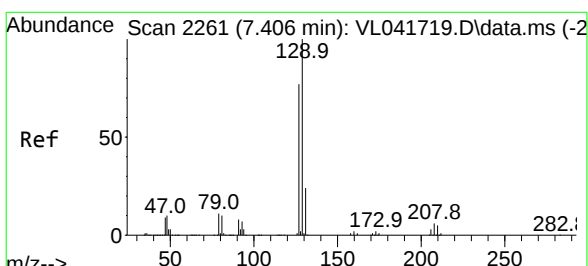
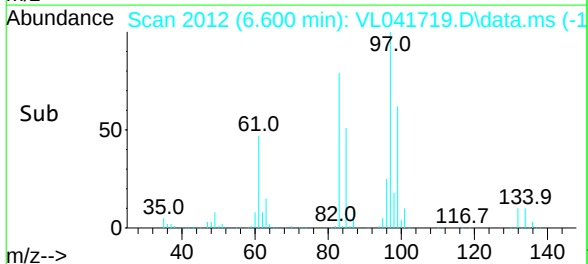
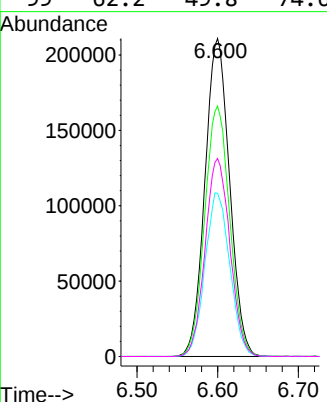
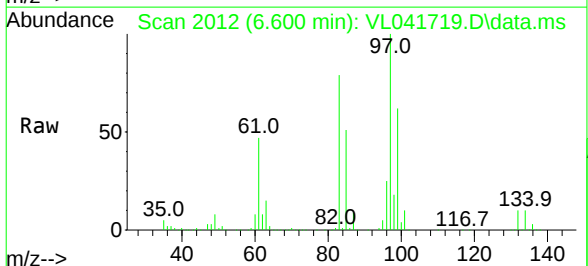




#47
 1,1,2-Trichloroethane
 Concen: 9.412 ppbv
 RT: 6.600 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

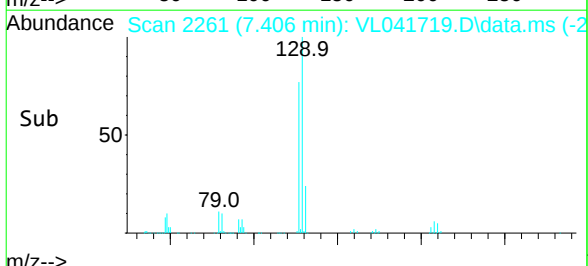
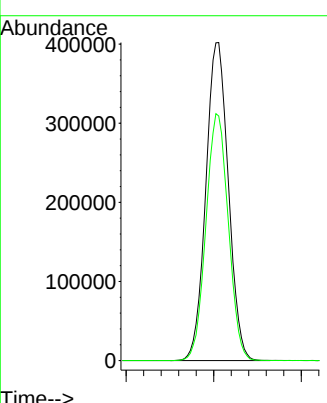
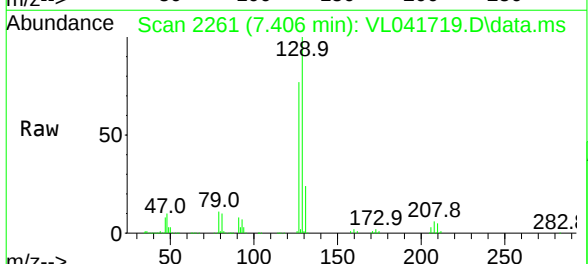
Instrument : MSVOA_L
 ClientSampleId :

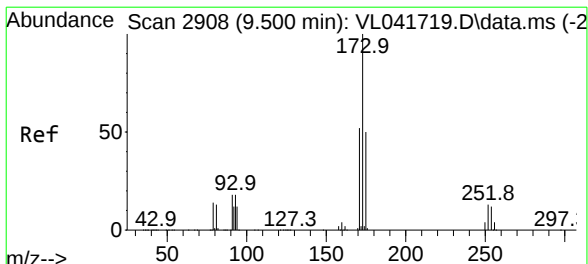
Tgt Ion:	97	Resp:	448203
Ion	Ratio	Lower	Upper
97	100		
83	78.7	63.0	94.4
85	51.3	41.0	61.6
99	62.2	49.8	74.6



#48
 Dibromochloromethane
 Concen: 10.461 ppbv
 RT: 7.406 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Tgt Ion:	129	Resp:	717775
Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7

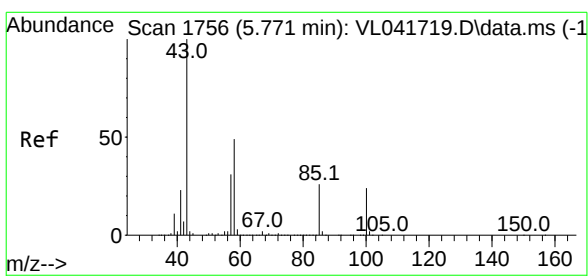
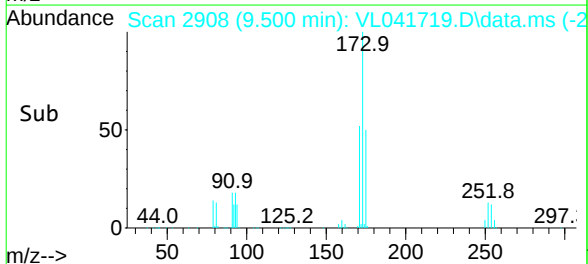
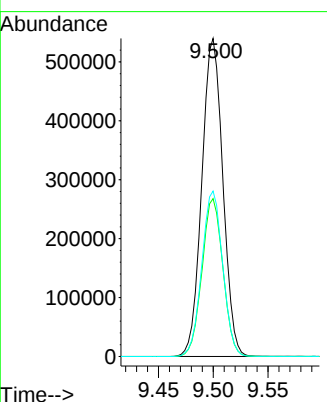
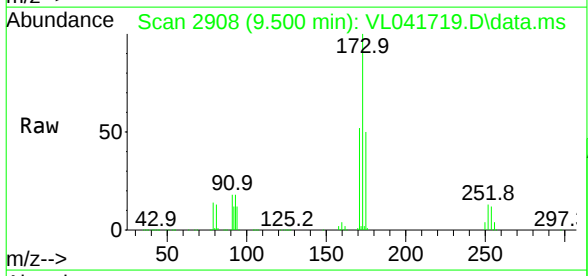




#49
Bromoform
Concen: 10.987 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

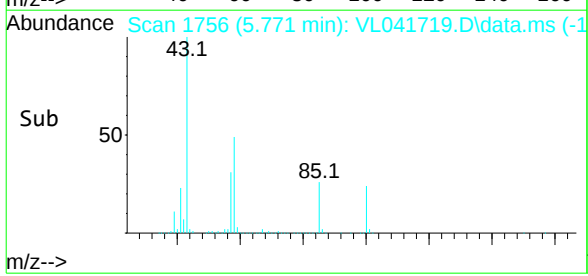
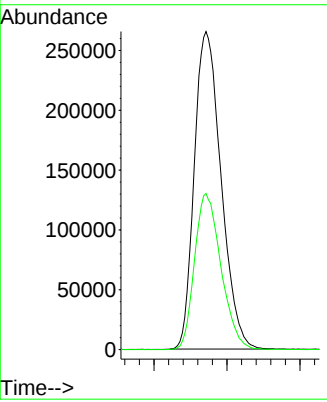
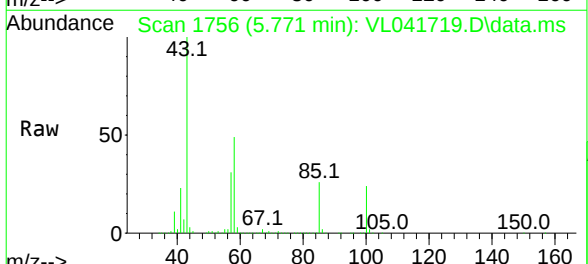
Instrument :
MSVOA_L
ClientSampleId :

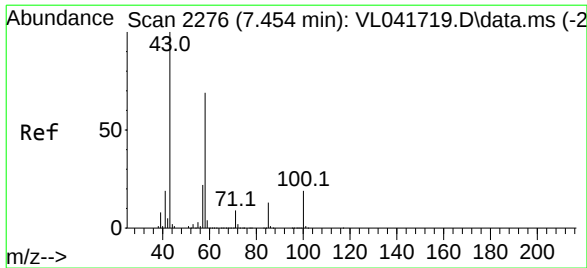
Tgt Ion:	173	Resp:	721259
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
171	51.7	41.4	62.0



#50
4-Methyl-2-Pentanone
Concen: 9.427 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

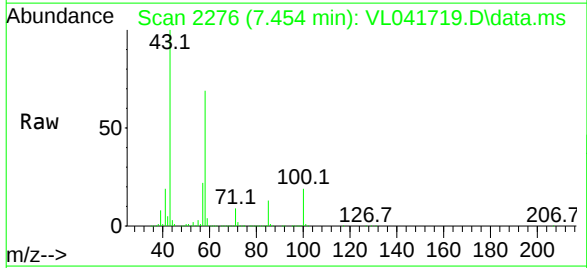
Tgt Ion:	43	Resp:	675816
Ion	Ratio	Lower	Upper
43	100		
58	48.6	38.9	58.3



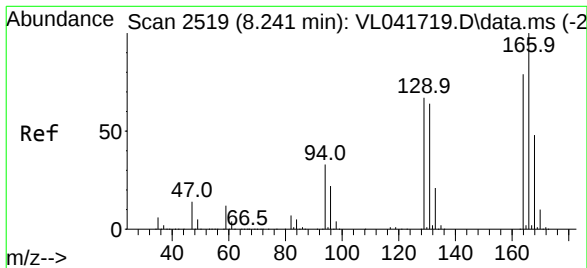
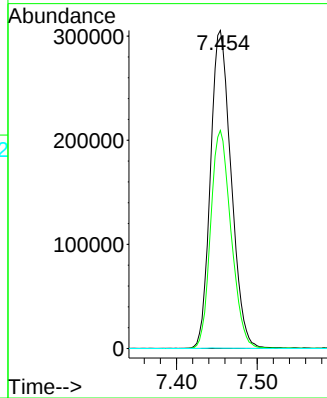
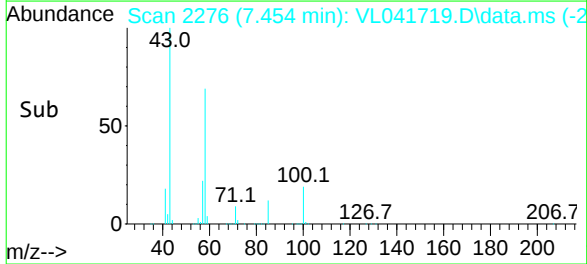


#51
2-Hexanone
Concen: 9.228 ppbv
RT: 7.454 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

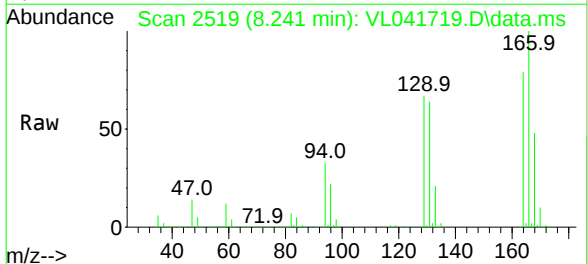
Instrument :
MSVOA_L
ClientSampleId :



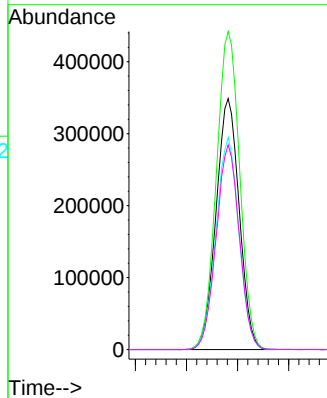
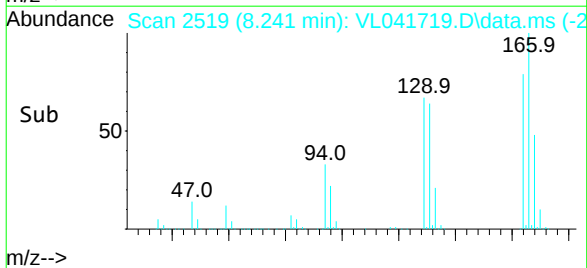
Tgt Ion: 43 Resp: 544093
Ion Ratio Lower Upper
43 100
58 67.8 54.2 81.4
98 0.2 0.2 0.2

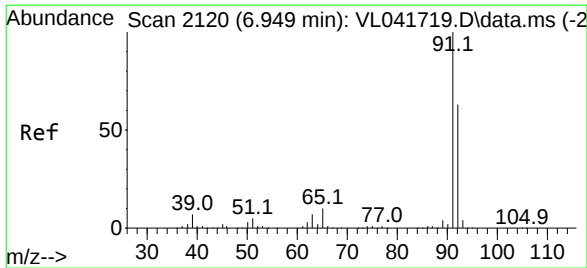


#52
Tetrachloroethene
Concen: 9.218 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10



Tgt Ion: 164 Resp: 548139
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 84.5 67.6 101.4
131 81.6 65.3 97.9





#53

Toluene

Concen: 9.408 ppbv

RT: 6.949 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

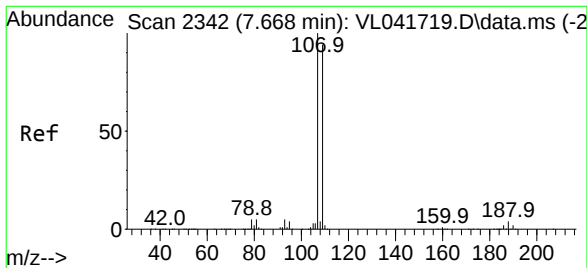
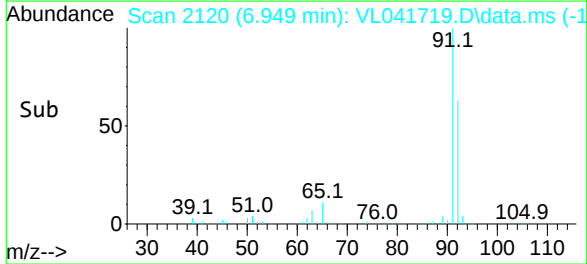
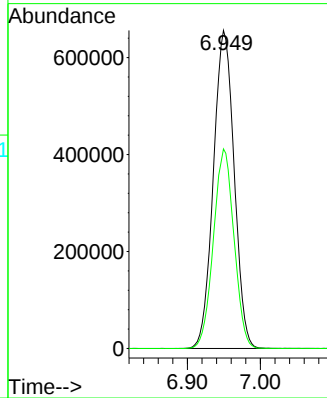
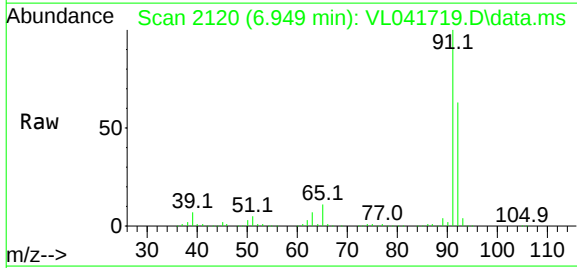
ClientSampleId :

Tgt Ion: 91 Resp: 1297617

Ion Ratio Lower Upper

91 100

92 62.1 49.7 74.5



#54

1,2-Dibromoethane

Concen: 9.726 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. 0.000 min

Lab File: VL041719.D

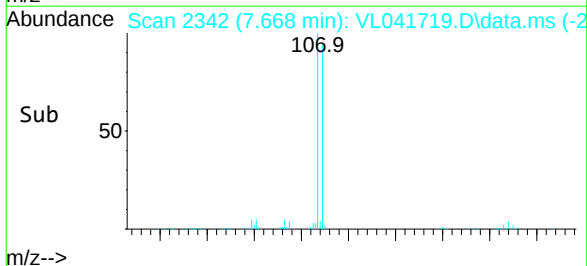
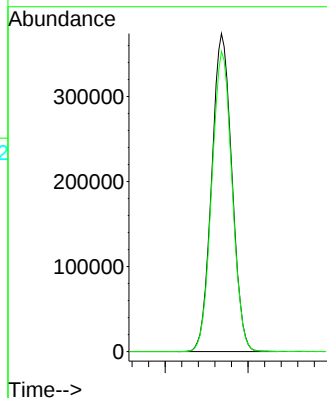
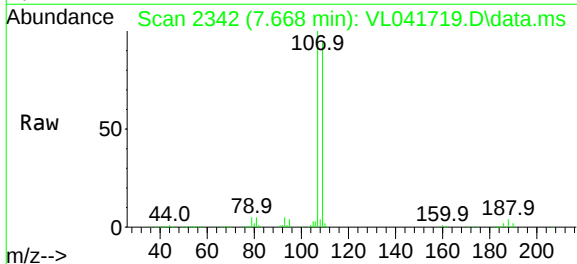
Acq: 11 Dec 2024 14:10

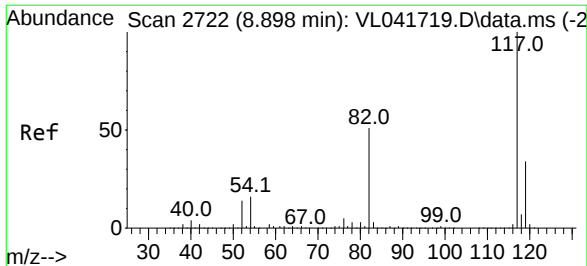
Tgt Ion: 107 Resp: 633106

Ion Ratio Lower Upper

107 100

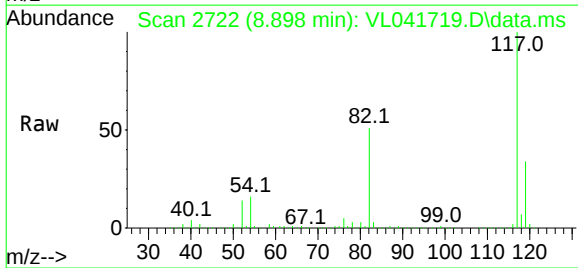
109 94.4 75.5 113.3



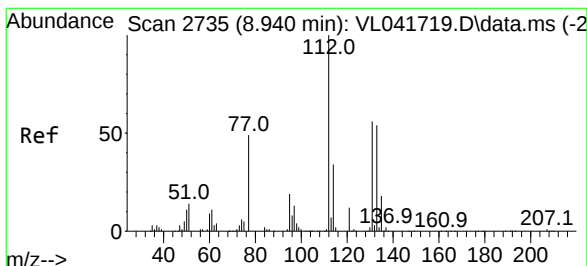
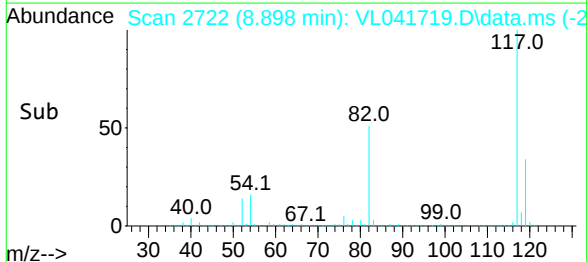
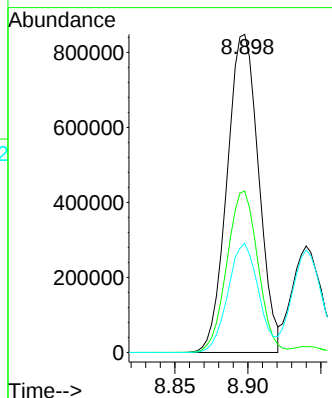


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

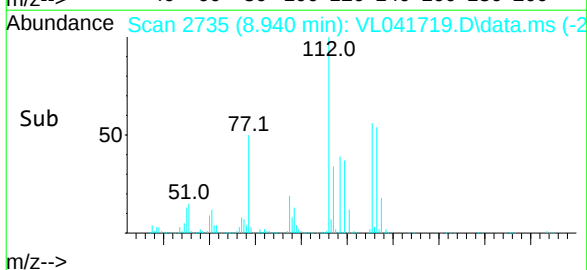
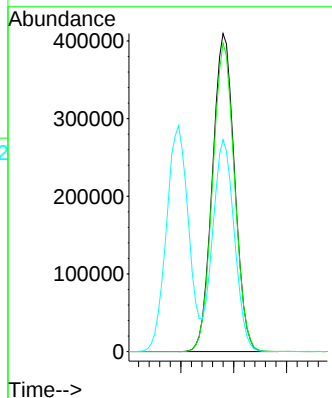
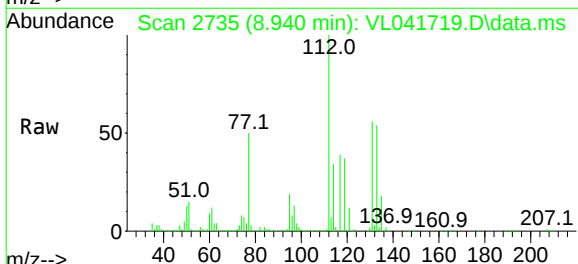


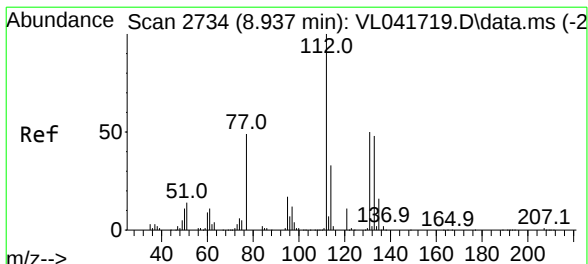
Tgt Ion:117 Resp: 1277950
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.3 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 10.000 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

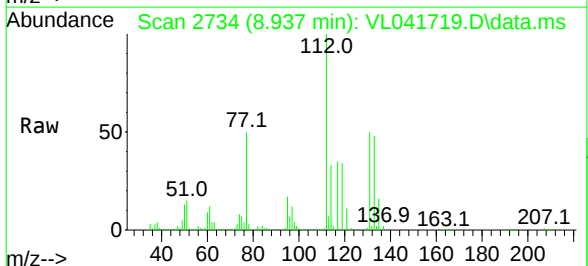
Tgt Ion:131 Resp: 594125
Ion Ratio Lower Upper
131 100
133 96.1 76.9 115.3
119 65.7 52.6 78.8





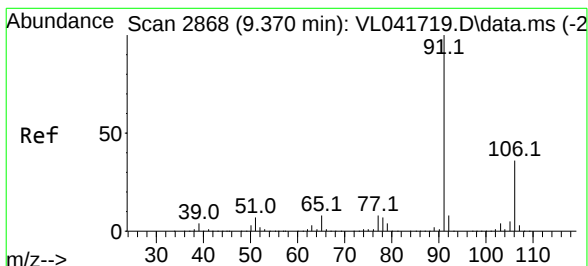
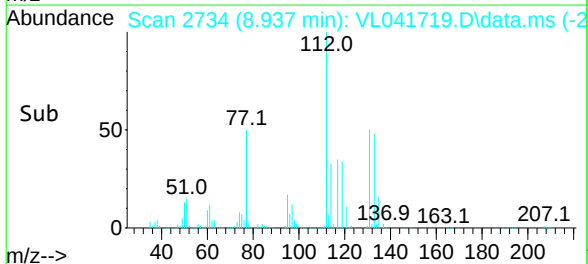
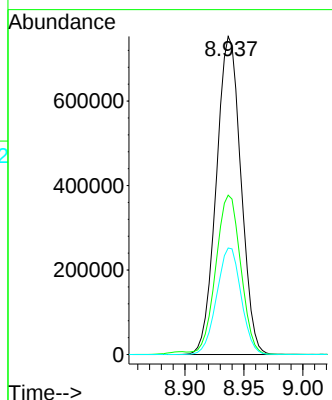
#57
Chlorobenzene
Concen: 9.399 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 112 Resp: 1093018

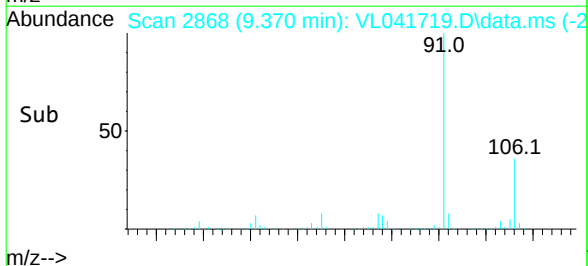
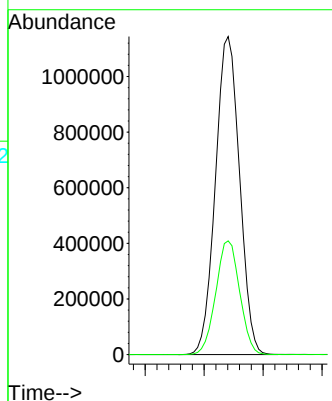
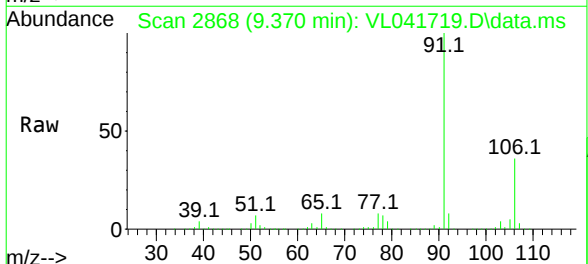
Ion	Ratio	Lower	Upper
112	100		
77	50.1	40.1	60.1
114	33.5	30.2	36.9

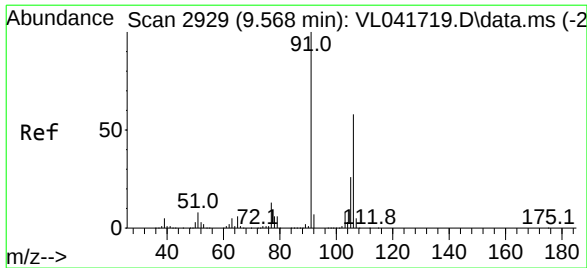


#58
Ethyl Benzene
Concen: 9.505 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 91 Resp: 1625552

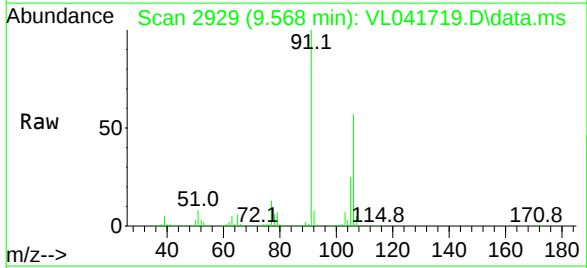
Ion	Ratio	Lower	Upper
91	100		
106	35.8	28.6	43.0



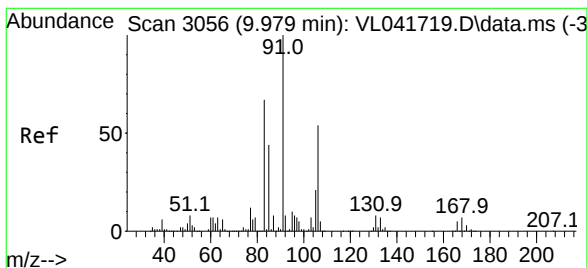
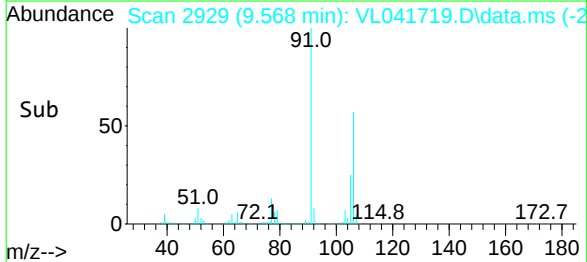
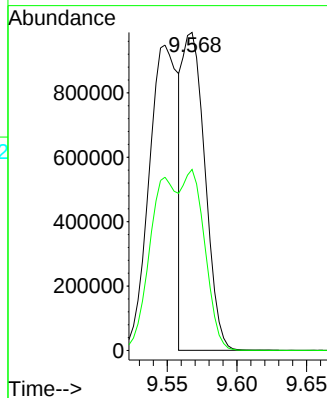


#59
m/p-Xylene
Concen: 8.508 ppbv
RT: 9.568 min Scan# 2929
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

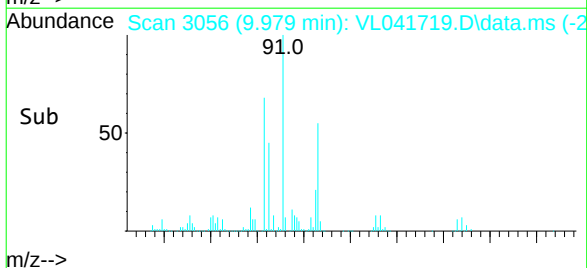
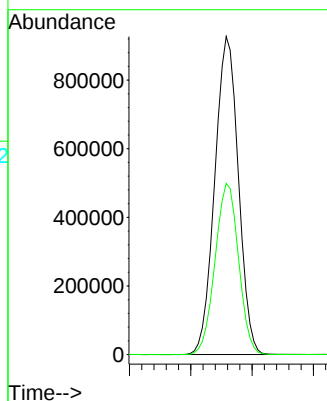
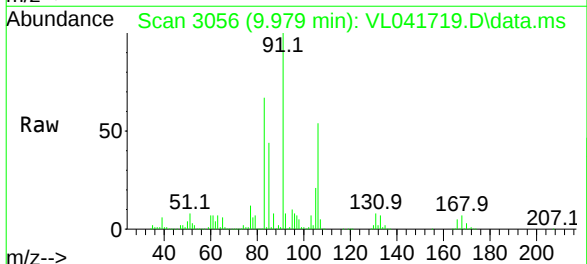


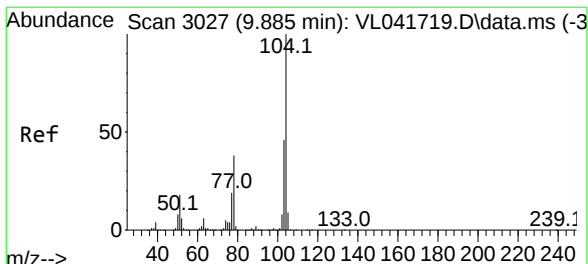
Tgt Ion: 91 Resp: 1114692
Ion Ratio Lower Upper
91 100
106 125.6 45.1 67.7#



#60
o-Xylene
Concen: 9.541 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

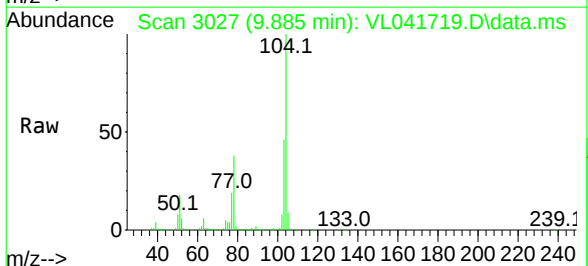
Tgt Ion: 91 Resp: 1239639
Ion Ratio Lower Upper
91 100
106 53.6 26.8 80.4





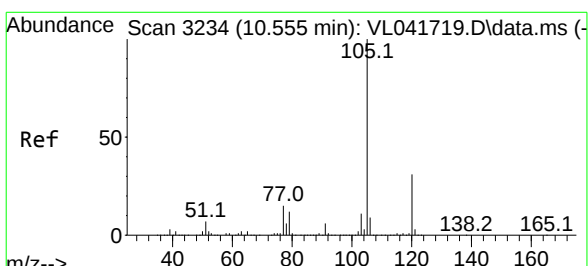
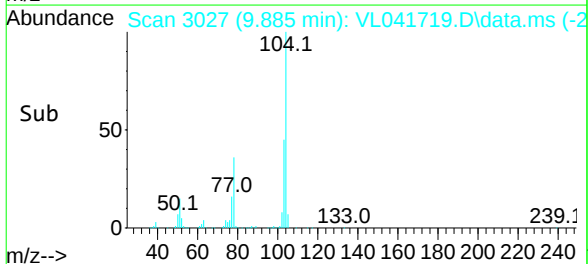
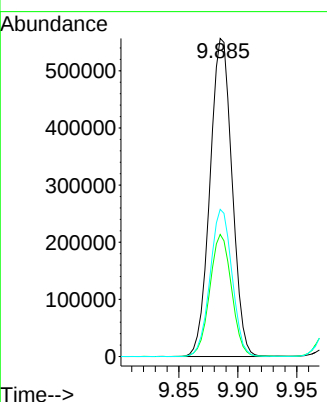
#61
 Styrene
 Concen: 10.118 ppbv
 RT: 9.885 min Scan# 3027
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 104 Resp: 725710

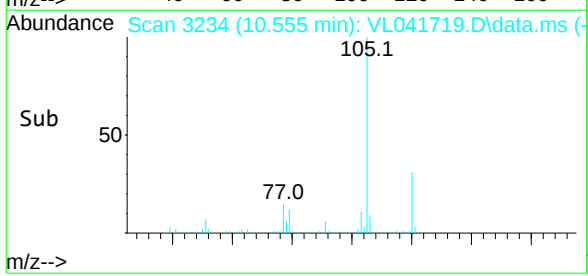
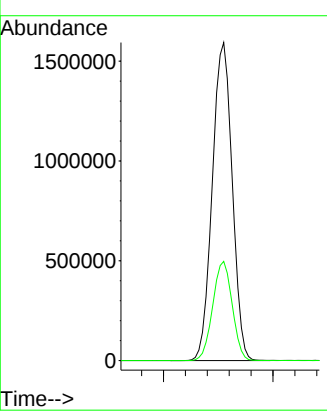
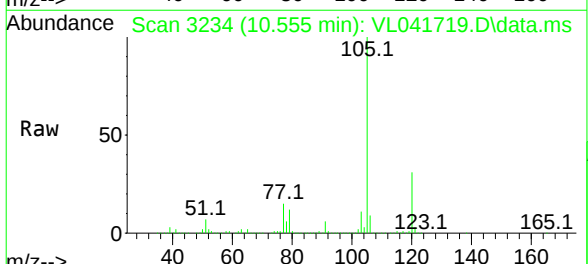
Ion	Ratio	Lower	Upper
104	100		
78	37.8	30.2	45.4
103	45.9	36.7	55.1

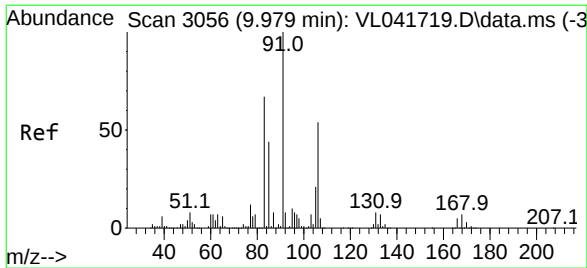


#62
 Isopropylbenzene
 Concen: 9.386 ppbv
 RT: 10.555 min Scan# 3234
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Tgt Ion: 105 Resp: 2011979

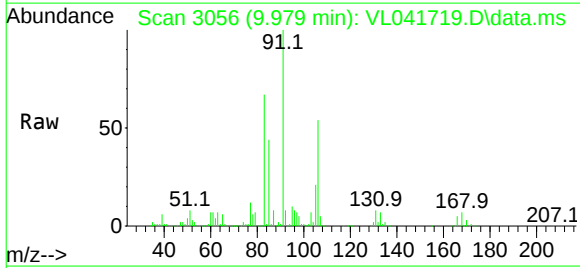
Ion	Ratio	Lower	Upper
105	100		
120	30.4	24.3	36.5



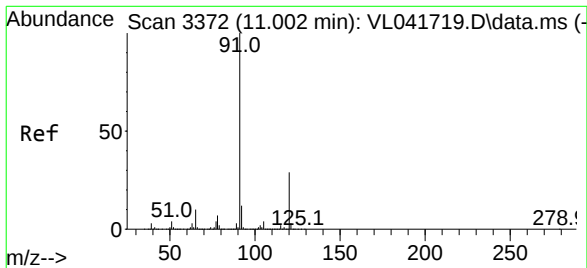
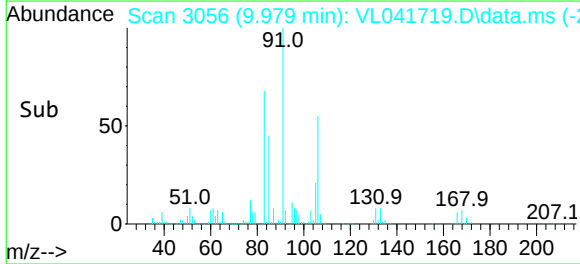
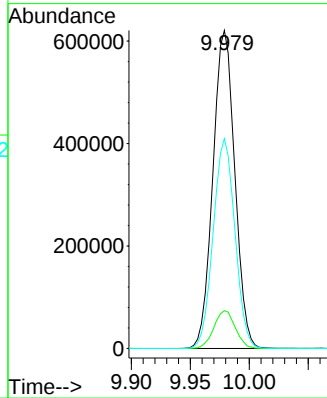


#63
1,1,2,2-Tetrachloroethane
Concen: 9.543 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

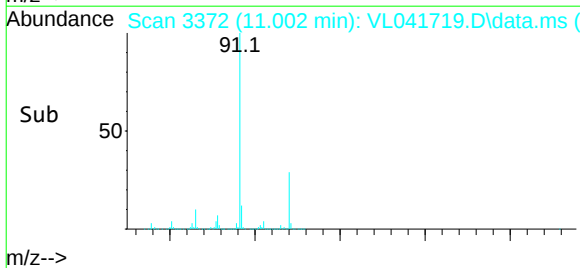
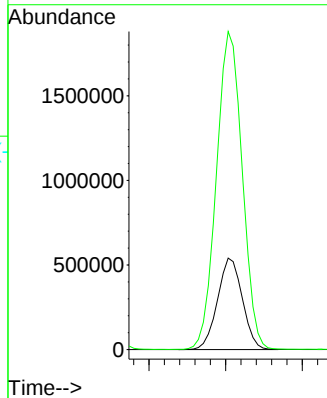
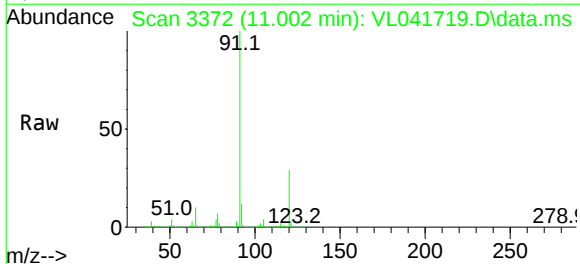


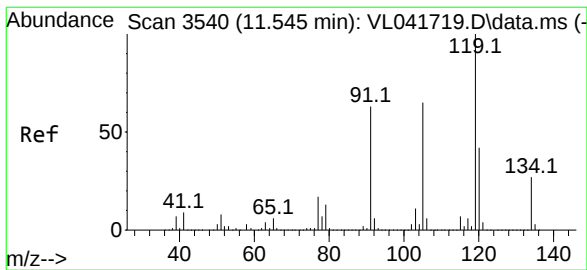
Tgt Ion: 83 Resp: 802268
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 65.6 32.8 98.4



#64
n-propylbenzene
Concen: 9.619 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

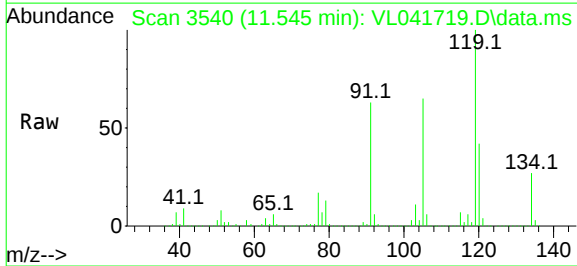
Tgt Ion: 120 Resp: 607024
Ion Ratio Lower Upper
120 100
91 363.5 290.8 436.2



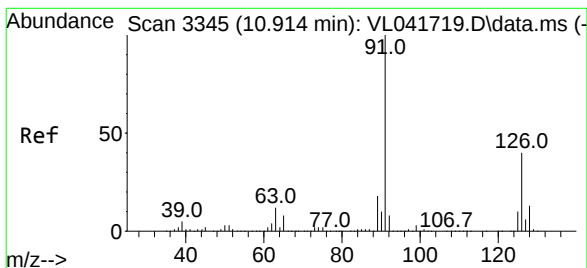
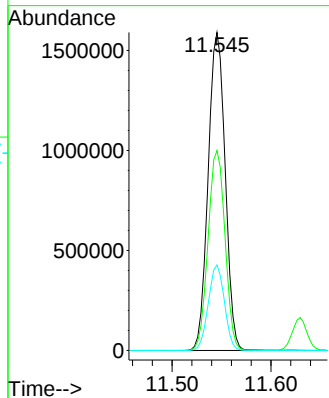
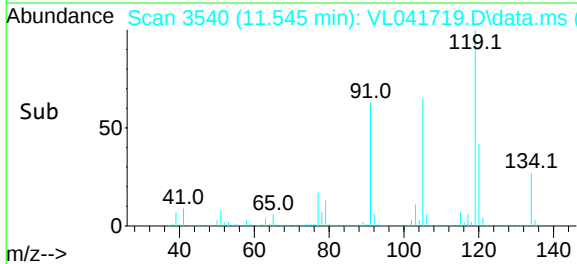


#65
tert-Butylbenzene
Concen: 9.356 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

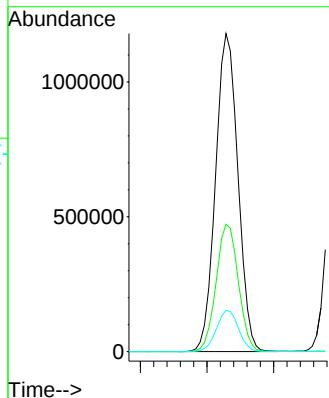
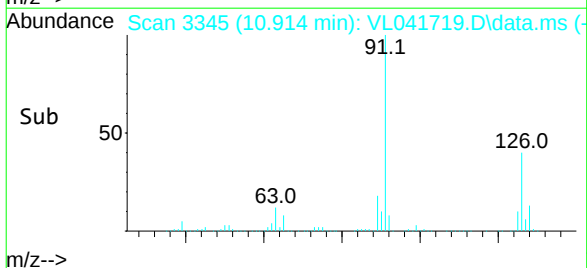
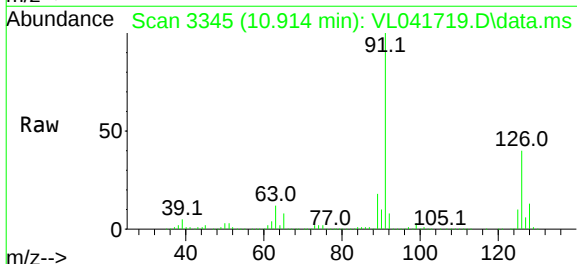


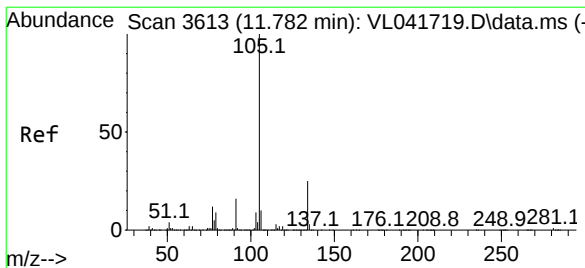
Tgt Ion: 119 Resp: 1900979
Ion Ratio Lower Upper
119 100
91 62.8 50.2 75.4
134 25.5 20.4 30.6



#66
Benzyl Chloride
Concen: 9.422 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 91 Resp: 1372889
Ion Ratio Lower Upper
91 100
126 39.8 31.8 47.8
128 12.9 10.3 15.5





#67

sec-Butylbenzene

Concen: 9.246 ppbv

RT: 11.782 min Scan# 3613

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

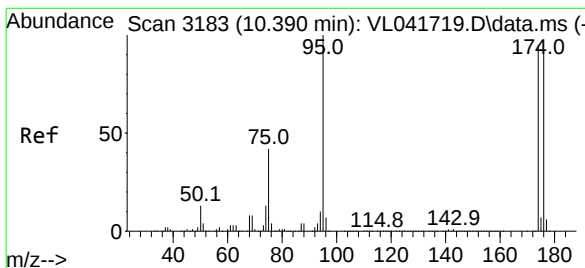
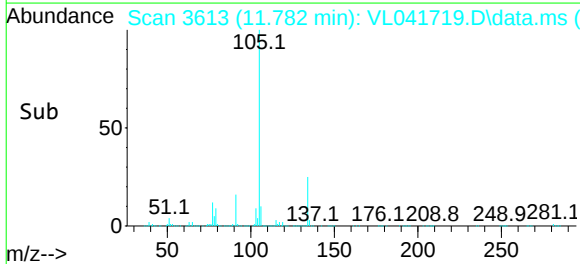
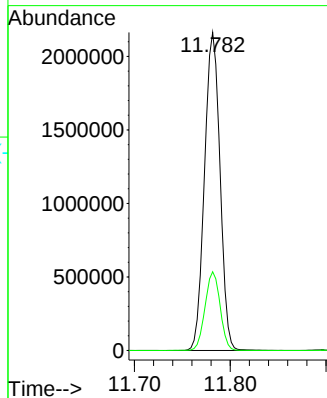
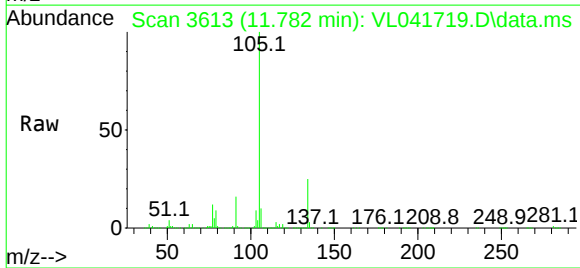
ClientSampleId :

Tgt Ion:105 Resp: 2431886

Ion Ratio Lower Upper

105 100

134 24.1 19.3 28.9



#68

1-Bromo-4-Fluorobenzene

Concen: 10.092 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

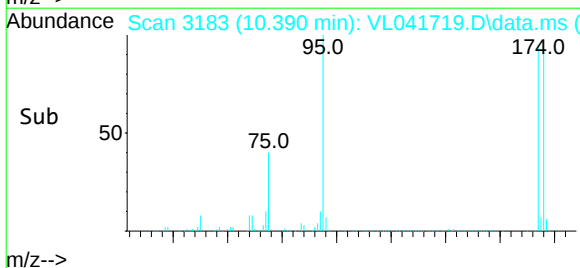
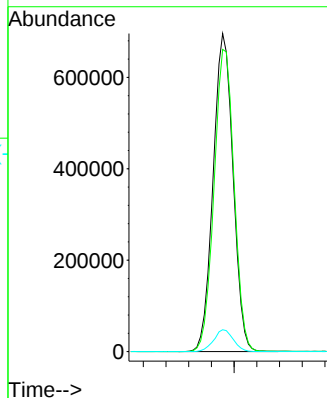
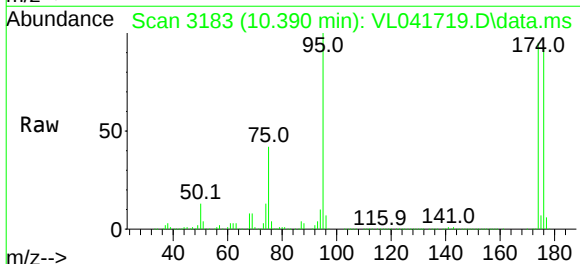
Tgt Ion: 95 Resp: 847807

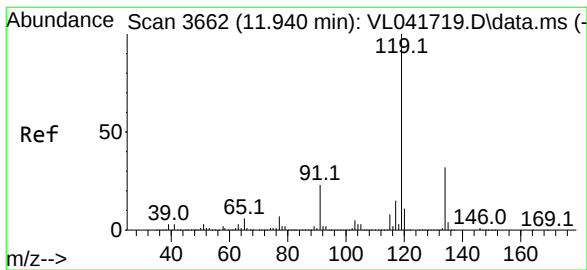
Ion Ratio Lower Upper

95 100

174 95.9 76.7 115.1

175 6.8 5.4 8.2





#69

p-Isopropyltoluene

Concen: 9.436 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

ClientSampleId :

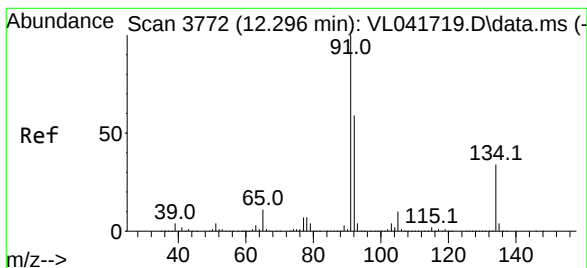
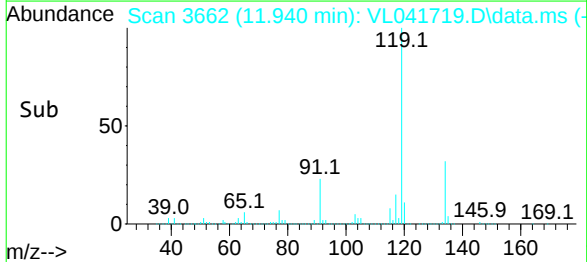
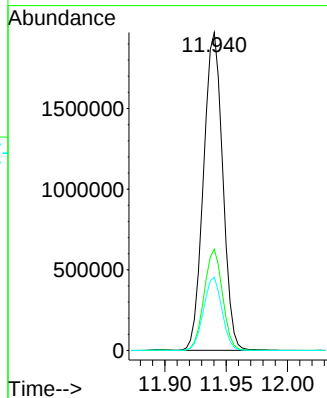
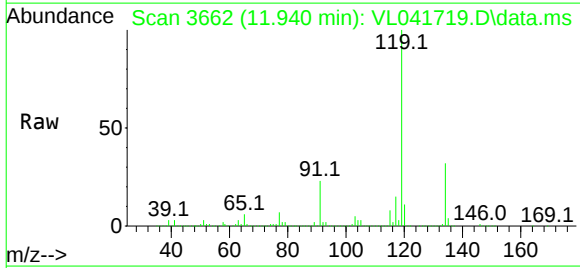
Tgt Ion:119 Resp: 2140587

Ion Ratio Lower Upper

119 100

134 30.7 24.6 36.8

91 22.3 17.8 26.8



#70

n-Butylbenzene

Concen: 9.515 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

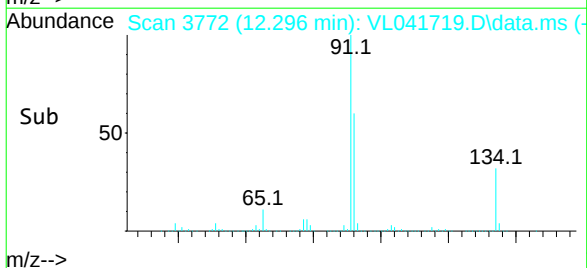
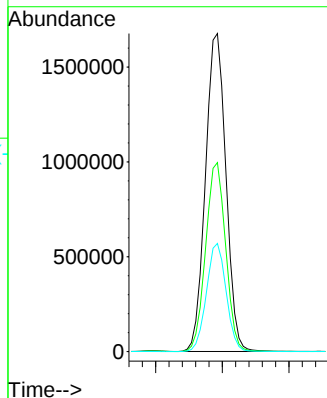
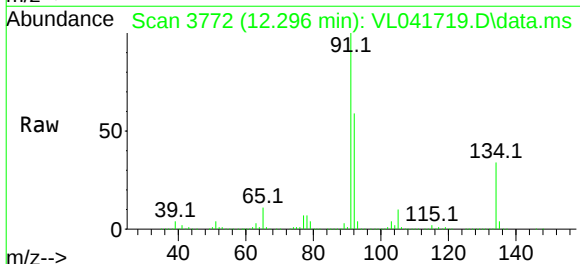
Tgt Ion: 91 Resp: 1791267

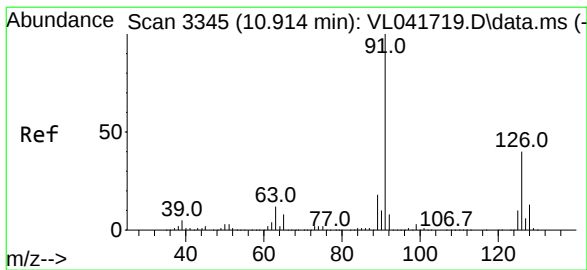
Ion Ratio Lower Upper

91 100

92 58.4 46.7 70.1

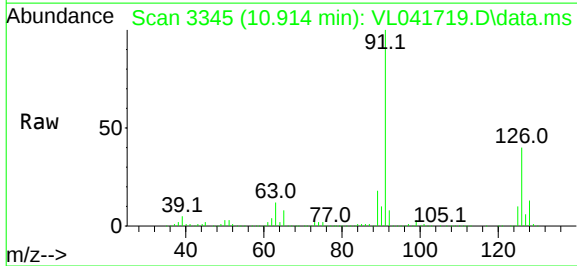
134 32.8 26.2 39.4



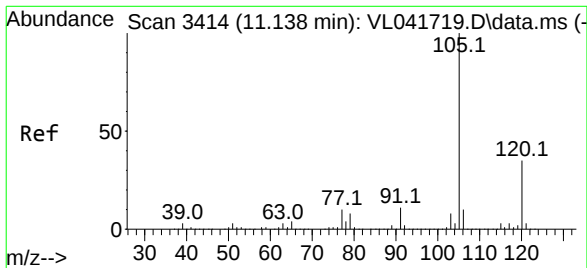
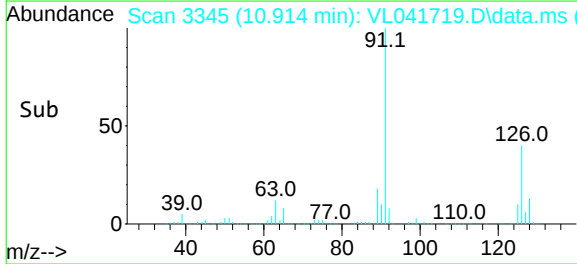
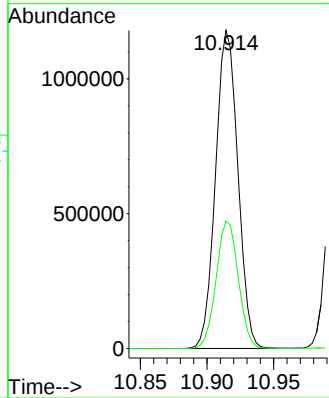


#71
2-Chlorotoluene
Concen: 9.422 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

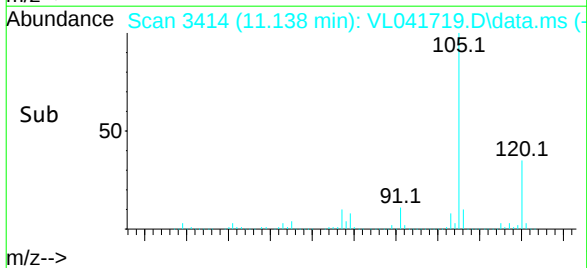
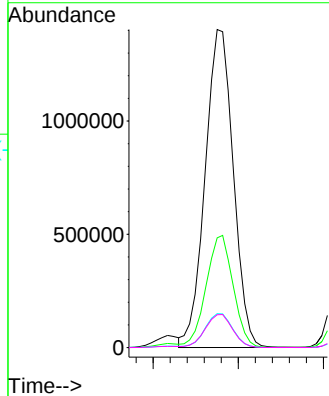
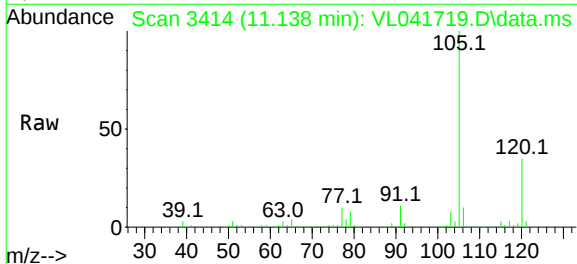


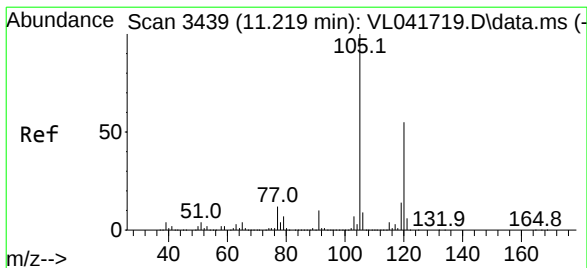
Tgt Ion: 91 Resp: 1372889
Ion Ratio Lower Upper
91 100
126 39.8 15.9 63.7



#72
4-Ethyltoluene
Concen: 9.630 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion: 105 Resp: 1615742
Ion Ratio Lower Upper
105 100
120 35.0 28.0 42.0
91 11.0 8.8 13.2
77 10.6 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 9.815 ppbv

RT: 11.219 min Scan# 3439

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

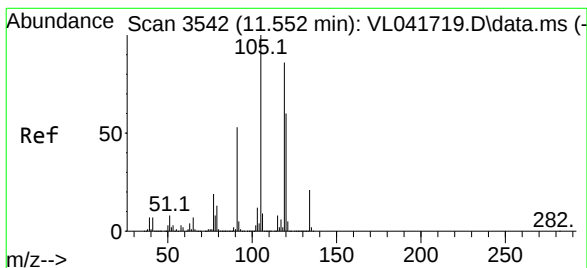
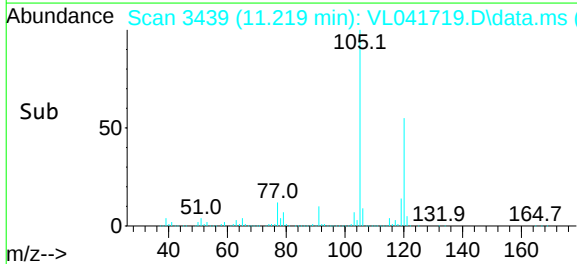
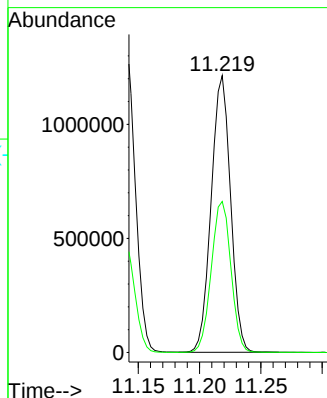
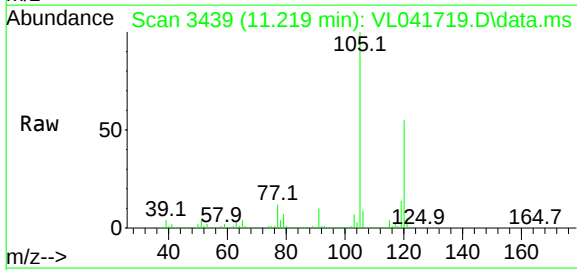
ClientSampleId :

Tgt Ion:105 Resp: 1332277

Ion Ratio Lower Upper

105 100

120 54.5 43.6 65.4



#74

1,2,4-Trimethylbenzene

Concen: 9.901 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Tgt Ion:105 Resp: 1460995

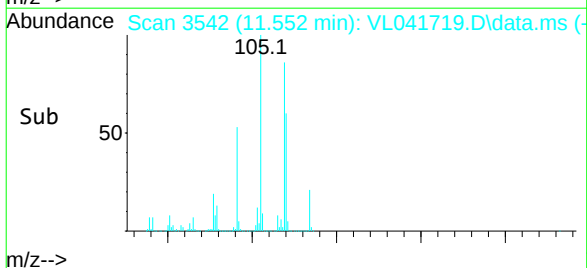
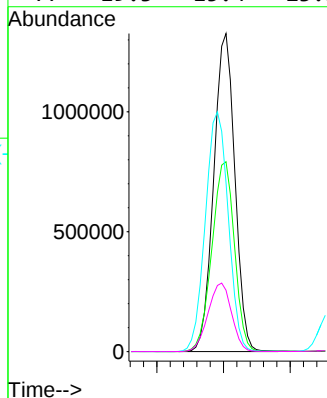
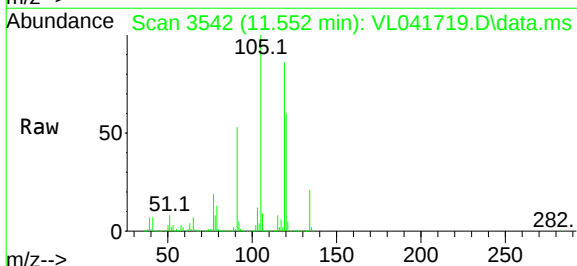
Ion Ratio Lower Upper

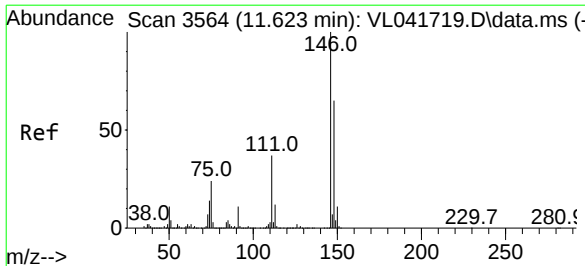
105 100

120 59.7 47.8 71.6

91 53.1 42.5 63.7

77 19.3 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 9.403 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.000 min

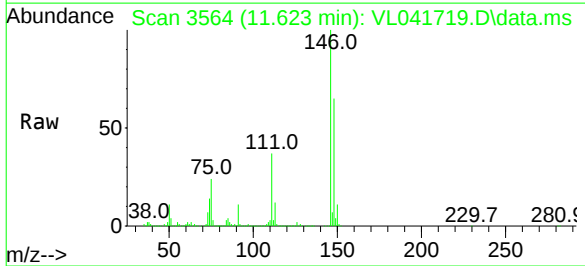
Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

ClientSampleId :



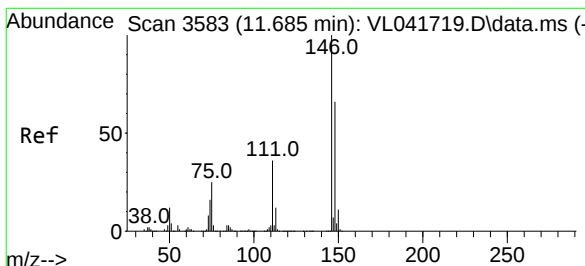
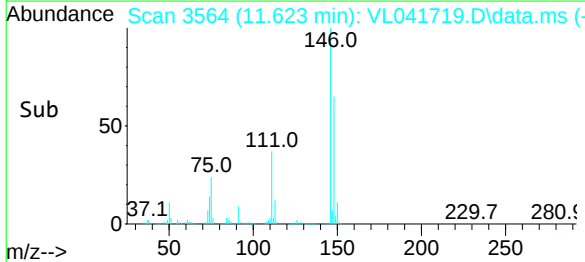
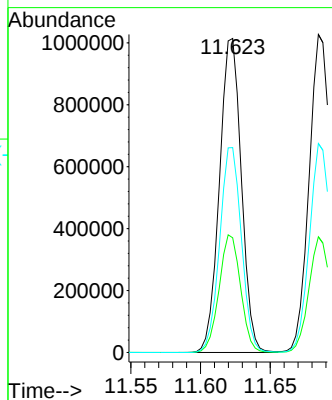
Tgt Ion:146 Resp: 1108805

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 64.8 32.4 97.2



#76

1,4-Dichlorobenzene

Concen: 9.573 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

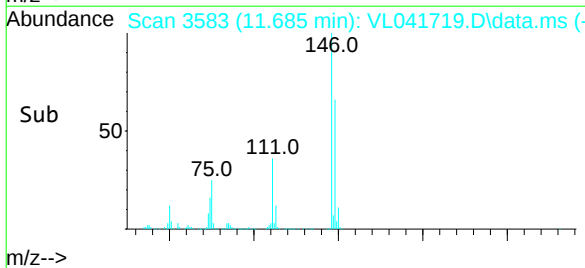
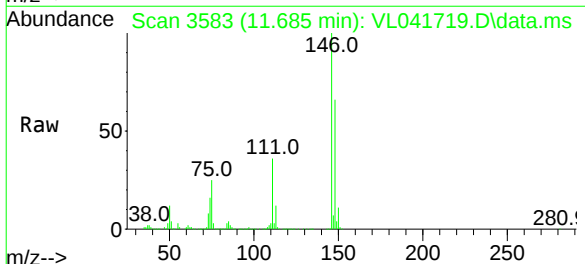
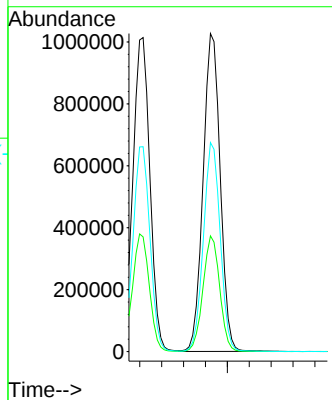
Tgt Ion:146 Resp: 1114894

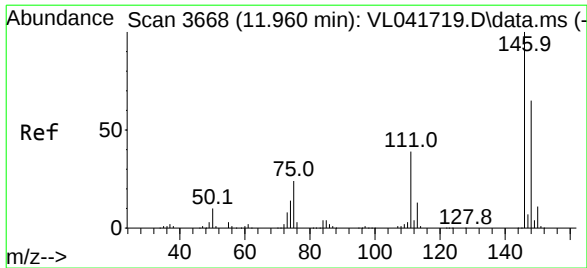
Ion Ratio Lower Upper

146 100

111 35.6 17.8 53.4

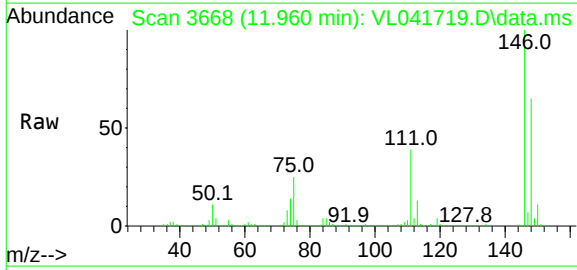
148 64.8 32.4 97.2



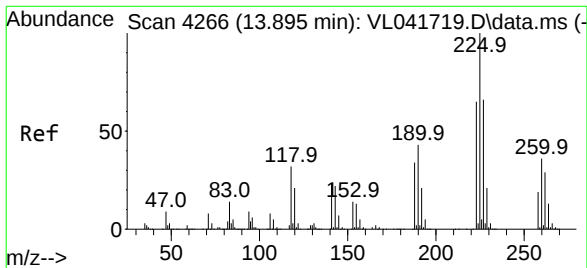
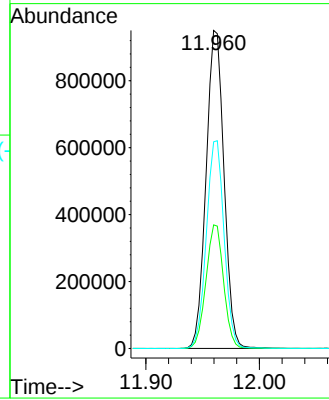
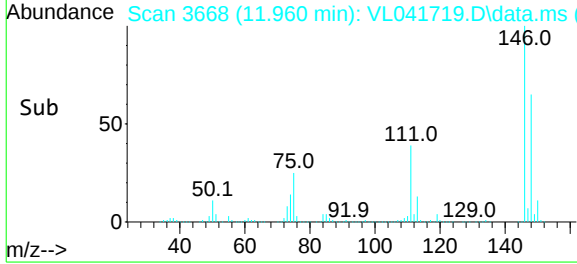


#77
1,2-Dichlorobenzene
Concen: 9.346 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Instrument :
MSVOA_L
ClientSampleId :

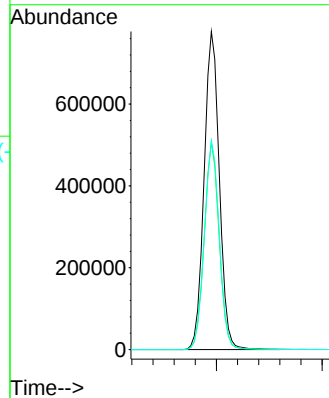
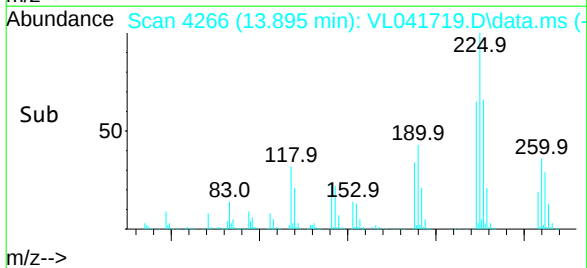
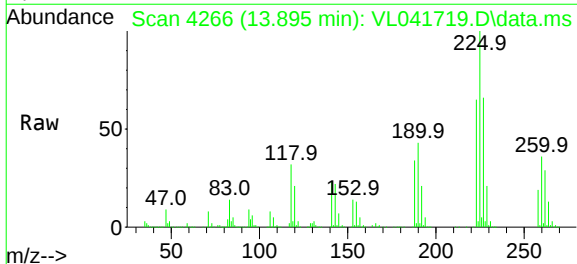


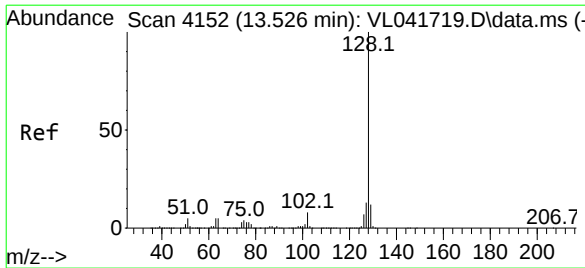
Tgt Ion:146 Resp: 1043603
Ion Ratio Lower Upper
146 100
111 38.4 19.2 57.6
148 64.8 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.478 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL041719.D
Acq: 11 Dec 2024 14:10

Tgt Ion:225 Resp: 778073
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 64.7 51.8 77.6





#79

Naphthalene

Concen: 10.342 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

Instrument :

MSVOA_L

ClientSampleId :

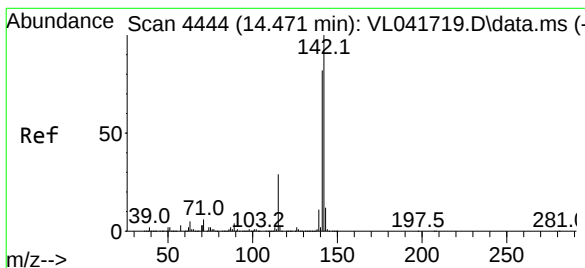
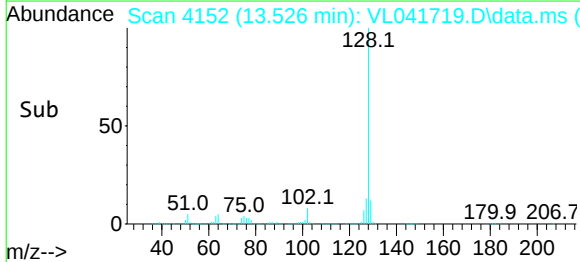
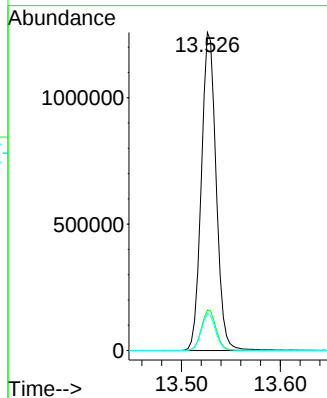
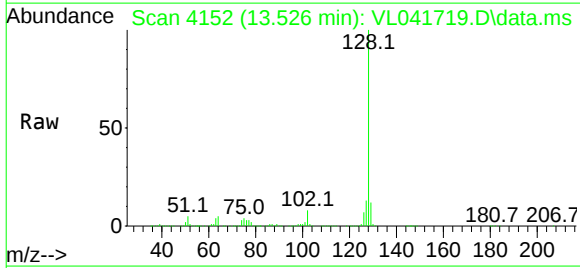
Tgt Ion:128 Resp: 1306228

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.7 9.4 14.0



#80

Naphthalene, 2-methyl-

Concen: 15.829 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. 0.000 min

Lab File: VL041719.D

Acq: 11 Dec 2024 14:10

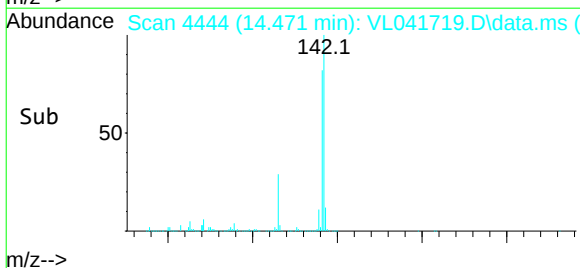
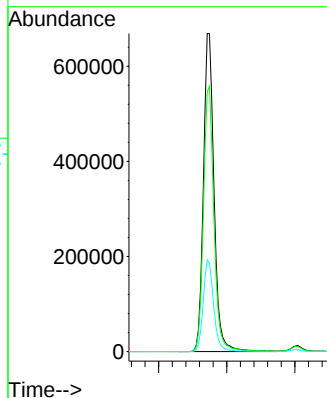
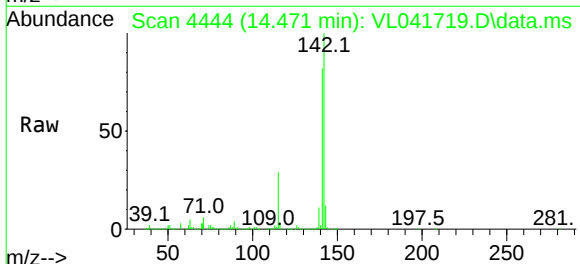
Tgt Ion:142 Resp: 723329

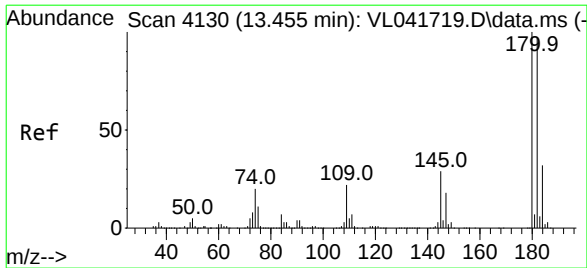
Ion Ratio Lower Upper

142 100

141 82.5 66.0 99.0

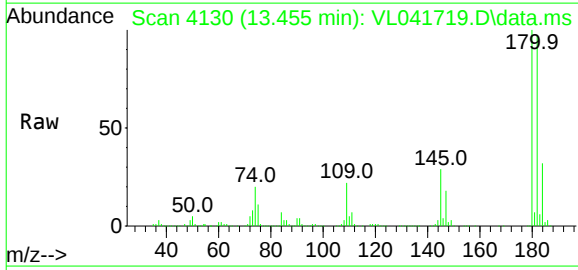
115 28.5 22.8 34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.863 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041719.D
 Acq: 11 Dec 2024 14:10

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	784350
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.2	115.8
184	31.5	25.2	37.8

