

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039720.D
 Acq On : 17 Oct 2022 15:27
 Operator : SY/AP
 Sample : VL1017ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABS01

Quant Time: Oct 18 05:26:27 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1070927	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.690	114	2807817	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	3228155	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.806	95	1941297	8.056	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.767	85	935117	7.532	ppbv	97
3) Chlorodifluoromethane	2.713	51	1136911	8.946	ppbv	97
4) Chloromethane	2.851	50	702838	9.164	ppbv	100
5) Vinyl Chloride	2.957	62	604866	9.462	ppbv	98
6) Bromomethane	3.156	94	219661	9.318	ppbv	100
7) Chloroethane	3.237	64	222209	9.505	ppbv	93
8) Dichlorotetrafluoroethane	2.896	85	1348115	9.052	ppbv	95
9) Propene	2.732	41	501033	8.632	ppbv	98
10) Heptane	7.613	43	1331804	9.833	ppbv	100
11) Trichlorofluoromethane	3.603	101	1416197	9.211	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.105	101	1094796	9.427	ppbv	97
13) Ethanol	3.275	45	16546	3.741	ppbv	55
14) Bromoethene	3.404	108	434162	9.365	ppbv	96
15) Acetone	3.507	43	1079688	9.060	ppbv	99
16) 1,3-Butadiene	3.025	39	569436	9.420	ppbv	98
17) tert-Butyl alcohol	3.915	59	933553	8.729	ppbv	100
18) 1,1-Dichloroethene	3.922	96	477381	9.343	ppbv	97
19) Isopropyl Alcohol	3.613	45	519797	8.557	ppbv	99
20) Methylene Chloride	3.973	84	414539	7.524	ppbv	97
21) Allyl Chloride	4.037	41	764847	9.426	ppbv	97
22) trans-1,2-Dichloroethene	4.484	96	499214	9.876	ppbv	93
23) Vinyl Acetate	4.668	43	466203	8.654	ppbv	98
24) 1,1-Dichloroethane	4.603	63	1023199	9.538	ppbv	98
25) Ethyl Acetate	5.243	43	2360456	9.084	ppbv	99
26) Hexane	5.253	57	957130	8.680	ppbv	95
27) Carbon Disulfide	4.163	76	1211617	10.455	ppbv	99
28) Methyl tert-Butyl Ether	4.626	73	836280	9.027	ppbv	99
29) Chloroform	5.314	83	1501161	9.430	ppbv	97
30) Cyclohexane	6.639	84	825648	9.669	ppbv	97
31) cis-1,2-Dichloroethene	5.118	61	922024	9.245	ppbv	96
32) 1,1,1-Trichloroethane	6.041	97	1431113	9.930	ppbv	98
34) 2-Butanone	4.825	43	1176202	8.528	ppbv	98
35) Carbon Tetrachloride	6.529	117	1532360	10.280	ppbv	100
36) Benzene	6.407	78	2044064	9.522	ppbv	98
37) 1,2-Dichloroethane	5.844	62	1113150	9.527	ppbv	100
38) Trichloroethene	7.327	130	1184609	10.211	ppbv	98
39) 1,2-Dichloropropane	7.111	63	758721	9.153	ppbv	96
40) 1,4-Dioxane	7.320	88	148732	4.394	ppbv #	1
41) Tetrahydrofuran	5.597	42	828719	9.795	ppbv	95
42) Bromodichloromethane	7.285	83	1580026	9.723	ppbv	99
43) Methyl Methacrylate	7.510	69	796154	10.174	ppbv	98
44) 2,2,4-Trimethylpentane	7.362	57	3453985	9.335	ppbv	99
45) t-1,3-Dichloropropene	8.745	75	733890	11.098	ppbv	99

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 Acq On : 17 Oct 2022 15:27
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 Sample : VL1017ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

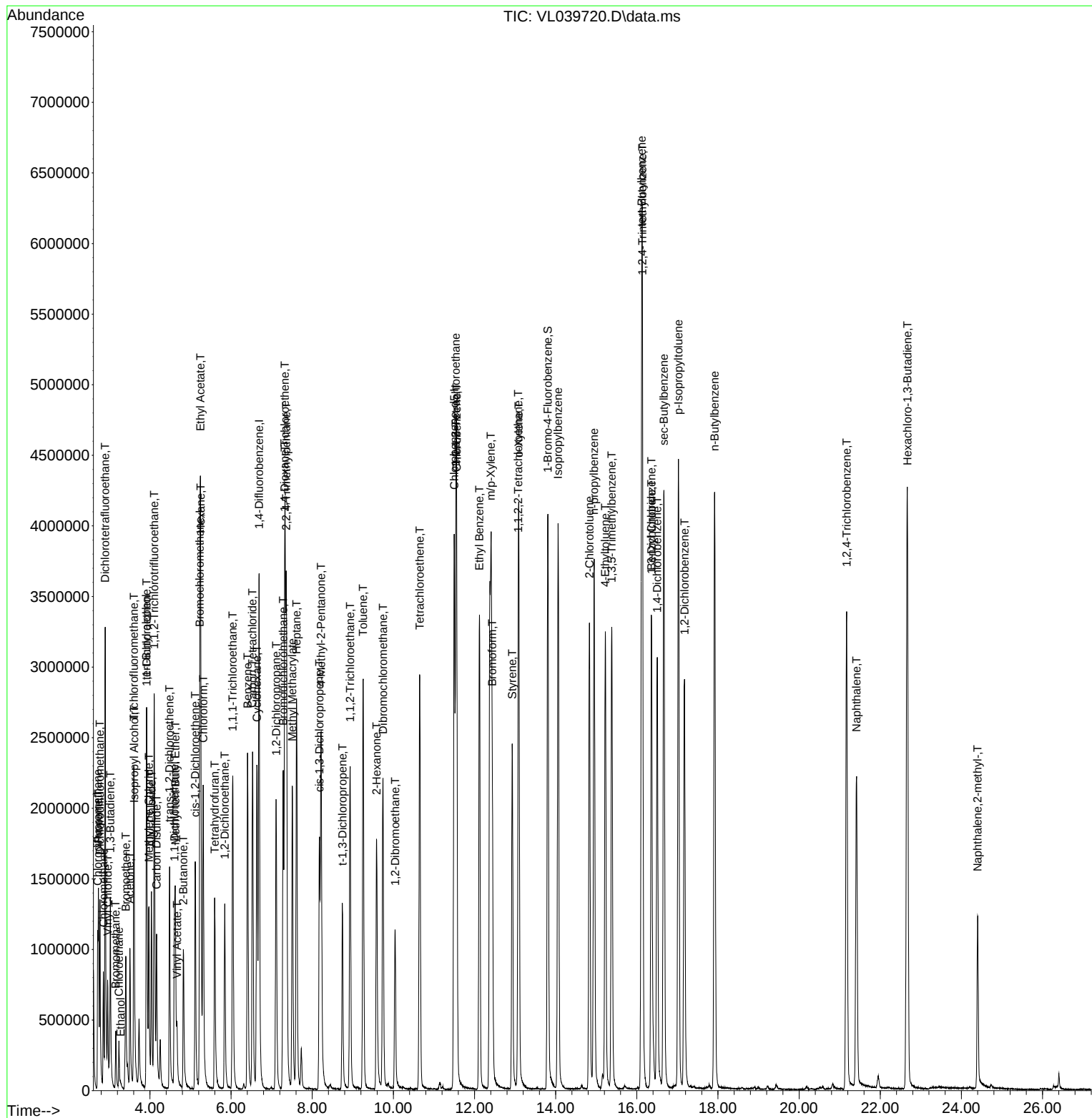
Instrument :
 MSVOA_L
 ClientSampleId :
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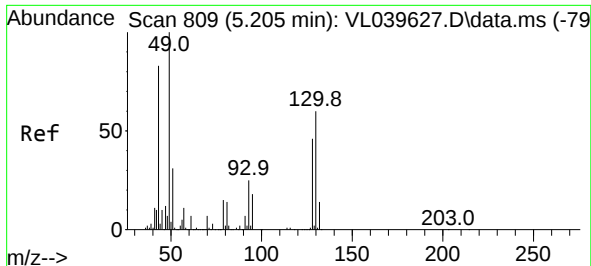
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.179	75	1017545	10.809	ppbv	96
47) 1,1,2-Trichloroethane	8.934	97	835747	9.224	ppbv	96
48) Dibromochloromethane	9.745	129	1370818	10.047	ppbv	99
49) Bromoform	12.436	173	1111173	9.847	ppbv	99
50) 4-Methyl-2-Pentanone	8.217	43	2182961	10.073	ppbv	98
51) 2-Hexanone	9.584	43	1646574	10.264	ppbv #	100
52) Tetrachloroethene	10.648	164	753463	9.200	ppbv	97
53) Toluene	9.253	91	2388409	10.004	ppbv	100
54) 1,2-Dibromoethane	10.044	107	952814	9.830	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.539	131	1010640	7.747	ppbv	98
57) Chlorobenzene	11.561	112	1794203	7.558	ppbv	99
58) Ethyl Benzene	12.121	91	3108215	8.351	ppbv	99
59) m/p-Xylene	12.404	91	2808863	8.480	ppbv #	38
60) o-Xylene	13.089	91	2493446	7.883	ppbv	99
61) Styrene	12.928	104	1479444	8.684	ppbv	99
62) Isopropylbenzene	14.060	105	3641024	7.649	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.079	83	917573	7.272	ppbv	99
64) n-propylbenzene	14.947	120	935384	7.674	ppbv	94
65) tert-Butylbenzene	16.121	119	3186593	7.578	ppbv	100
66) Benzyl Chloride	16.358	91	221224	6.607	ppbv	96
67) sec-Butylbenzene	16.667	105	4449268	7.543	ppbv	99
69) p-Isopropyltoluene	17.027	119	3717153	7.669	ppbv	99
70) n-Butylbenzene	17.915	91	3736788	7.865	ppbv	99
71) 2-Chlorotoluene	14.831	91	2629853	7.652	ppbv	100
72) 4-Ethyltoluene	15.223	105	2833737	7.847	ppbv	98
73) 1,3,5-Trimethylbenzene	15.381	105	2596947	7.859	ppbv	97
74) 1,2,4-Trimethylbenzene	16.140	105	2797810	7.554	ppbv	98
75) 1,3-Dichlorobenzene	16.362	146	1671000	7.561	ppbv	100
76) 1,4-Dichlorobenzene	16.503	146	1599742	7.236	ppbv	100
77) 1,2-Dichlorobenzene	17.175	146	1601806	7.432	ppbv	99
78) Hexachloro-1,3-Butadiene	22.670	225	1293379	7.854	ppbv	99
79) Naphthalene	21.416	128	2732304	11.178	ppbv	98
80) Naphthalene,2-methyl-	24.400	142	786028	8.552	ppbv	99
81) 1,2,4-Trichlorobenzene	21.172	180	1517835	9.454	ppbv	100

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

Quant Time: Oct 18 05:26:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
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QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

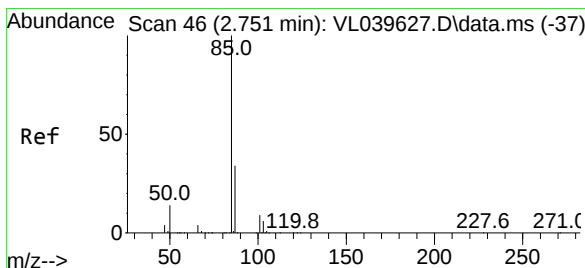
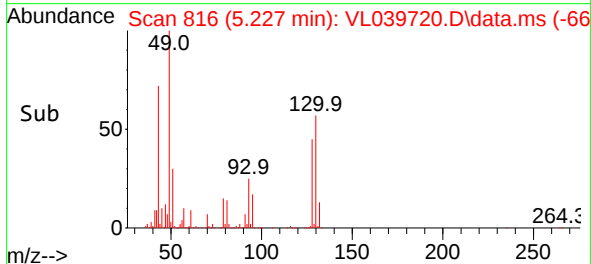
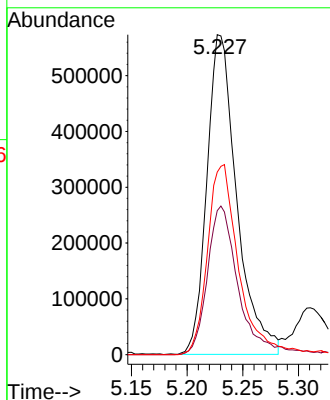
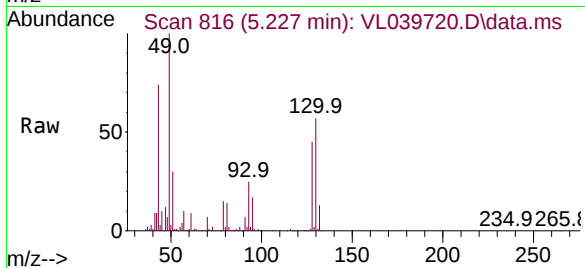




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

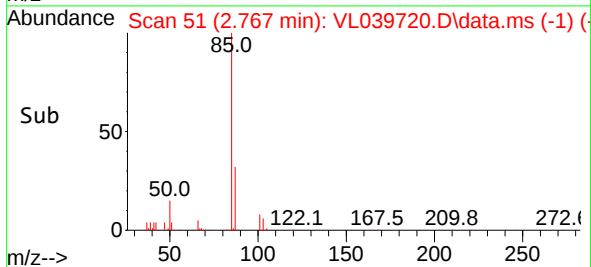
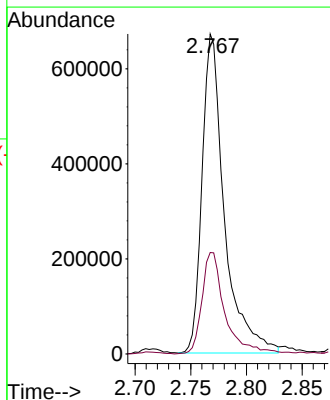
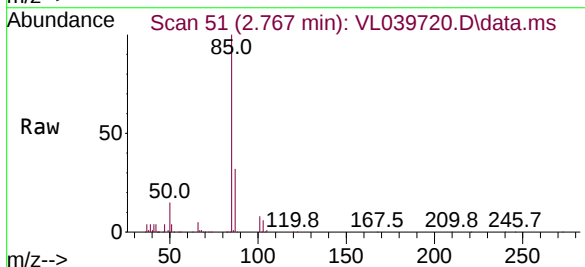
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

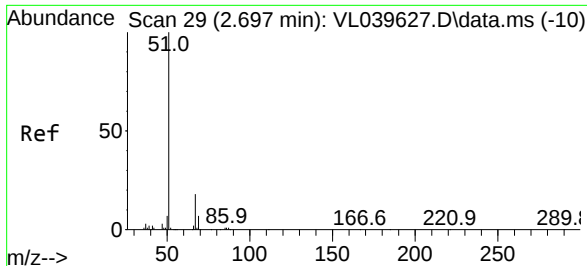
Tgt Ion: 49 Resp: 1070927
Ion Ratio Lower Upper
49 100
128 49.4 26.7 80.0
130 63.5 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 7.532 ppbv
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 85 Resp: 935117
Ion Ratio Lower Upper
85 100
87 31.7 26.7 40.1

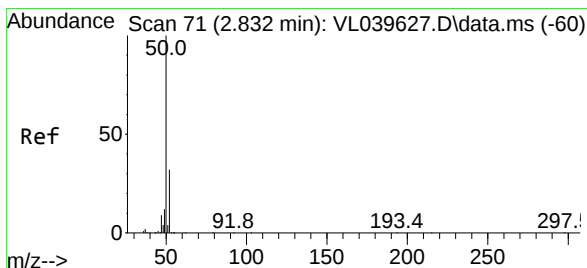
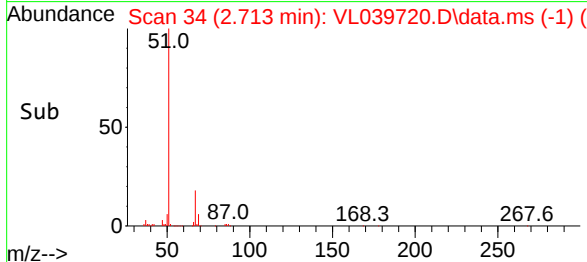
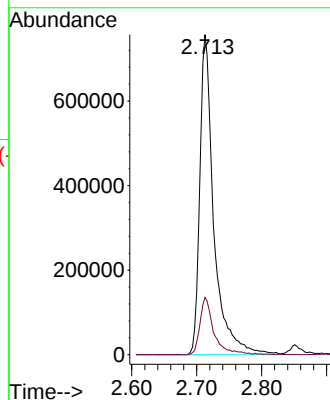
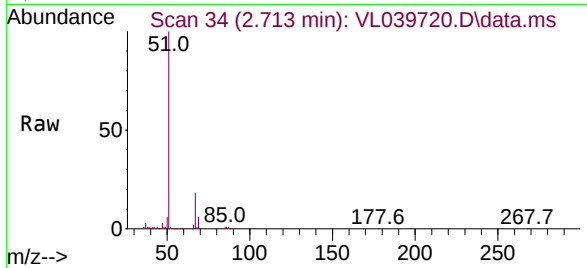




#3
Chlorodifluoromethane
Concen: 8.946 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.000 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

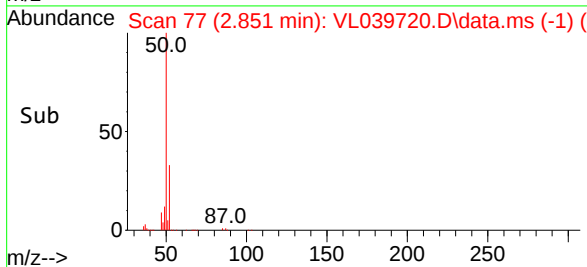
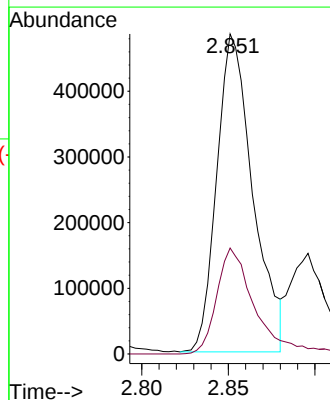
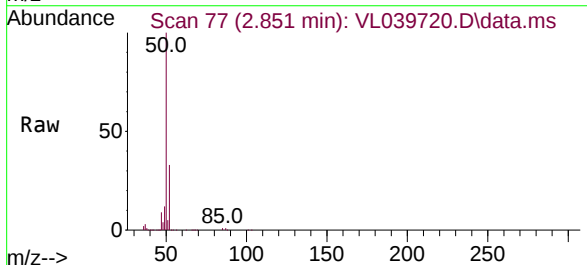
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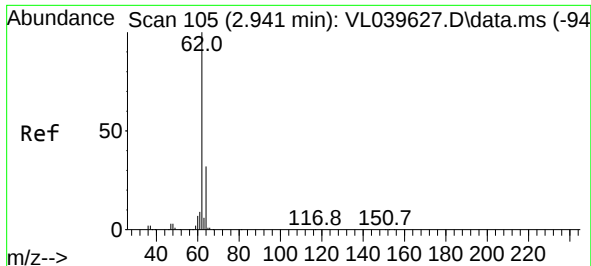
Tgt Ion: 51 Resp: 1136911
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5



#4
Chloromethane
Concen: 9.164 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.000 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 50 Resp: 702838
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

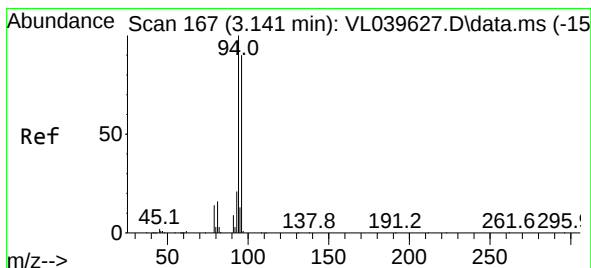
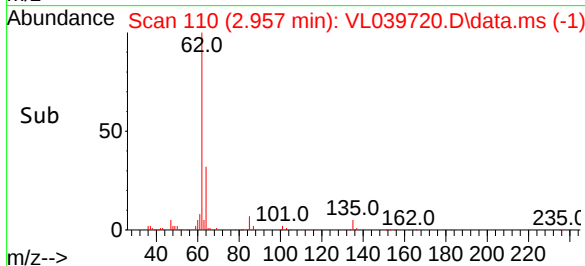
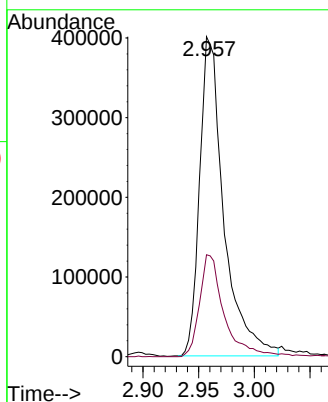
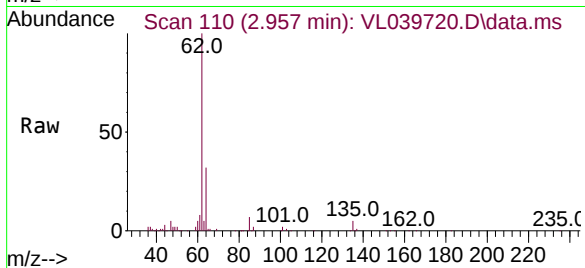




#5
 Vinyl Chloride
 Concen: 9.462 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

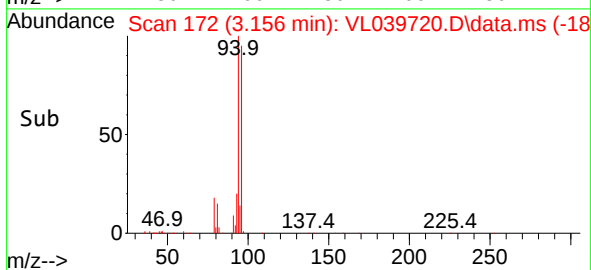
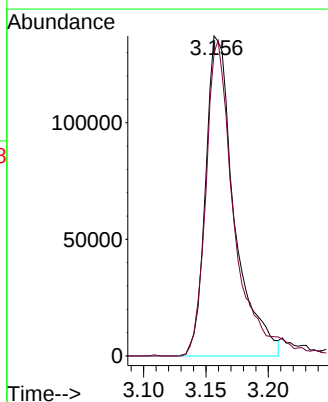
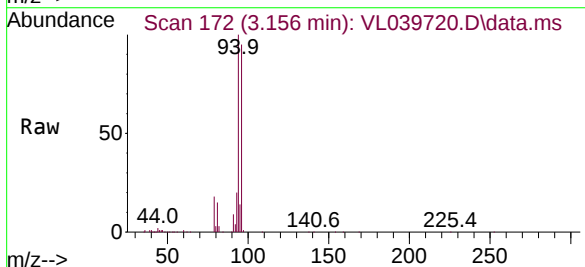
Instrument :
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 ClientSampleId :
 VL1017ABS01

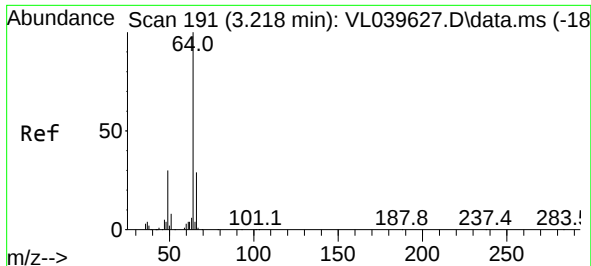
Tgt Ion: 62 Resp: 604866
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.6 36.8



#6
 Bromomethane
 Concen: 9.318 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. -0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 94 Resp: 219661
 Ion Ratio Lower Upper
 94 100
 96 94.7 75.6 113.4

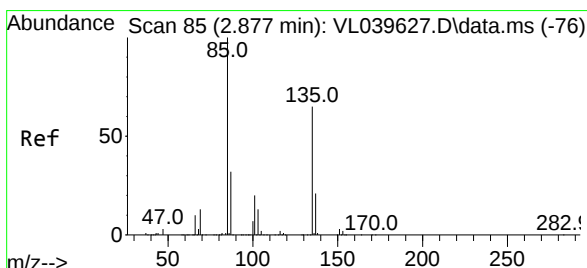
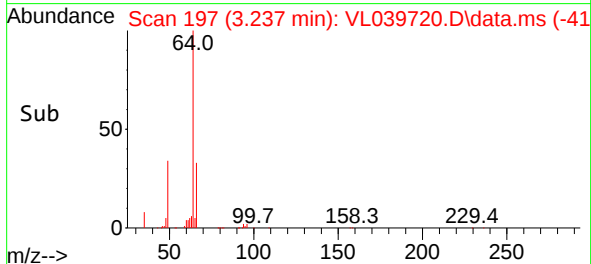
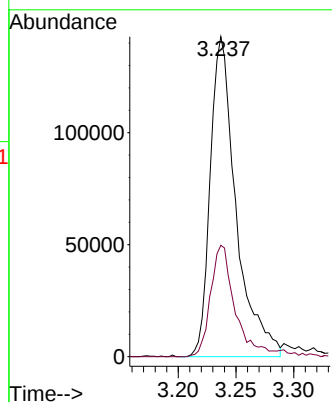
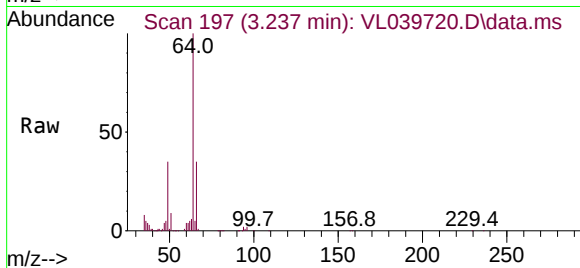




#7
Chloroethane
Concen: 9.505 ppbv
RT: 3.237 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

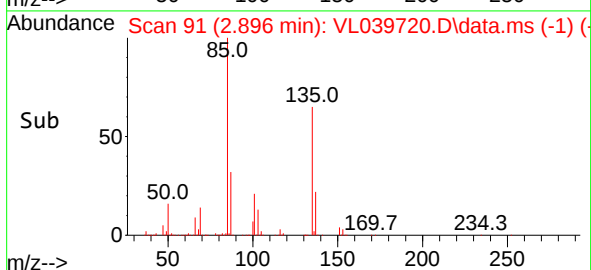
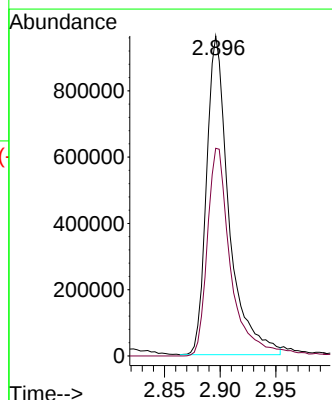
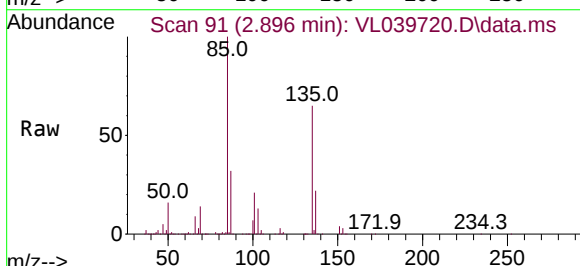
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ClientSampleId :
VL1017ABS01

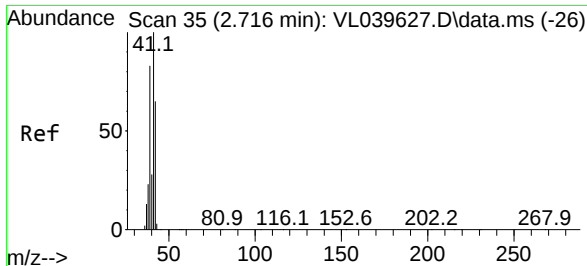
Tgt Ion: 64 Resp: 222209
Ion Ratio Lower Upper
64 100
66 34.8 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 9.052 ppbv
RT: 2.896 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 85 Resp: 1348115
Ion Ratio Lower Upper
85 100
135 69.7 59.0 88.4

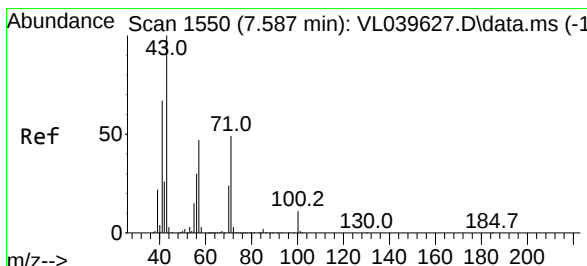
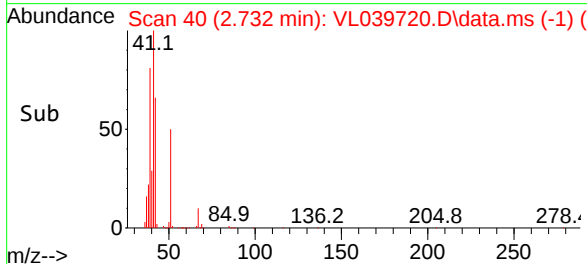
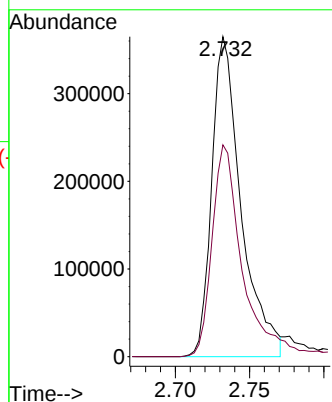
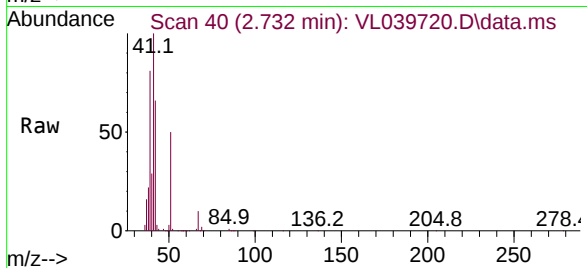




#9
 Propene
 Concen: 8.632 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

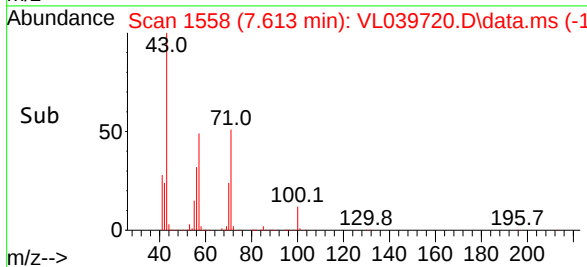
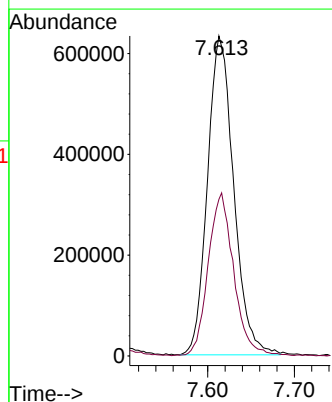
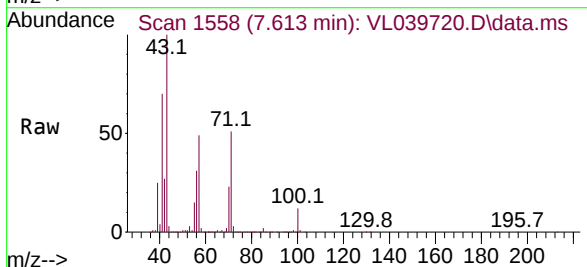
Instrument :
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 ClientSampleId :
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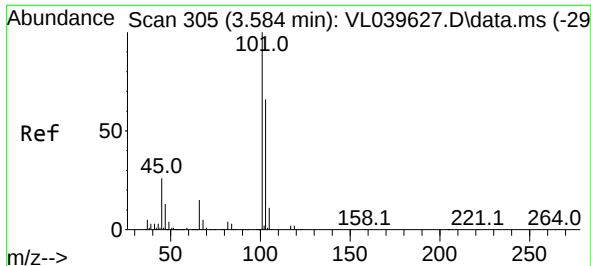
Tgt Ion: 41 Resp: 501033
 Ion Ratio Lower Upper
 41 100
 42 70.4 55.2 82.8



#10
 Heptane
 Concen: 9.833 ppbv
 RT: 7.613 min Scan# 1558
 Delta R.T. 0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 43 Resp: 1331804
 Ion Ratio Lower Upper
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 57 50.4 40.5 60.7

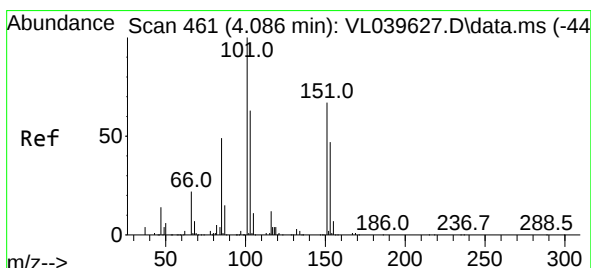
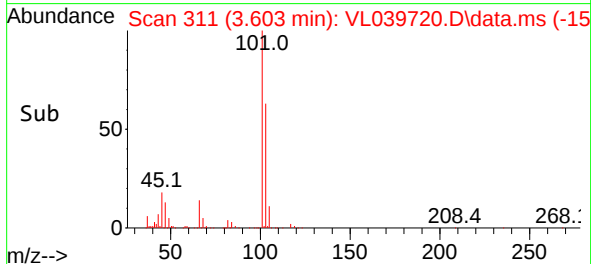
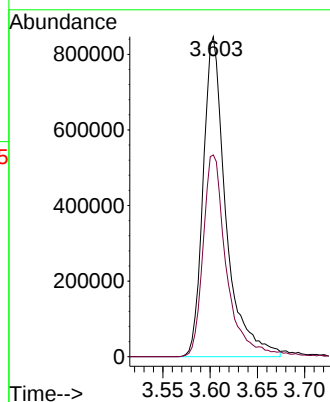
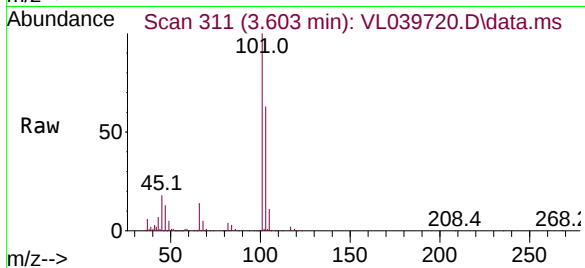




#11
 Trichlorofluoromethane
 Concen: 9.211 ppbv
 RT: 3.603 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

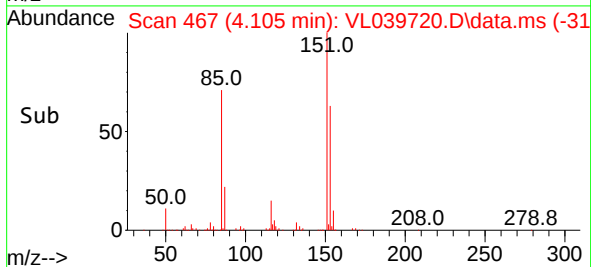
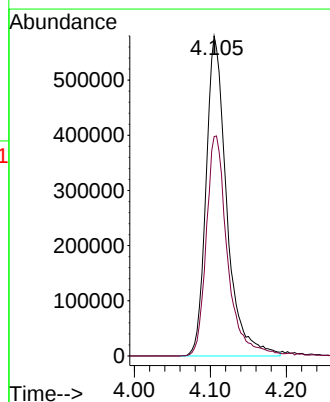
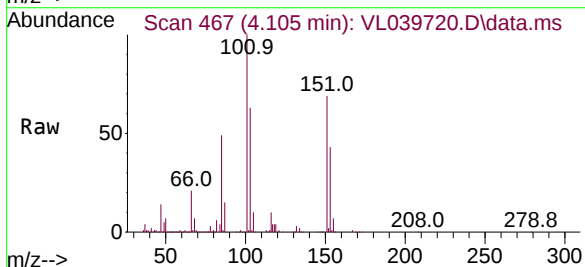
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABS01

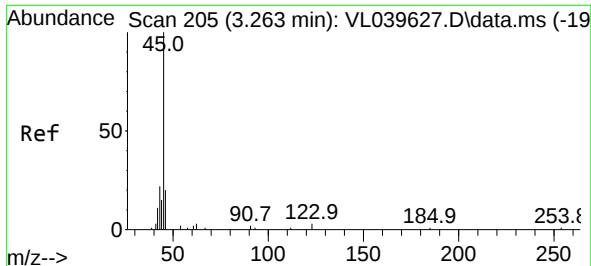
Tgt Ion:101 Resp: 1416197
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.427 ppbv
 RT: 4.105 min Scan# 467
 Delta R.T. -0.000 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion:101 Resp: 1094796
 Ion Ratio Lower Upper
 101 100
 151 71.4 58.9 88.3

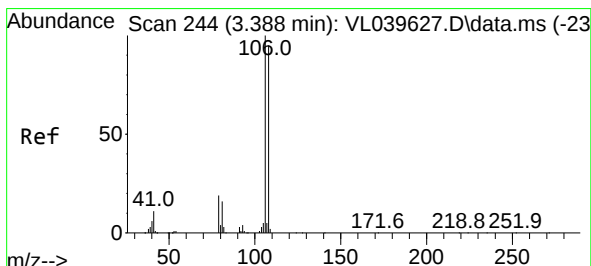
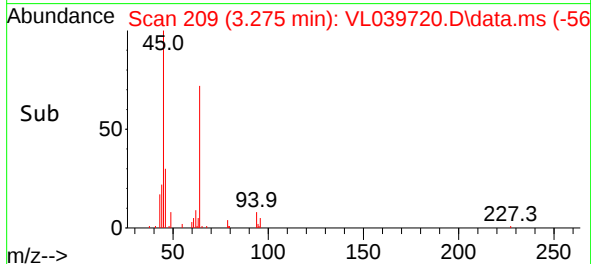
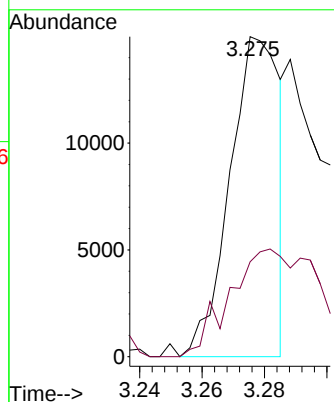
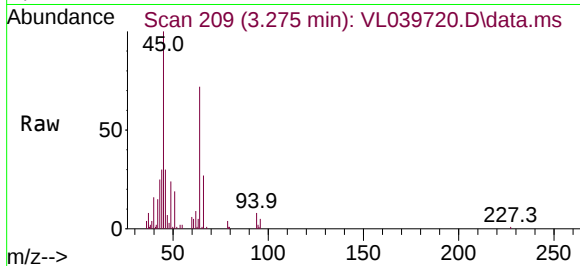




#13
 Ethanol
 Concen: 3.741 ppbv
 RT: 3.275 min Scan# 205
 Delta R.T. -0.007 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

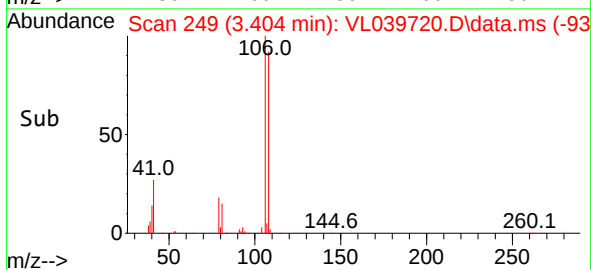
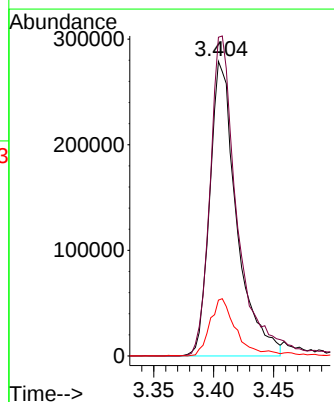
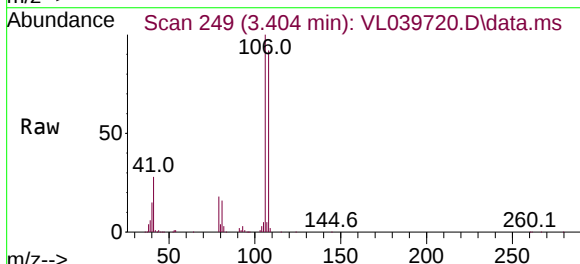
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABS01

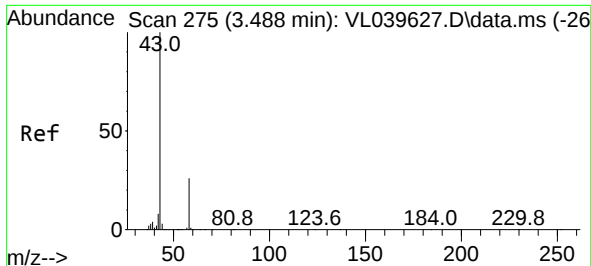
Tgt Ion: 45 Resp: 16546
 Ion Ratio Lower Upper
 45 100
 46 90.1 22.8 91.2



#14
 Bromoethene
 Concen: 9.365 ppbv
 RT: 3.404 min Scan# 249
 Delta R.T. 0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion:108 Resp: 434162
 Ion Ratio Lower Upper
 108 100
 106 112.6 87.1 130.7
 79 19.9 14.6 22.0

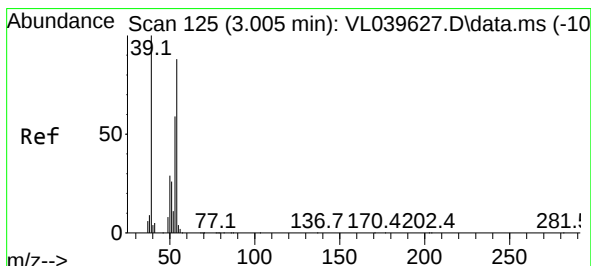
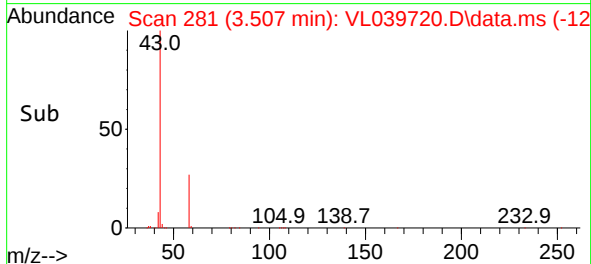
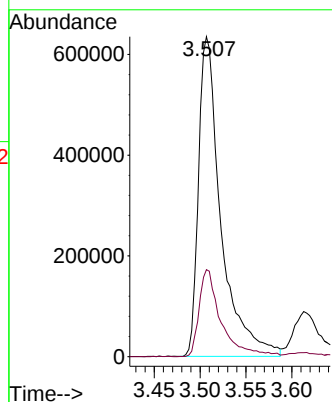
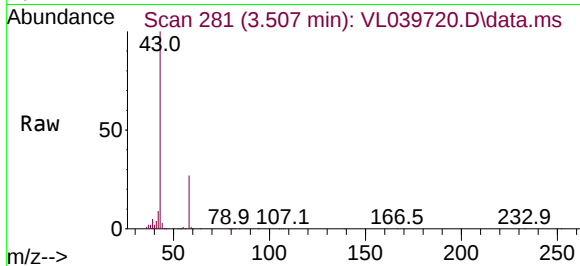




#15
Acetone
Concen: 9.060 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

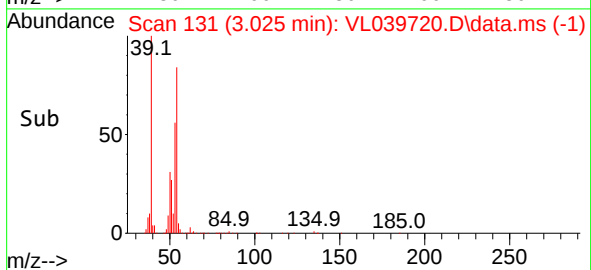
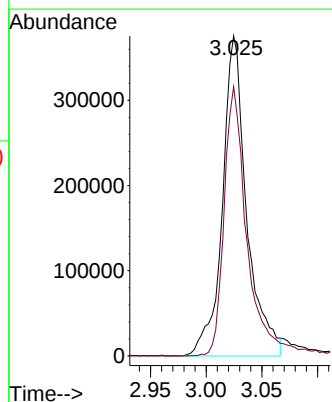
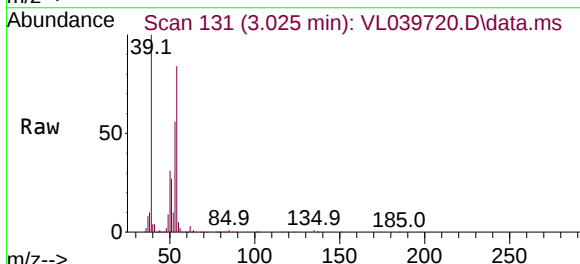
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

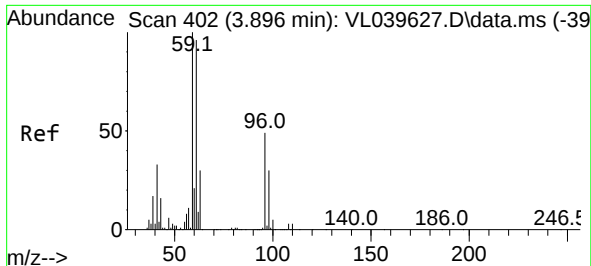
Tgt Ion: 43 Resp: 1079688
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6



#16
1,3-Butadiene
Concen: 9.420 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 39 Resp: 569436
Ion Ratio Lower Upper
39 100
54 81.5 63.7 95.5





#17

tert-Butyl alcohol

Concen: 8.729 ppbv

RT: 3.915 min Scan# 410

Delta R.T. -0.000 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

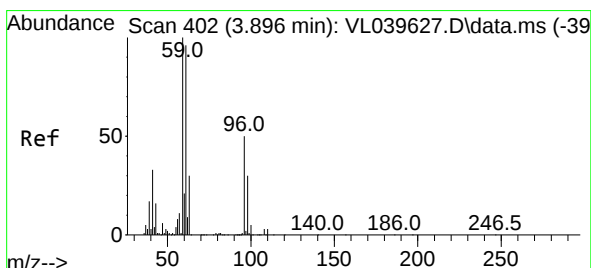
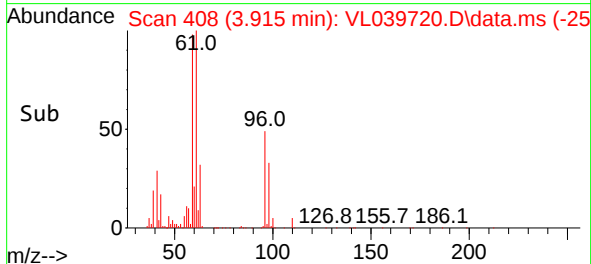
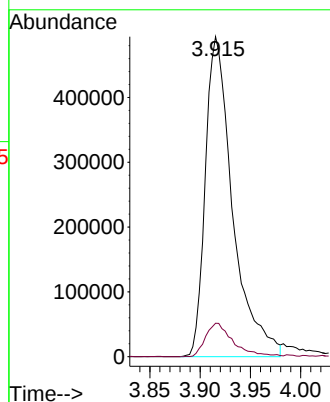
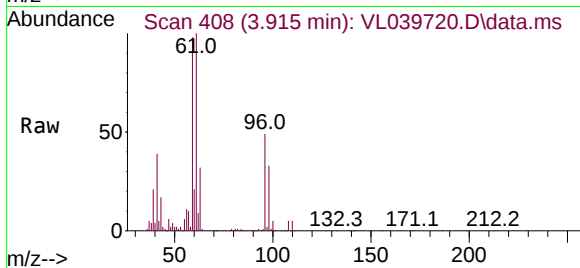
VL1017ABS01

Tgt Ion: 59 Resp: 933553

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.343 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

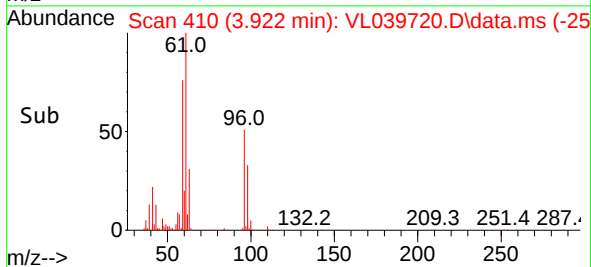
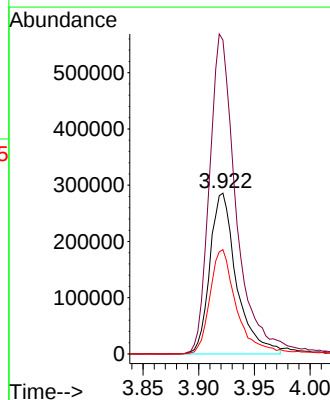
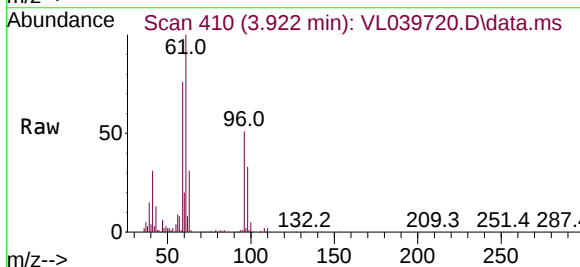
Tgt Ion: 96 Resp: 477381

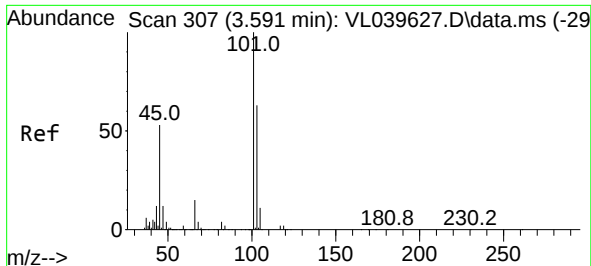
Ion Ratio Lower Upper

96 100

61 195.1 152.2 228.4

98 64.9 51.8 77.6

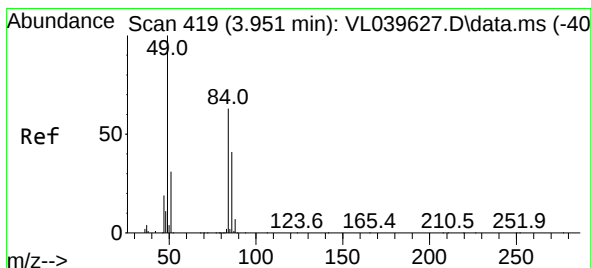
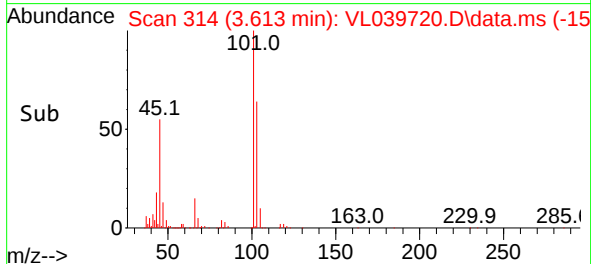
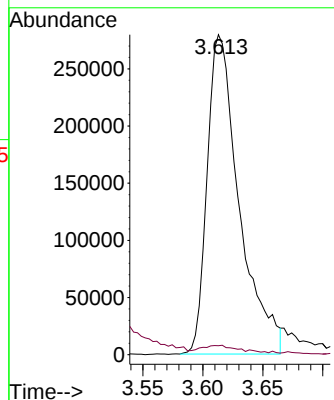
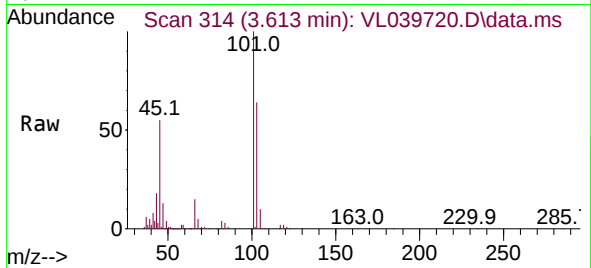




#19
Isopropyl Alcohol
Concen: 8.557 ppbv
RT: 3.613 min Scan# 314
Delta R.T. -0.000 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

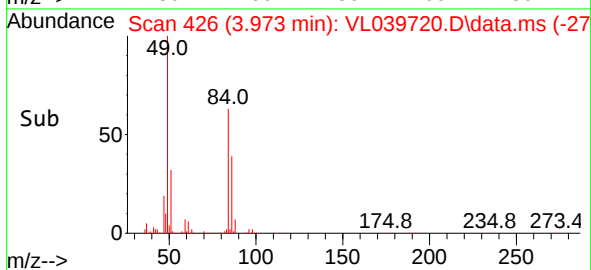
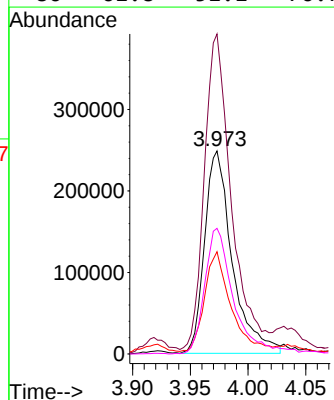
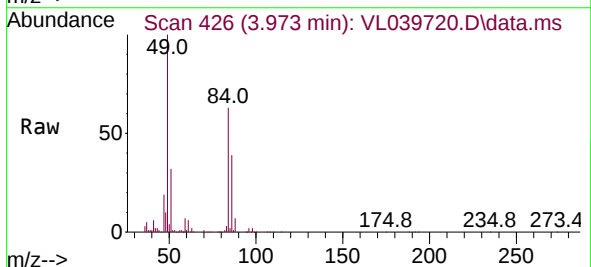
Instrument :
MSVOA_1
ClientSampleId :
VL1017ABS01

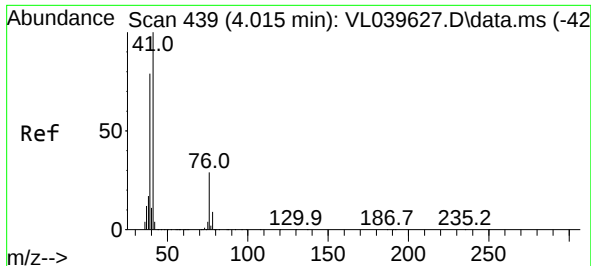
Tgt Ion: 45 Resp: 519797
Ion Ratio Lower Upper
45 100
58 4.4 3.2 4.8



#20
Methylene Chloride
Concen: 7.524 ppbv
RT: 3.973 min Scan# 426
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 84 Resp: 414539
Ion Ratio Lower Upper
84 100
49 155.9 123.1 184.7
51 49.2 34.4 51.6
86 61.8 51.1 76.7





#21

Allyl Chloride

Concen: 9.426 ppbv

RT: 4.037 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

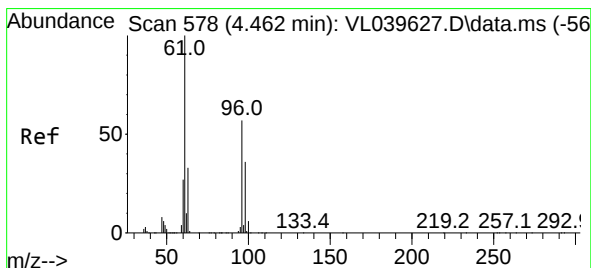
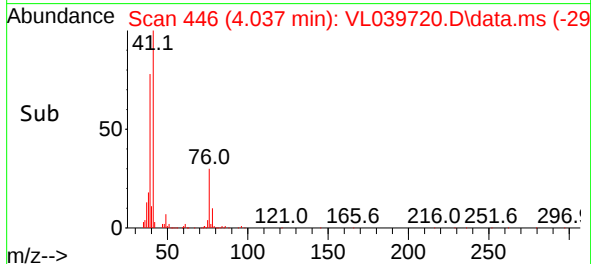
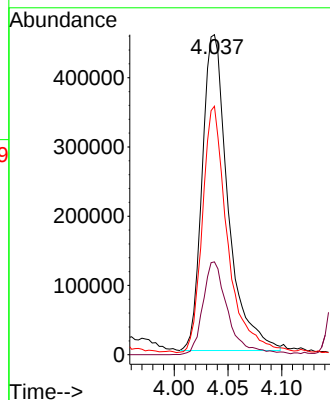
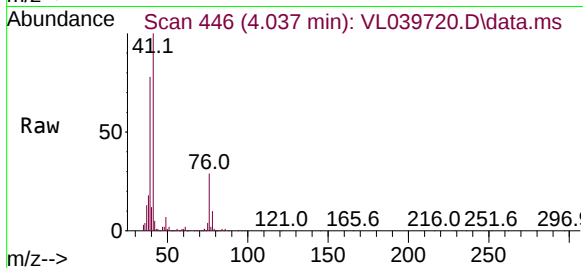
MSVOA_1

ClientSampleId :

VL1017ABS01

Tgt Ion: 41 Resp: 764847

Ion	Ratio	Lower	Upper
41	100		
76	28.9	24.4	36.6
39	77.2	63.5	95.3



#22

trans-1,2-Dichloroethene

Concen: 9.876 ppbv

RT: 4.484 min Scan# 585

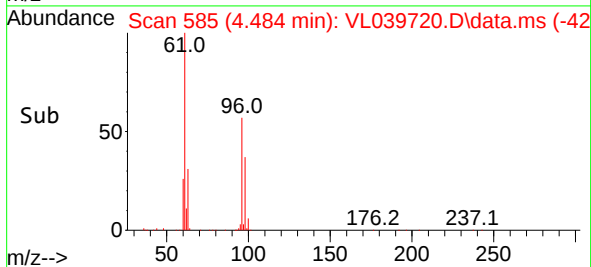
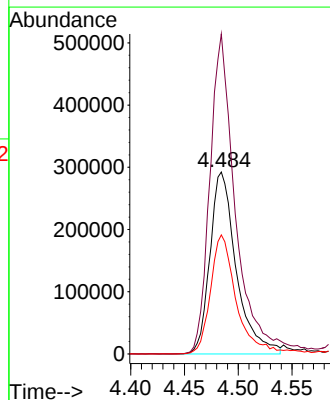
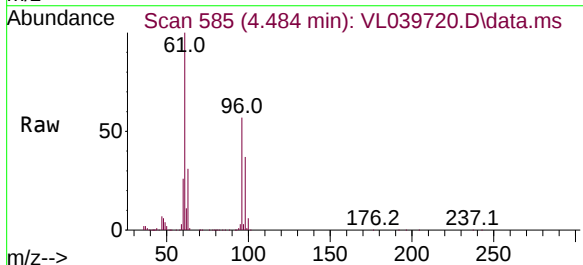
Delta R.T. 0.003 min

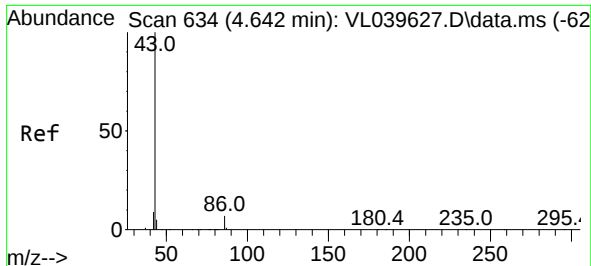
Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Tgt Ion: 96 Resp: 499214

Ion	Ratio	Lower	Upper
96	100		
61	175.7	130.6	195.8
98	65.4	53.4	80.0



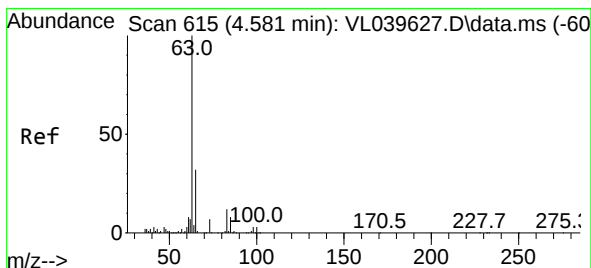
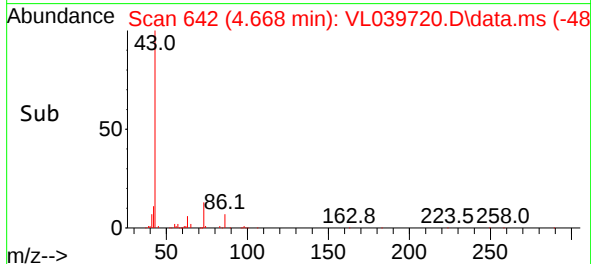
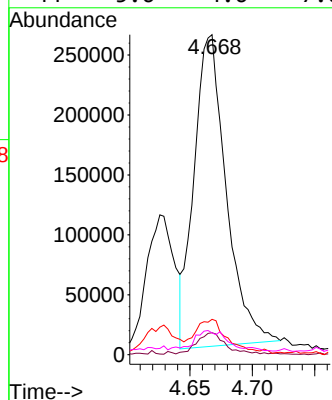
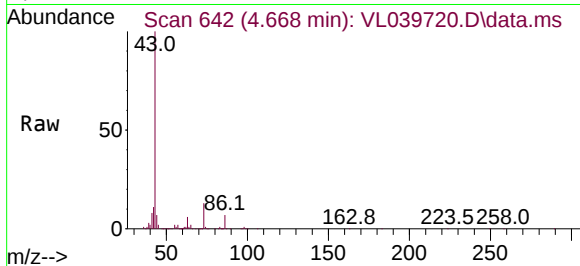


#23
 Vinyl Acetate
 Concen: 8.654 ppbv
 RT: 4.668 min Scan# 642
 Delta R.T. 0.006 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1017ABS01

Tgt Ion: 43 Resp: 466203

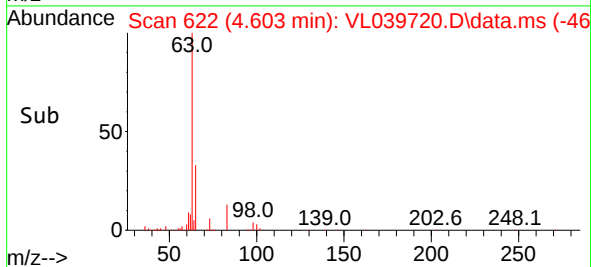
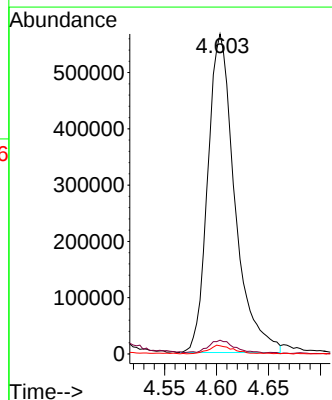
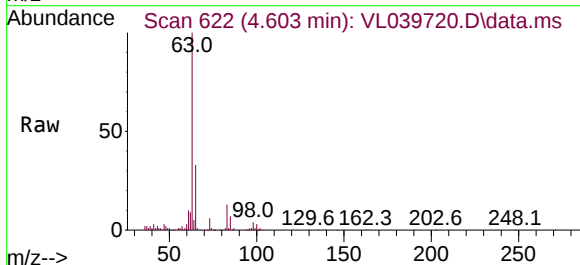
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.0	7.6
42	10.8	7.7	11.5
44	5.6	4.6	7.0

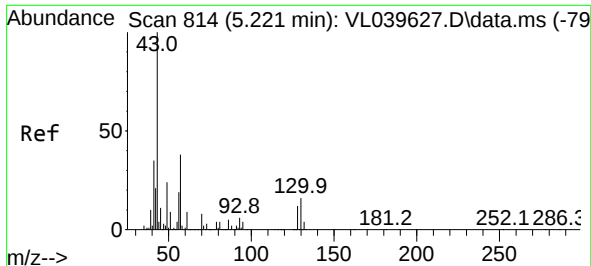


#24
 1,1-Dichloroethane
 Concen: 9.538 ppbv
 RT: 4.603 min Scan# 622
 Delta R.T. 0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 63 Resp: 1023199

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.8	5.3
100	2.5	1.5	4.4



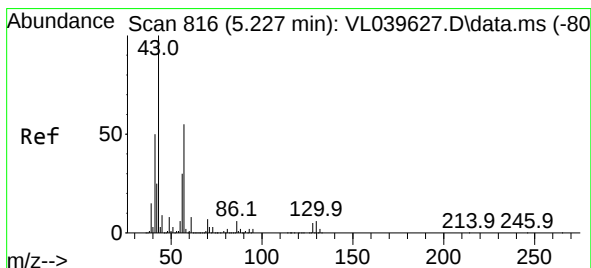
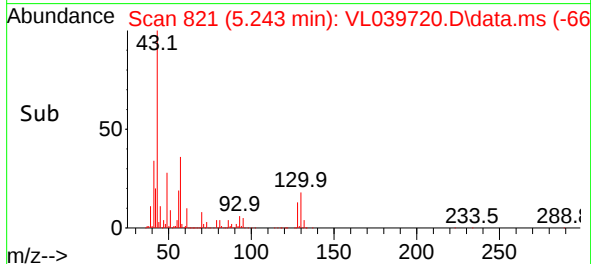
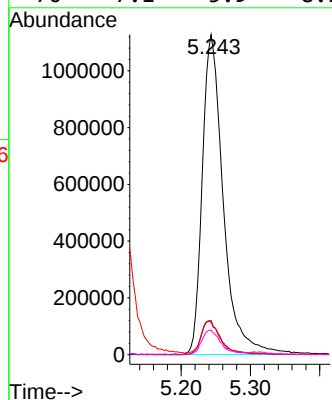
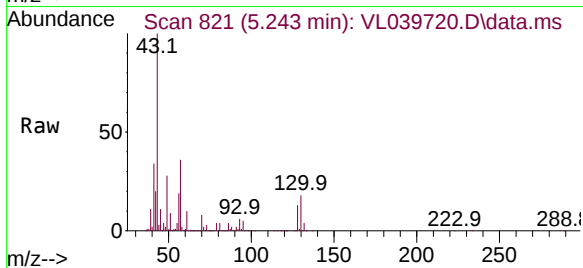


#25
Ethyl Acetate
Concen: 9.084 ppbv
RT: 5.243 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

Tgt Ion: 43 Resp: 2360456

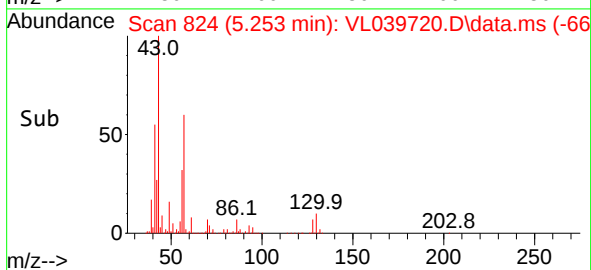
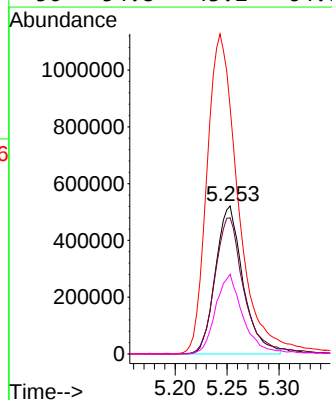
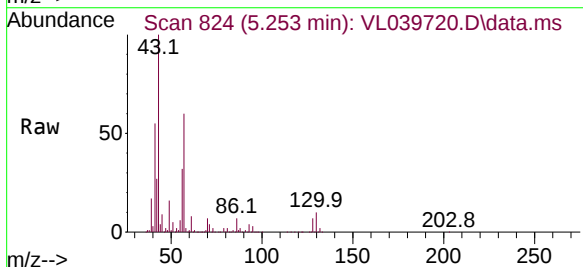
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.1	8.3	12.5
70	7.1	5.9	8.9

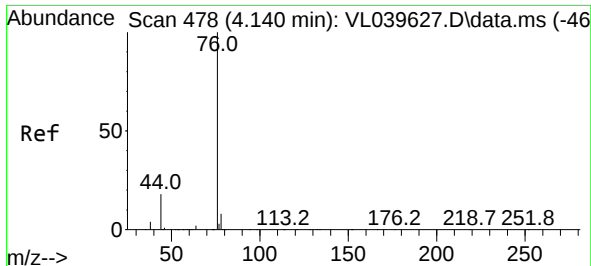


#26
Hexane
Concen: 8.680 ppbv
RT: 5.253 min Scan# 824
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 57 Resp: 957130

Ion	Ratio	Lower	Upper
57	100		
41	99.6	76.9	115.3
43	249.7	191.0	286.6
56	54.8	43.2	64.8

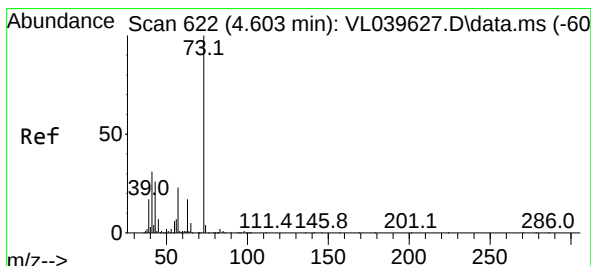
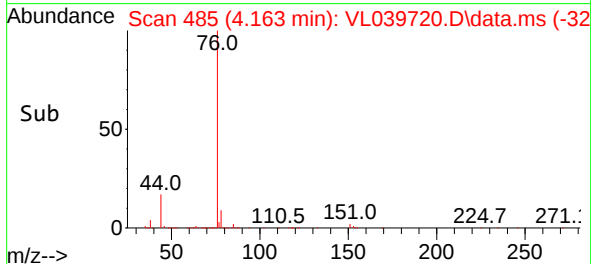
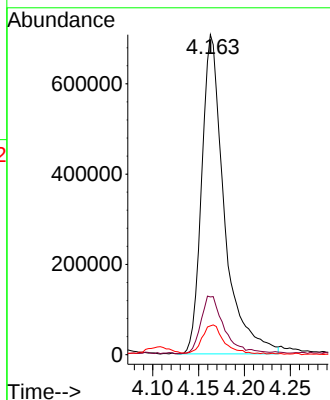
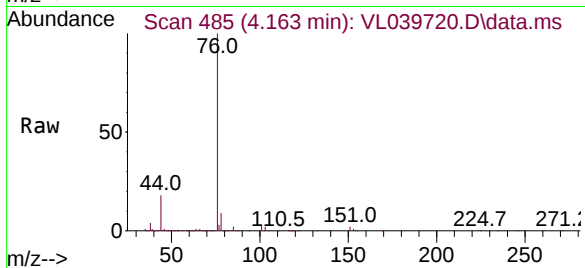




#27
Carbon Disulfide
Concen: 10.455 ppbv
RT: 4.163 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

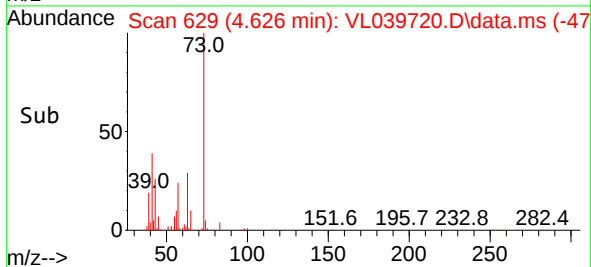
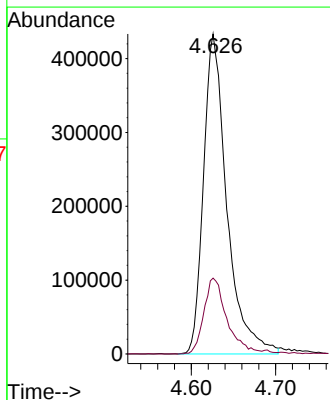
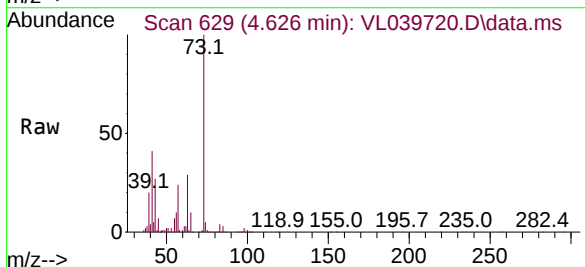
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

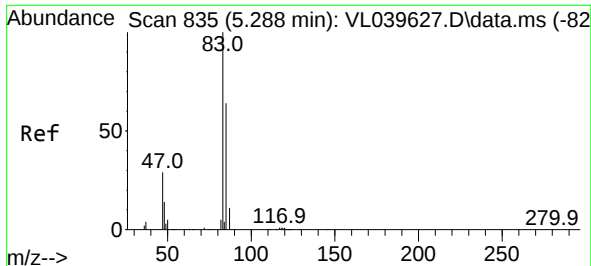
Tgt Ion: 76 Resp: 1211617
Ion Ratio Lower Upper
76 100
44 18.9 14.6 21.8
78 10.1 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.027 ppbv
RT: 4.626 min Scan# 629
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 73 Resp: 836280
Ion Ratio Lower Upper
73 100
57 24.2 19.8 29.8

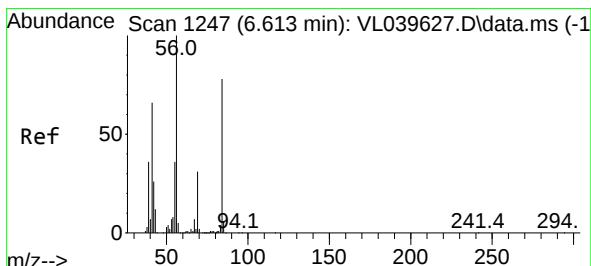
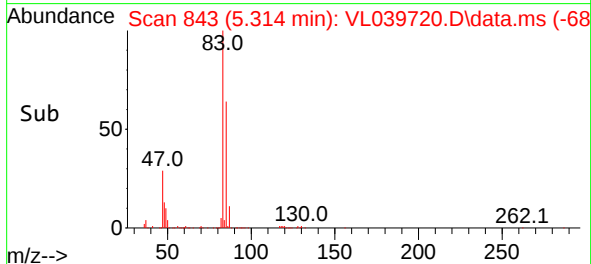
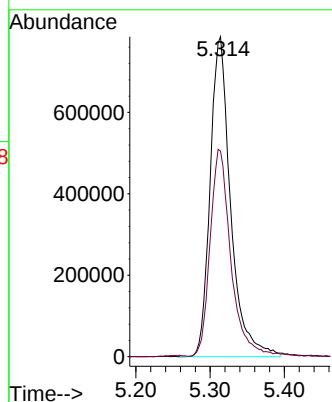
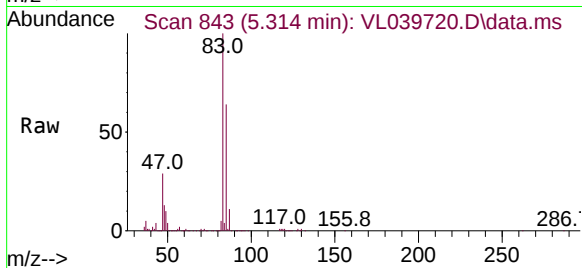




#29
Chloroform
Concen: 9.430 ppbv
RT: 5.314 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

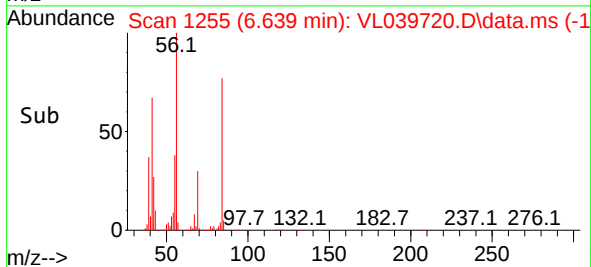
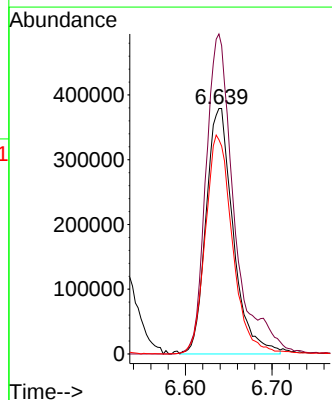
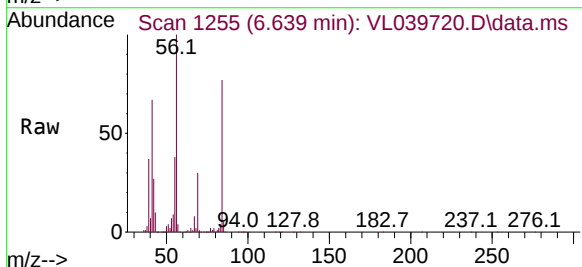
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

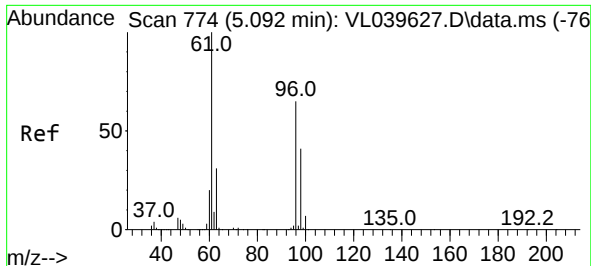
Tgt Ion: 83 Resp: 1501161
Ion Ratio Lower Upper
83 100
85 63.8 52.8 79.2



#30
Cyclohexane
Concen: 9.669 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 84 Resp: 825648
Ion Ratio Lower Upper
84 100
56 136.4 107.7 161.5
41 89.7 67.7 101.5

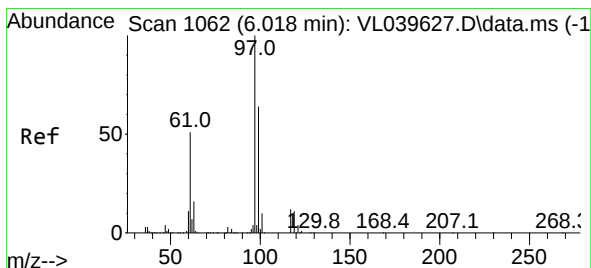
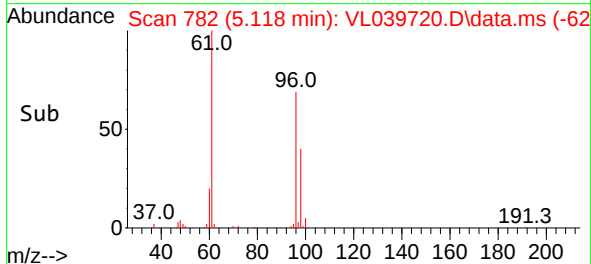
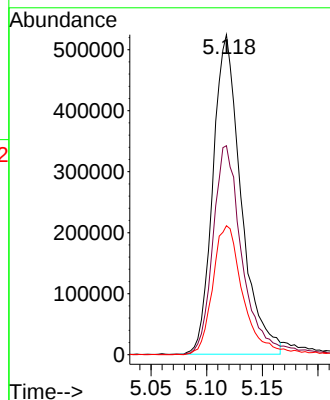
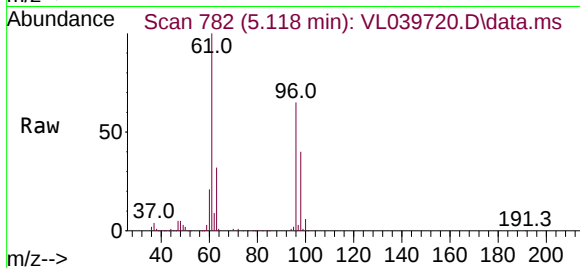




#31
 cis-1,2-Dichloroethene
 Concen: 9.245 ppbv
 RT: 5.118 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

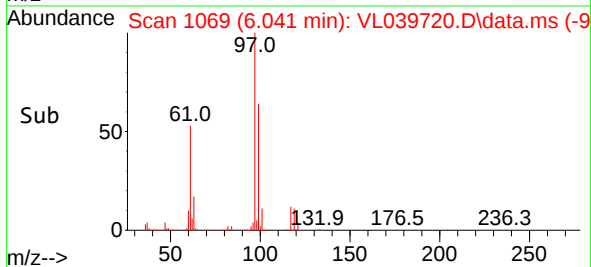
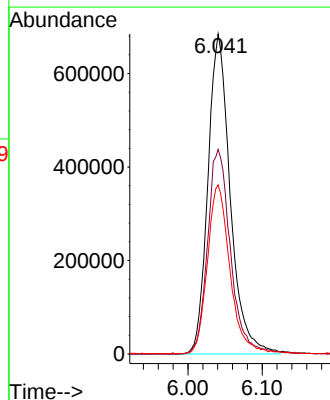
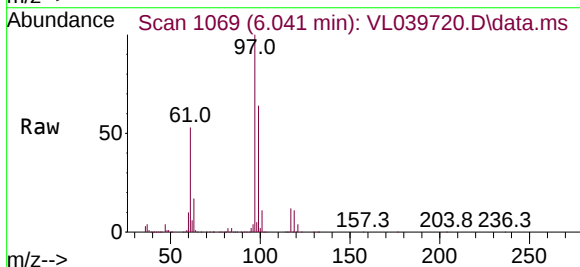
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABS01

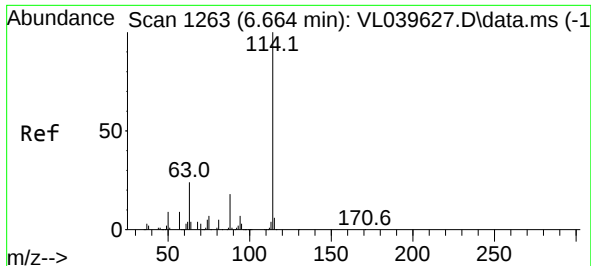
Tgt Ion: 61 Resp: 922024
 Ion Ratio Lower Upper
 61 100
 96 65.3 54.1 81.1
 98 40.3 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 9.930 ppbv
 RT: 6.041 min Scan# 1069
 Delta R.T. 0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 97 Resp: 1431113
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.3 78.5
 61 53.7 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.690 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL1017ABS01

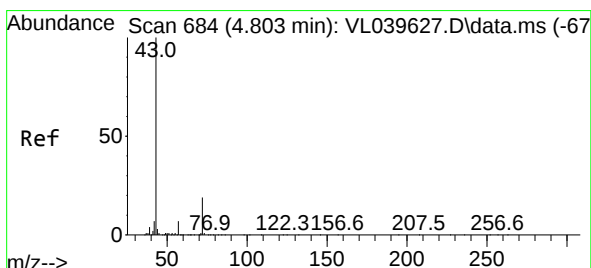
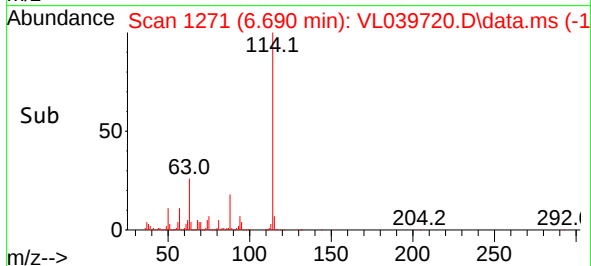
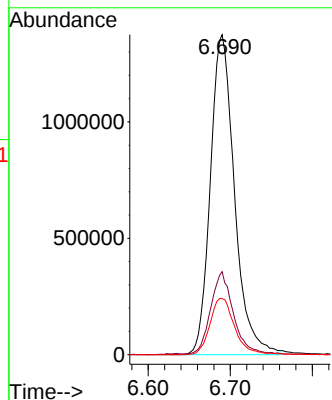
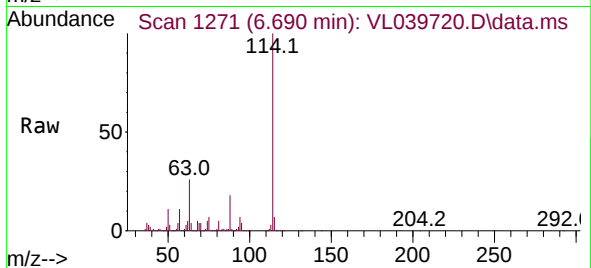
Tgt Ion:114 Resp: 2807817

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.4

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 8.528 ppbv

RT: 4.825 min Scan# 691

Delta R.T. 0.003 min

Lab File: VL039720.D

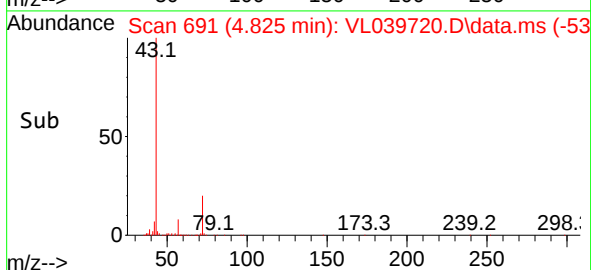
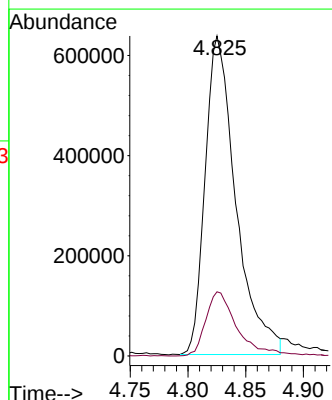
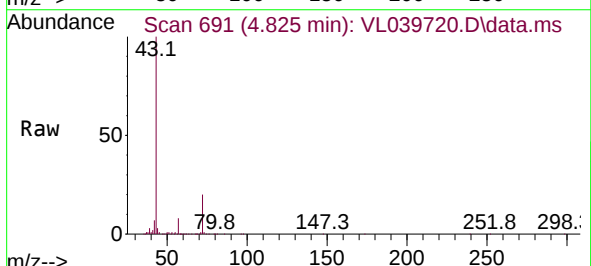
Acq: 17 Oct 2022 15:27

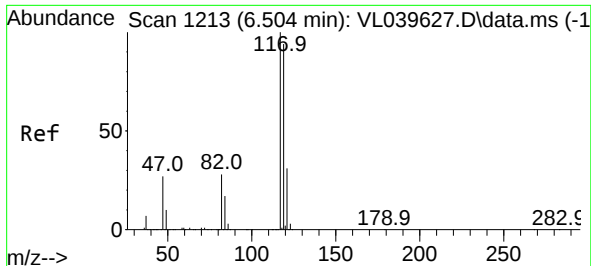
Tgt Ion: 43 Resp: 1176202

Ion Ratio Lower Upper

43 100

72 21.4 17.9 26.9

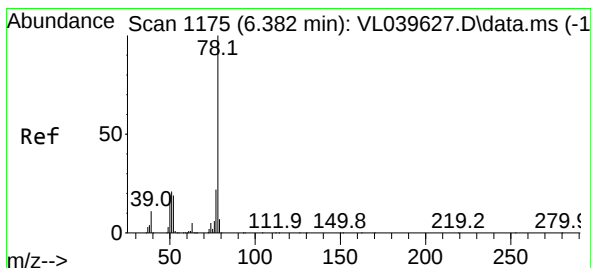
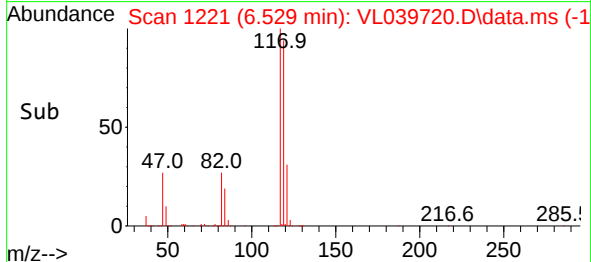
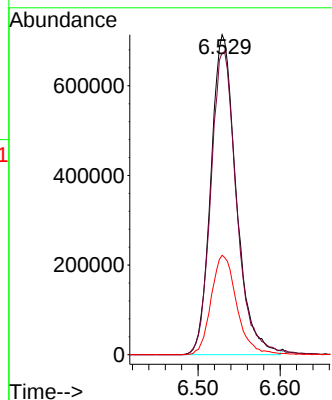
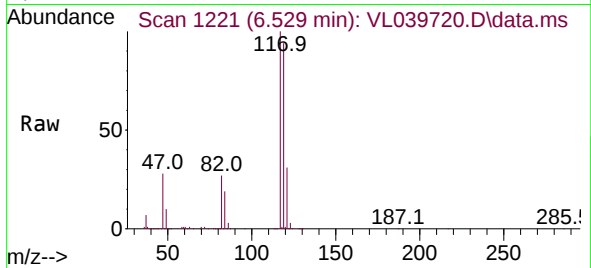




#35
Carbon Tetrachloride
Concen: 10.280 ppbv
RT: 6.529 min Scan# 1183
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

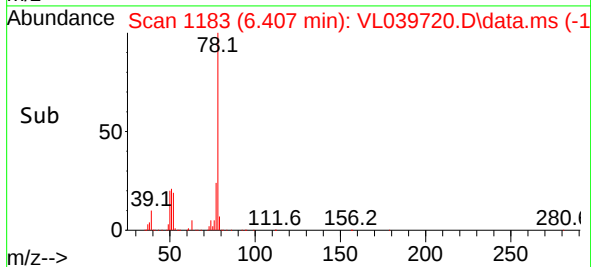
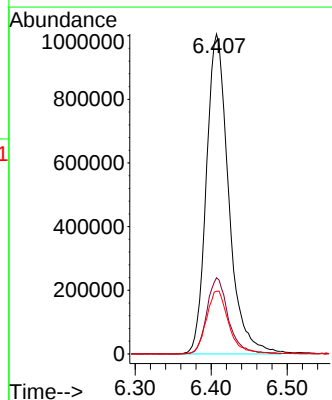
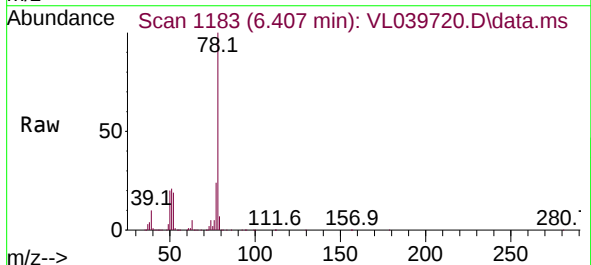
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

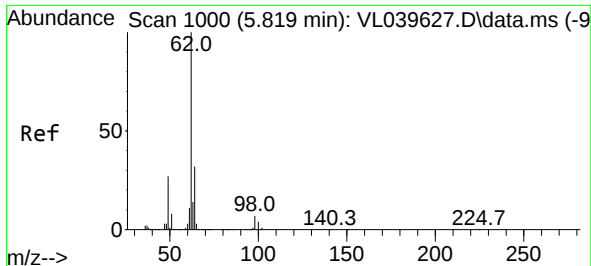
Tgt Ion:117 Resp: 1532360
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
121 31.1 24.2 36.2



#36
Benzene
Concen: 9.522 ppbv
RT: 6.407 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 78 Resp: 2044064
Ion Ratio Lower Upper
78 100
77 23.8 20.3 30.5
50 19.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.527 ppbv

RT: 5.844 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_1

ClientSampleId :

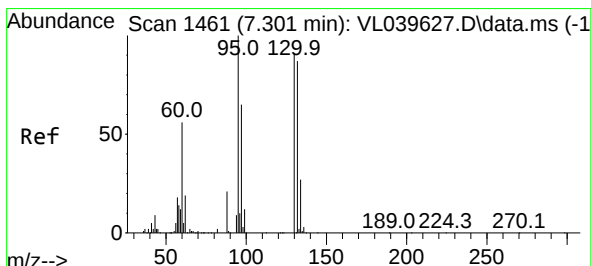
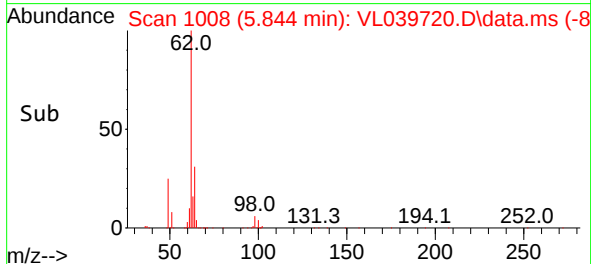
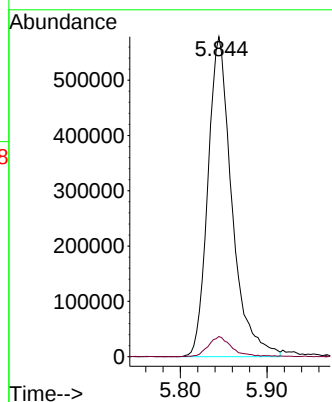
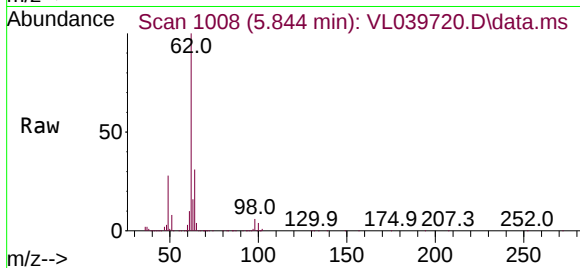
VL1017ABS01

Tgt Ion: 62 Resp: 1113150

Ion Ratio Lower Upper

62 100

98 6.4 5.1 7.7



#38

Trichloroethene

Concen: 10.211 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.003 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Tgt Ion:130 Resp: 1184609

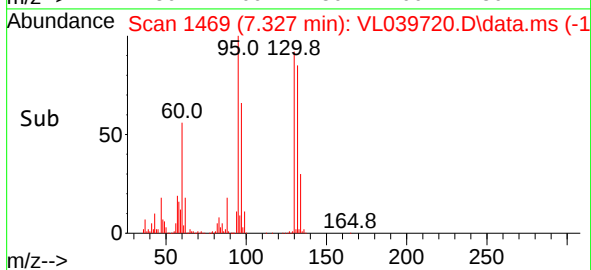
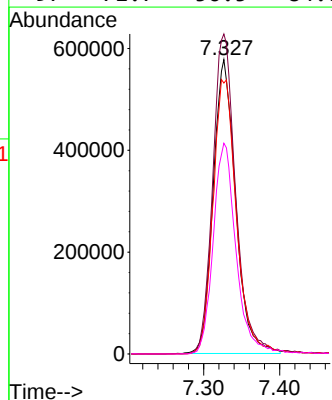
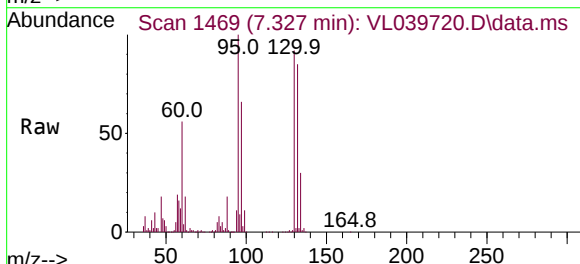
Ion Ratio Lower Upper

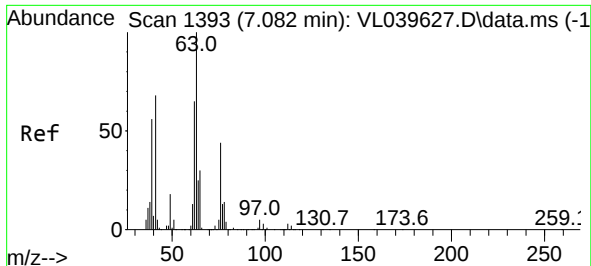
130 100

95 108.9 87.3 130.9

132 92.1 76.7 115.1

97 71.7 56.5 84.7





#39

1,2-Dichloropropane

Concen: 9.153 ppbv

RT: 7.111 min Scan# 1402

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL1017ABS01

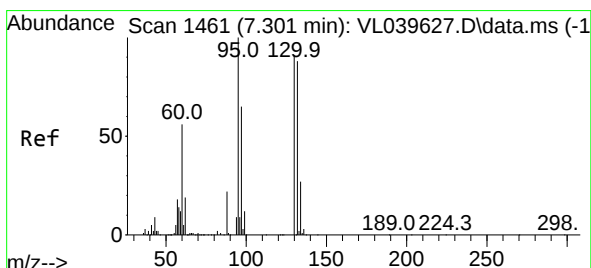
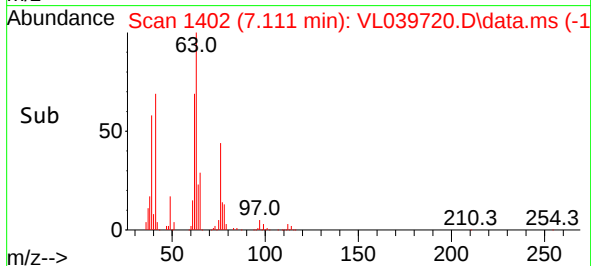
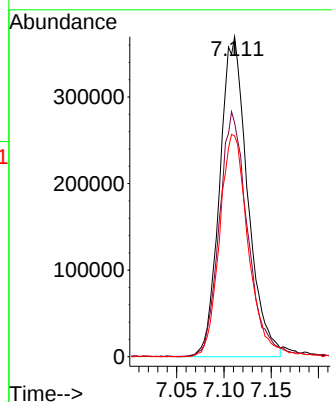
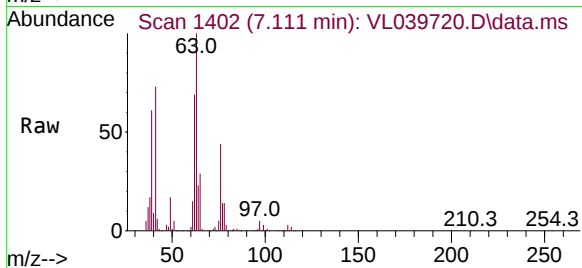
Tgt Ion: 63 Resp: 758721

Ion Ratio Lower Upper

63 100

41 73.0 59.6 89.4

62 69.0 51.4 77.0



#40

1,4-Dioxane

Concen: 4.394 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Tgt Ion: 88 Resp: 148732

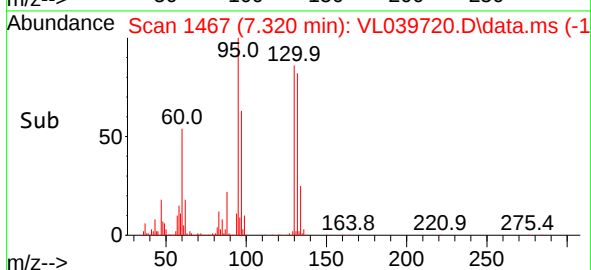
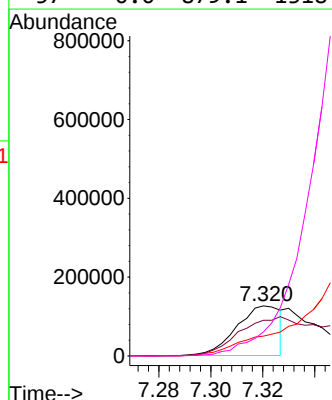
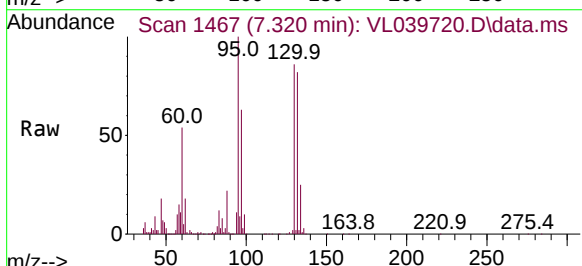
Ion Ratio Lower Upper

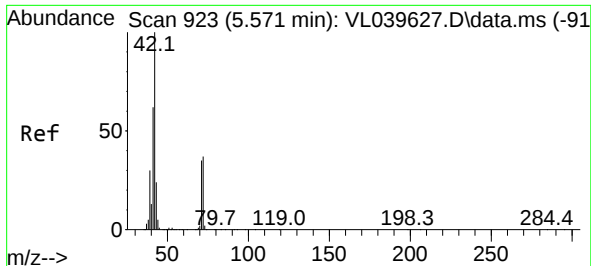
88 100

58 0.0 100.2 150.4#

43 0.0 205.8 308.6#

57 0.0 879.1 1318.7#





#41

Tetrahydrofuran

Concen: 9.795 ppbv

RT: 5.597 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL1017ABS01

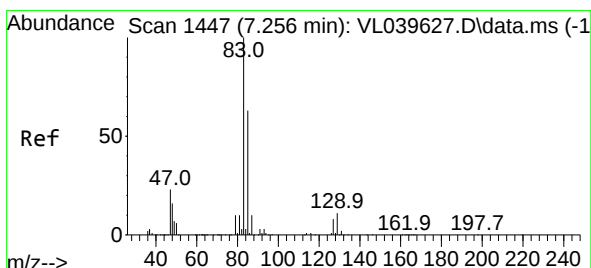
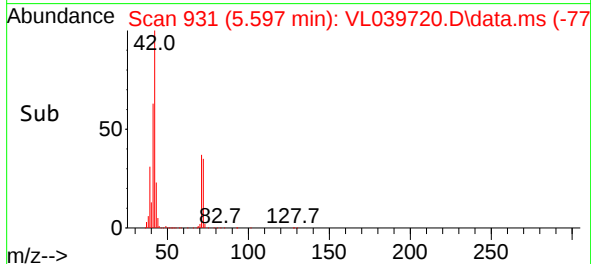
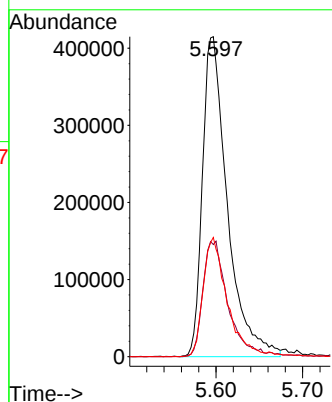
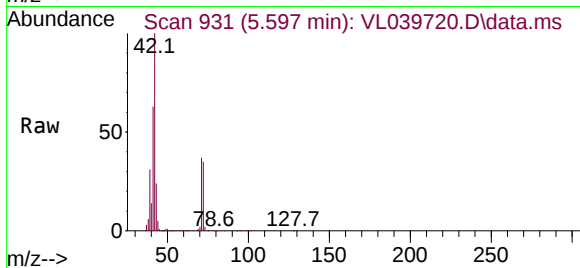
Tgt Ion: 42 Resp: 828719

Ion Ratio Lower Upper

42 100

72 37.1 31.8 47.8

71 36.7 31.8 47.8



#42

Bromodichloromethane

Concen: 9.723 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

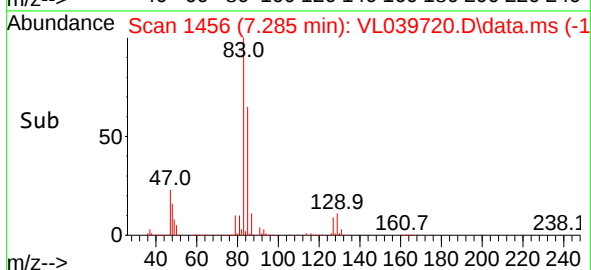
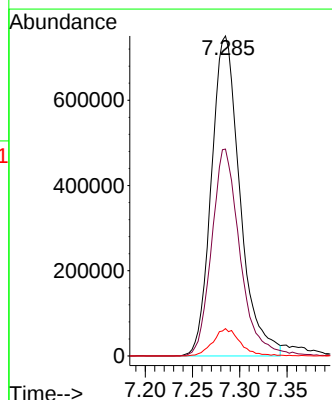
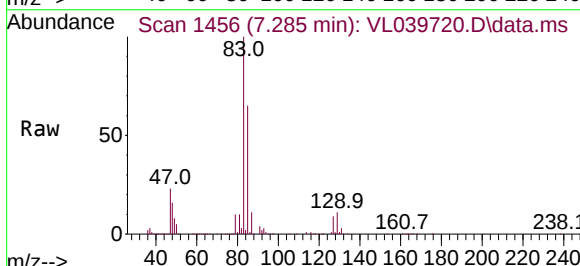
Tgt Ion: 83 Resp: 1580026

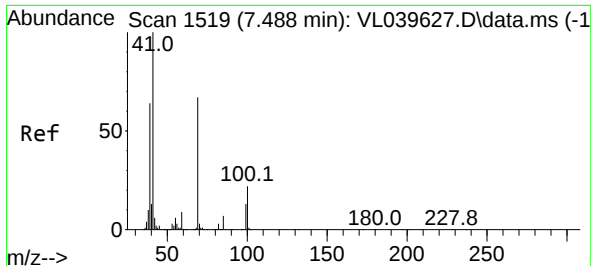
Ion Ratio Lower Upper

83 100

85 64.6 50.7 76.1

127 8.5 6.6 9.8

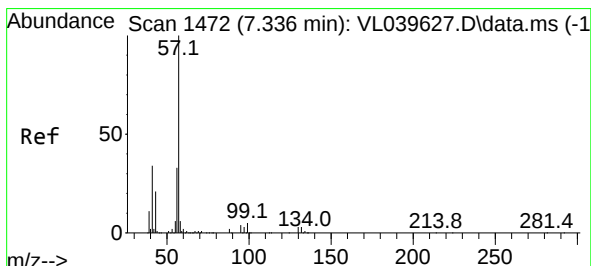
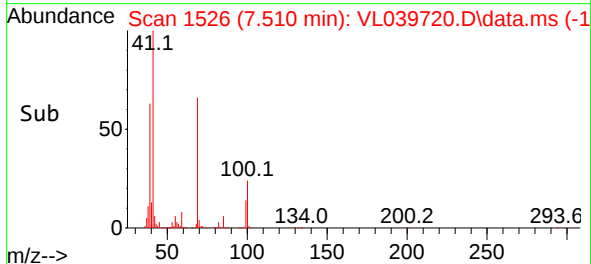
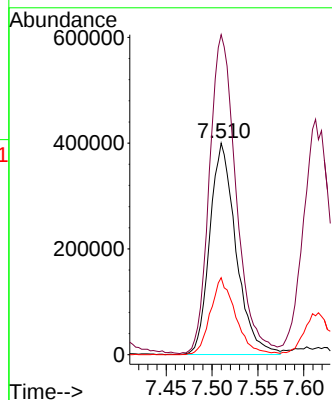
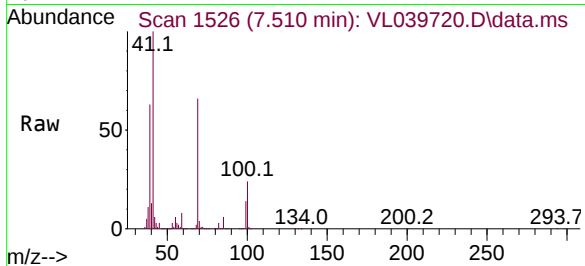




#43
Methyl Methacrylate
Concen: 10.174 ppbv
RT: 7.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

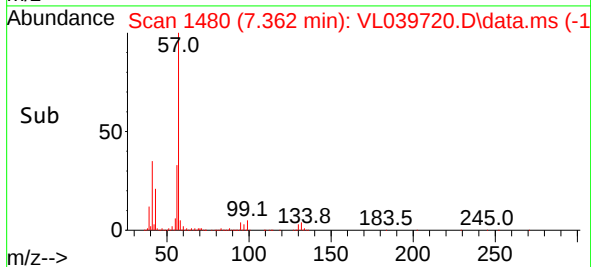
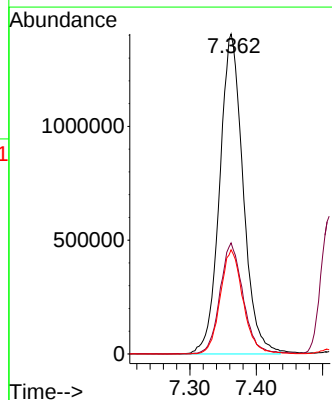
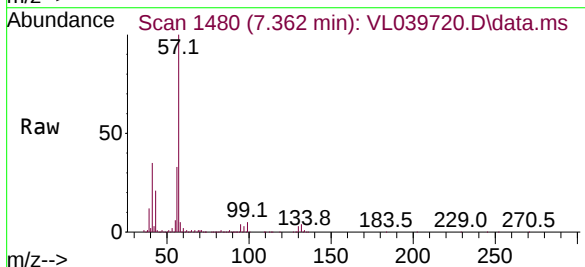
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

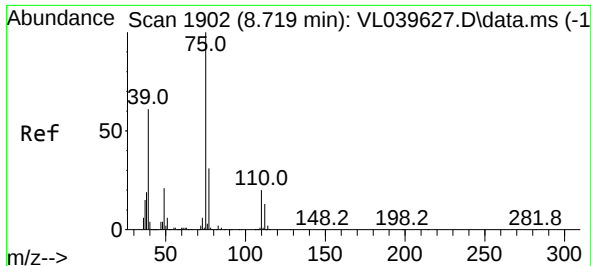
Tgt Ion: 69 Resp: 796154
Ion Ratio Lower Upper
69 100
41 153.5 120.8 181.2
100 35.1 27.8 41.6



#44
2,2,4-Trimethylpentane
Concen: 9.335 ppbv
RT: 7.362 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 57 Resp: 3453985
Ion Ratio Lower Upper
57 100
41 34.3 27.4 41.2
56 31.7 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 11.098 ppbv

RT: 8.745 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

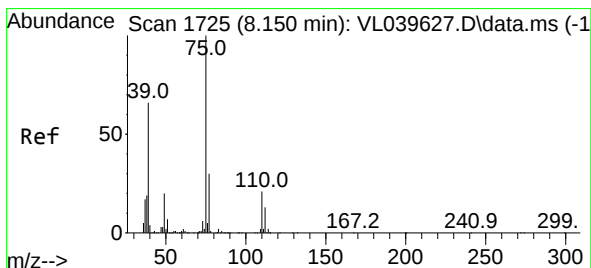
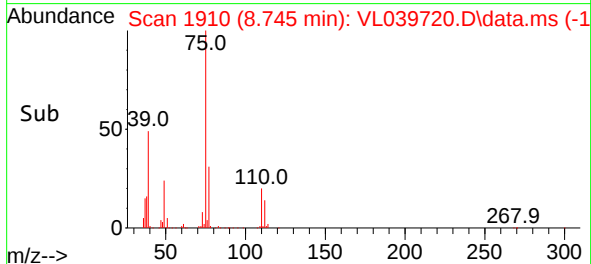
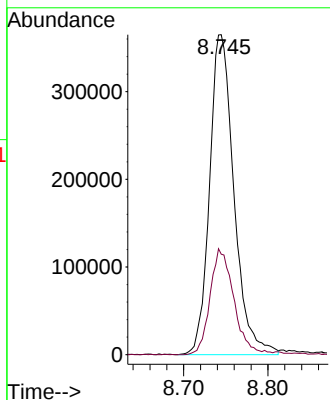
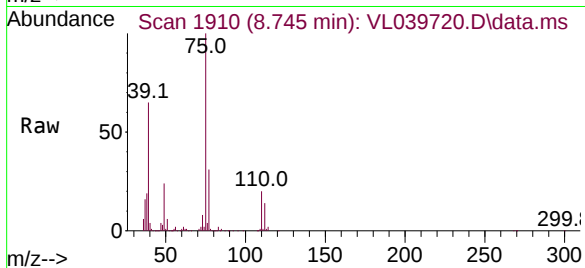
VL1017ABS01

Tgt Ion: 75 Resp: 733890

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 10.809 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

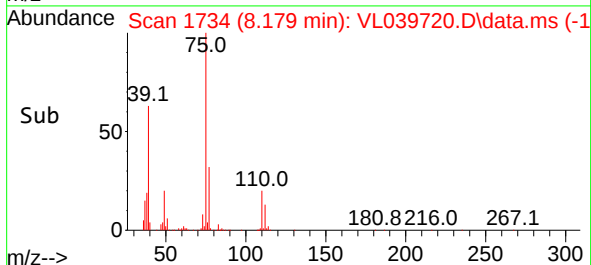
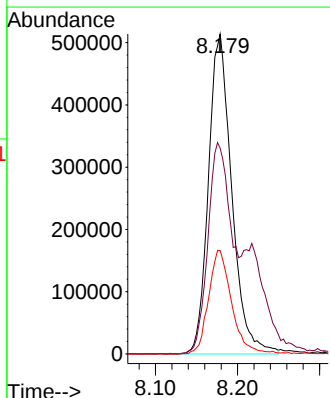
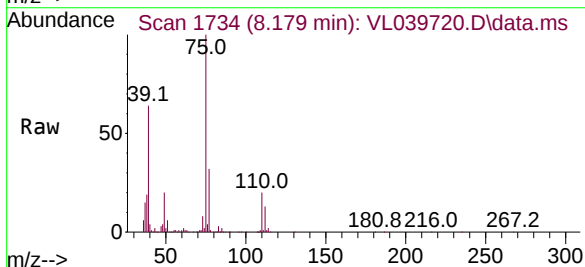
Tgt Ion: 75 Resp: 1017545

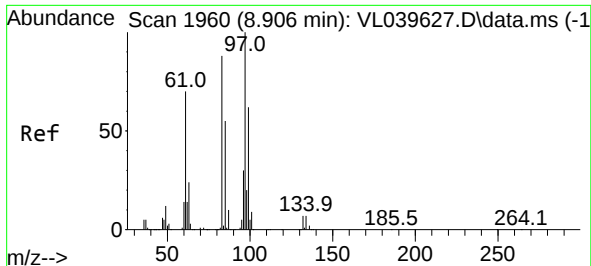
Ion Ratio Lower Upper

75 100

39 64.2 55.0 82.4

77 32.4 25.7 38.5



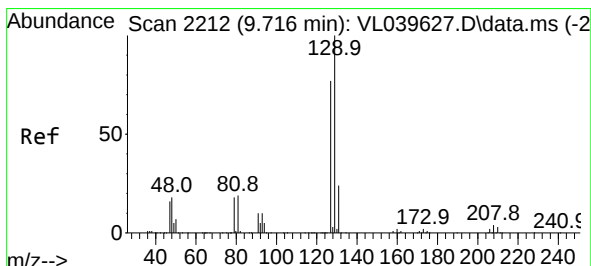
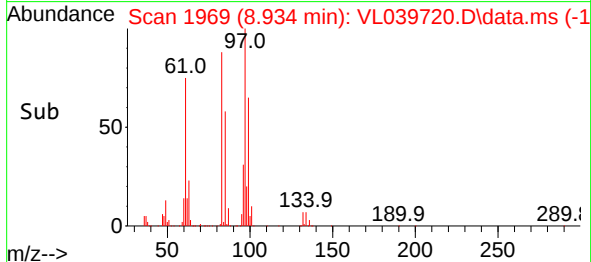
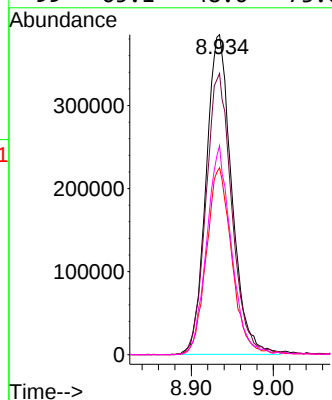
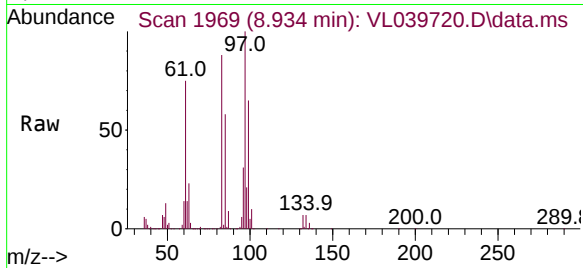


#47
1,1,2-Trichloroethane
Concen: 9.224 ppbv
RT: 8.934 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

Tgt Ion: 97 Resp: 835747

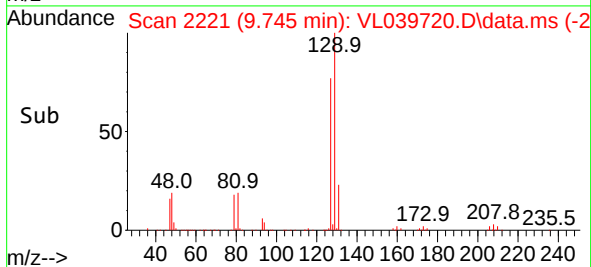
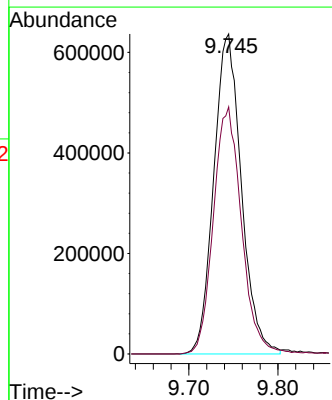
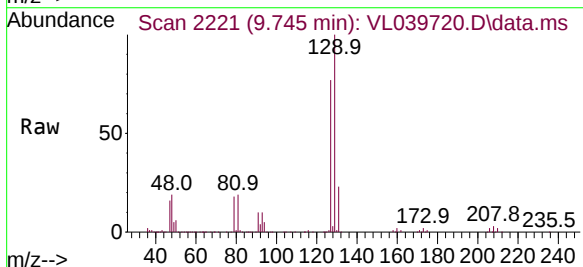
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.4	101.0
85	58.3	45.1	67.7
99	65.1	48.6	73.0

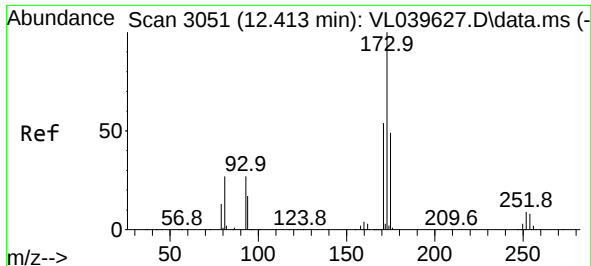


#48
Dibromochloromethane
Concen: 10.047 ppbv
RT: 9.745 min Scan# 2221
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 129 Resp: 1370818

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.3	117.9

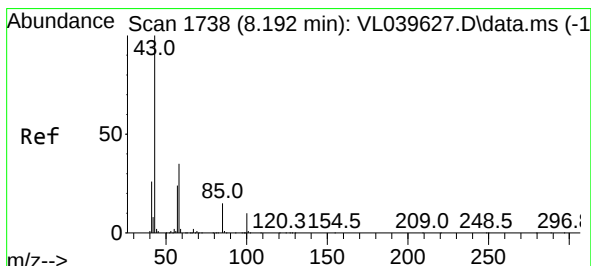
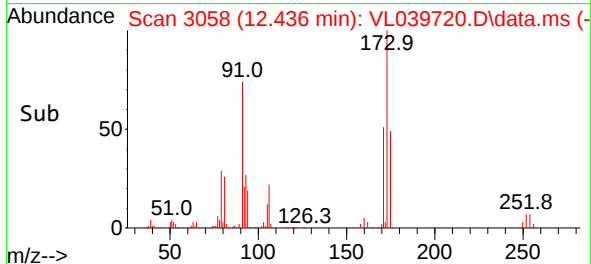
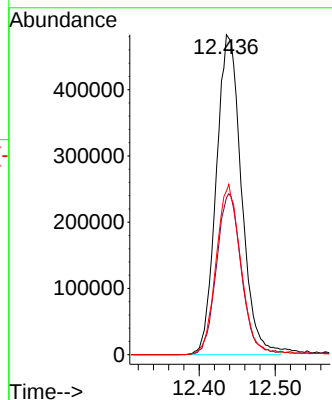
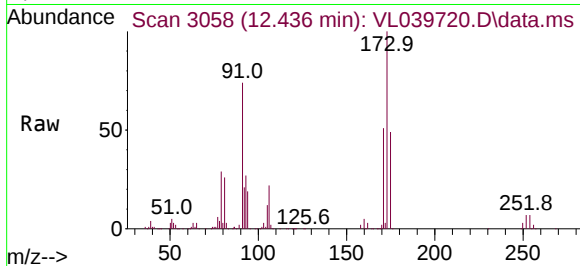




#49
Bromoform
Concen: 9.847 ppbv
RT: 12.436 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

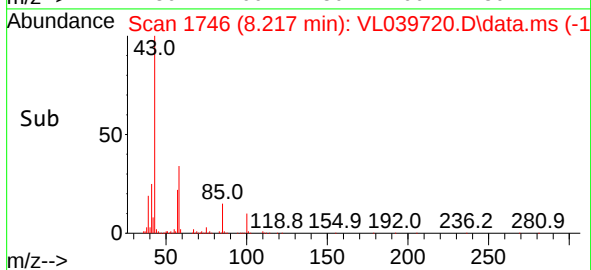
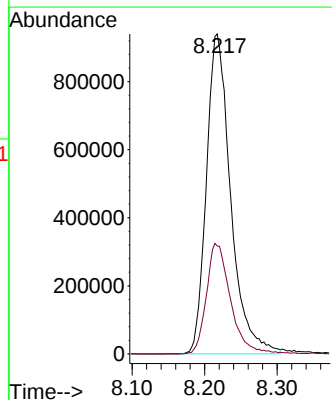
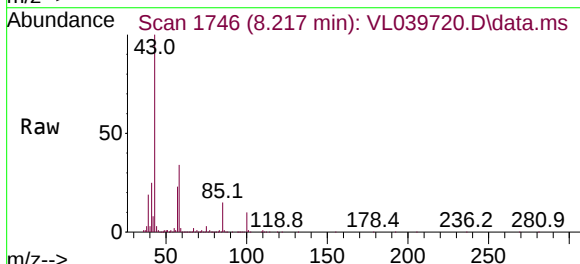
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

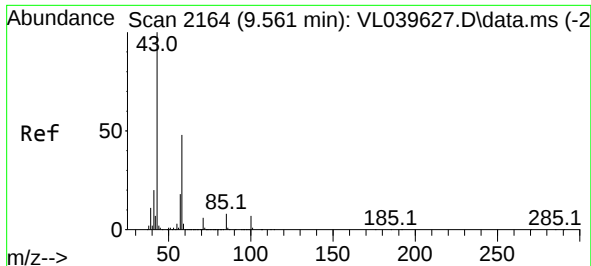
Tgt Ion:173 Resp: 1111173
Ion Ratio Lower Upper
173 100
175 50.2 40.3 60.5
171 52.7 42.9 64.3



#50
4-Methyl-2-Pentanone
Concen: 10.073 ppbv
RT: 8.217 min Scan# 1746
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 43 Resp: 2182961
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2

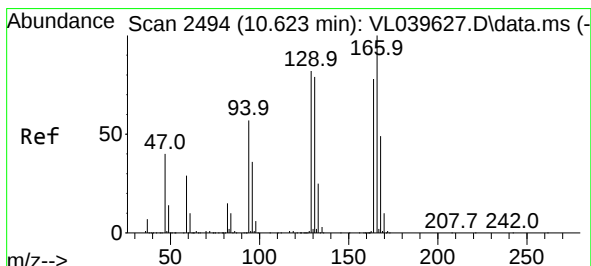
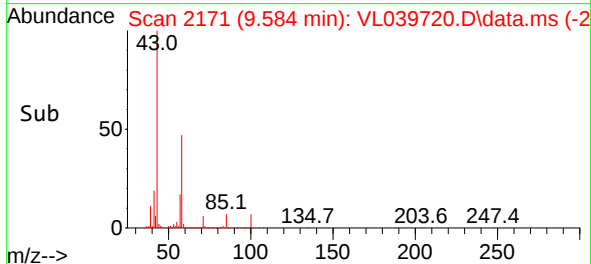
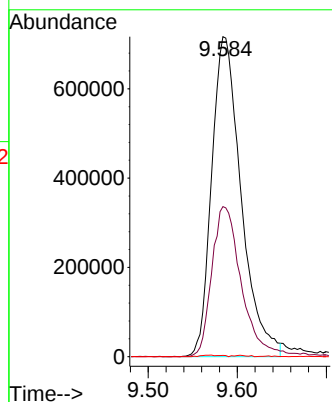
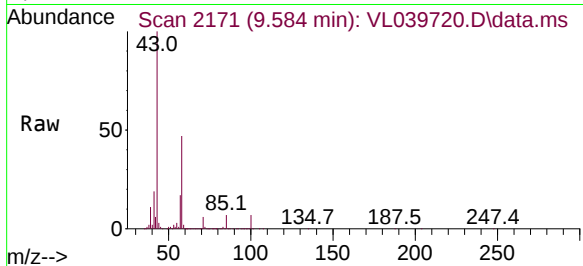




#51
2-Hexanone
Concen: 10.264 ppbv
RT: 9.584 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

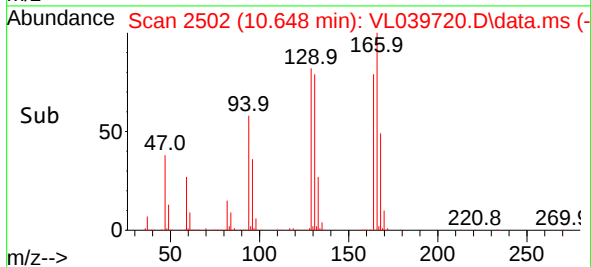
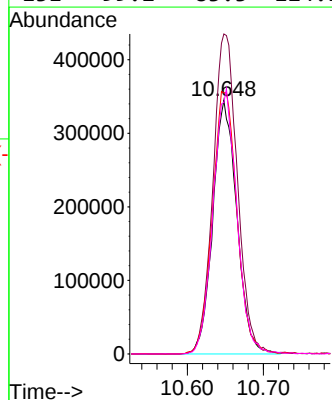
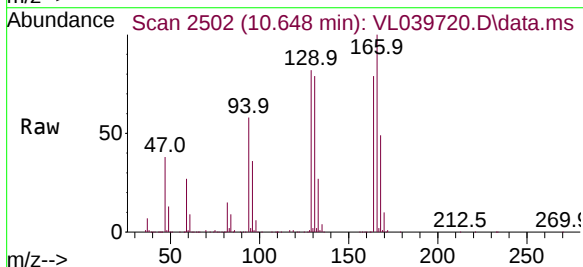
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

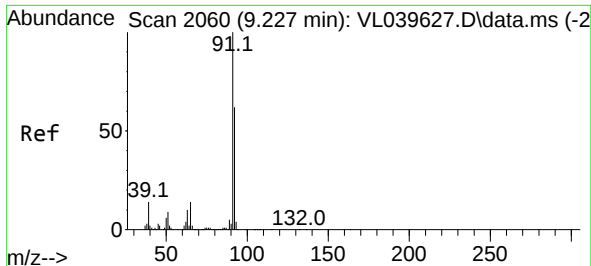
Tgt Ion: 43 Resp: 1646574
Ion Ratio Lower Upper
43 100
58 48.1 38.4 57.6
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.200 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion:164 Resp: 753463
Ion Ratio Lower Upper
164 100
166 126.2 102.2 153.2
129 102.9 85.8 128.8
131 99.2 83.3 124.9

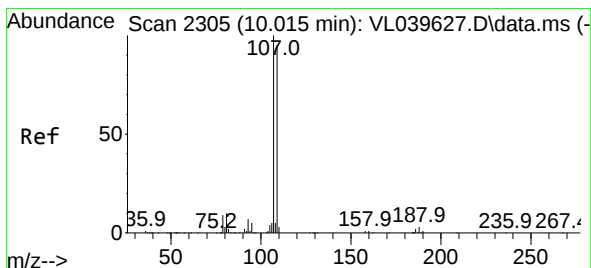
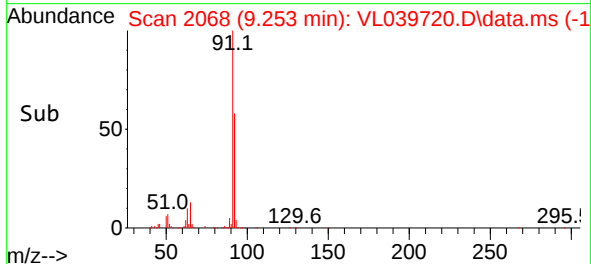
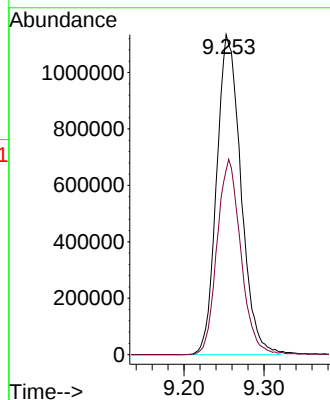
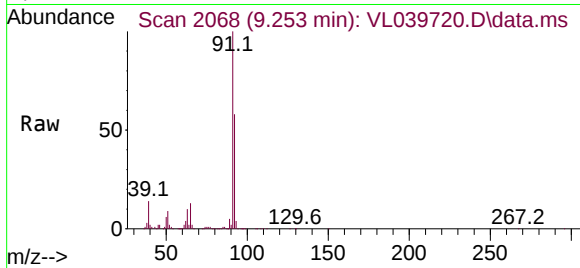




#53
Toluene
Concen: 10.004 ppbv
RT: 9.253 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

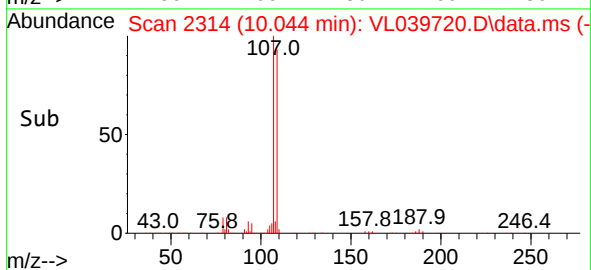
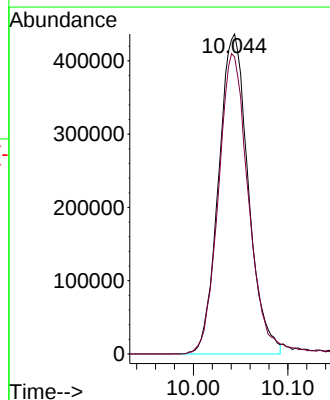
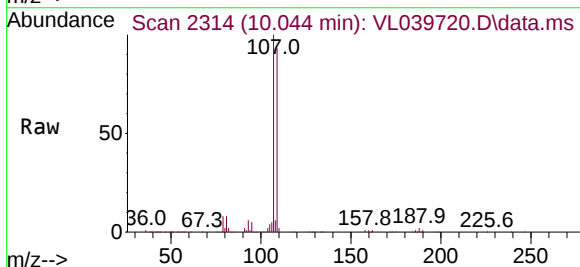
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

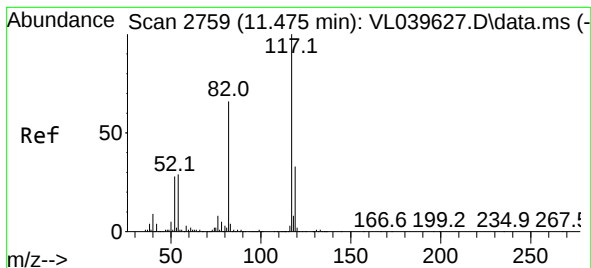
Tgt Ion: 91 Resp: 2388409
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2



#54
1,2-Dibromoethane
Concen: 9.830 ppbv
RT: 10.044 min Scan# 2314
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 107 Resp: 952814
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2

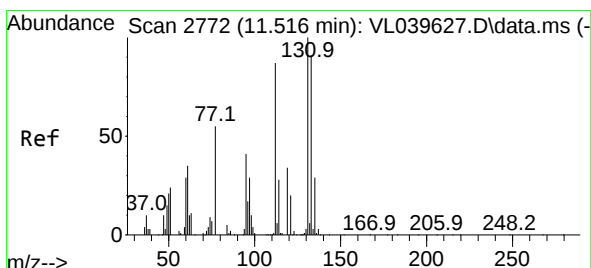
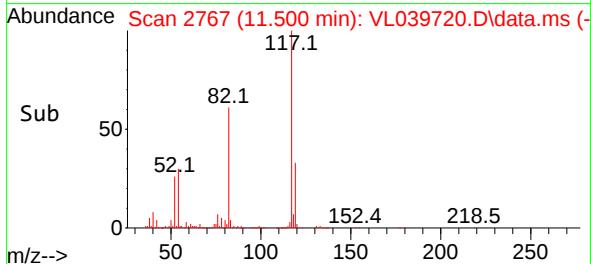
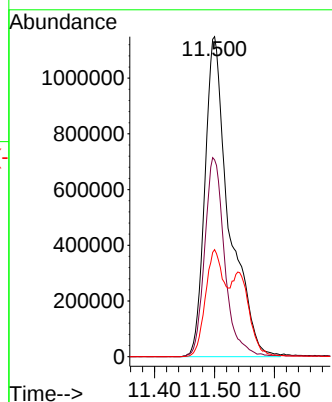
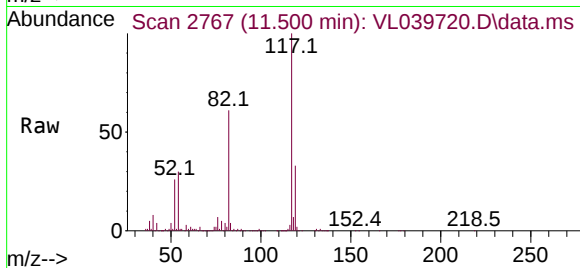




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

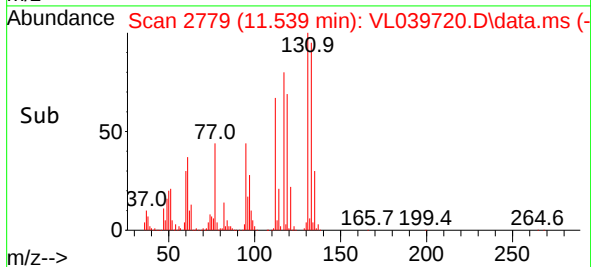
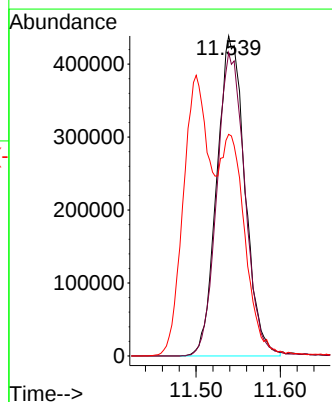
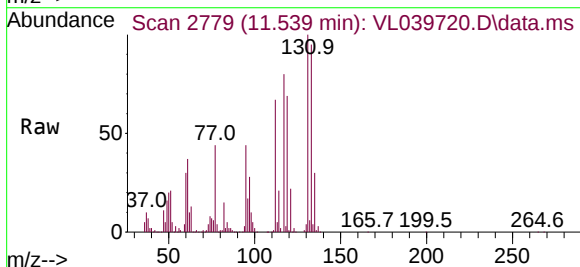
Instrument :
MSVOA_1
ClientSampleId :
VL1017ABS01

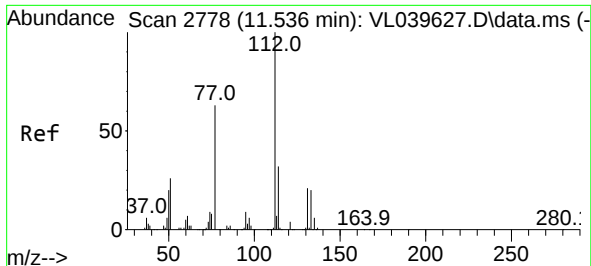
Tgt Ion:117 Resp: 3228155
Ion Ratio Lower Upper
117 100
82 51.9 50.8 76.2
119 27.7 24.1 36.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.747 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion:131 Resp: 1010640
Ion Ratio Lower Upper
131 100
133 95.4 76.8 115.2
119 60.4 46.2 69.4

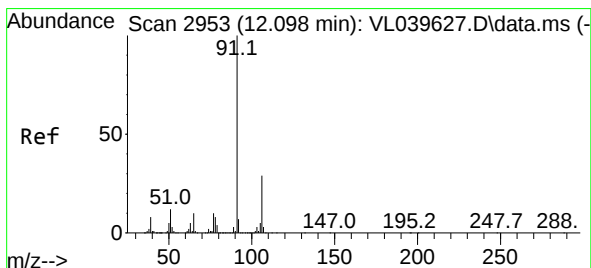
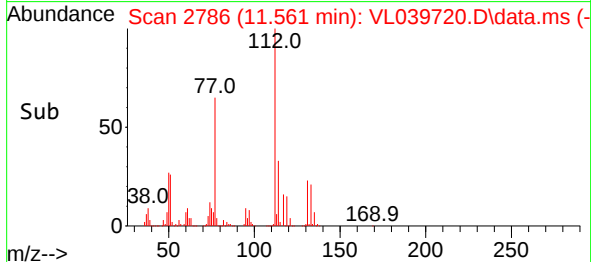
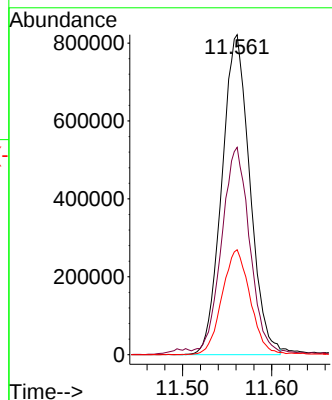
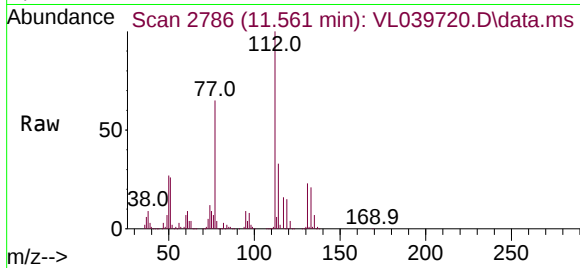




#57
Chlorobenzene
Concen: 7.558 ppbv
RT: 11.561 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

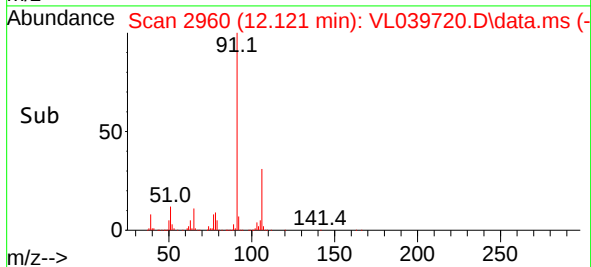
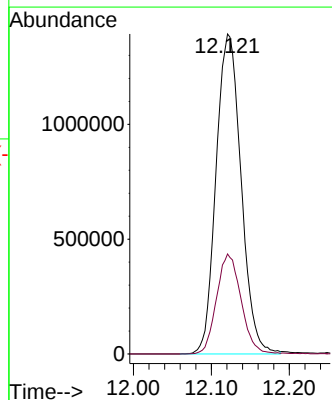
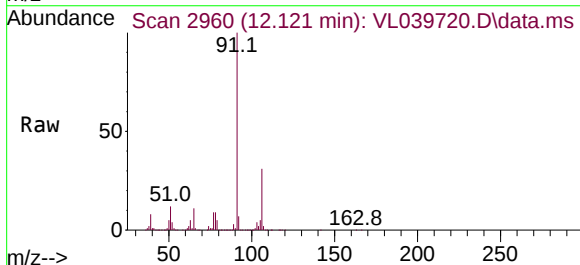
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

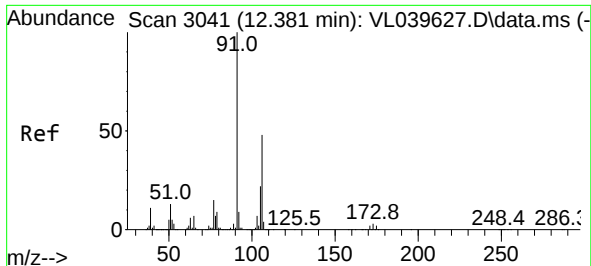
Tgt Ion:112 Resp: 1794203
Ion Ratio Lower Upper
112 100
77 63.7 51.0 76.4
114 32.7 27.5 33.6



#58
Ethyl Benzene
Concen: 8.351 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 91 Resp: 3108215
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

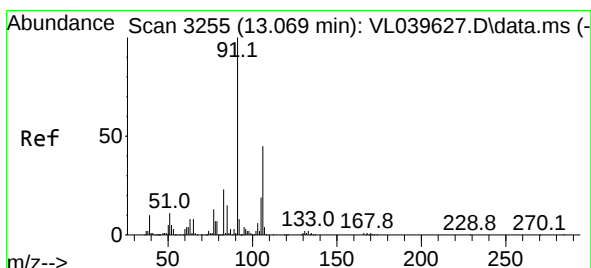
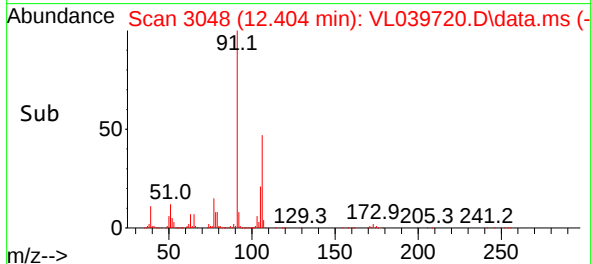
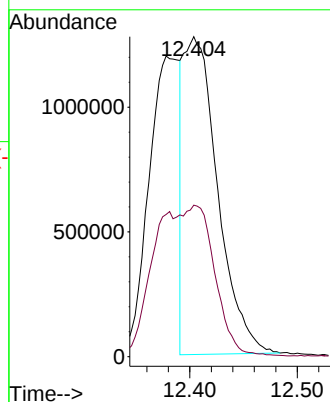
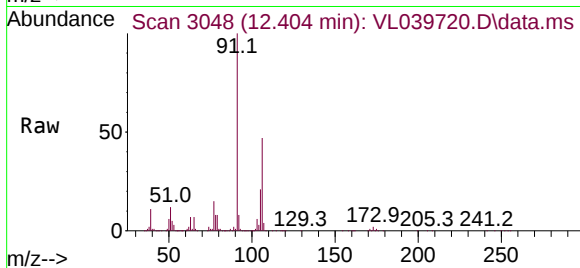




#59
m/p-Xylene
Concen: 8.480 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

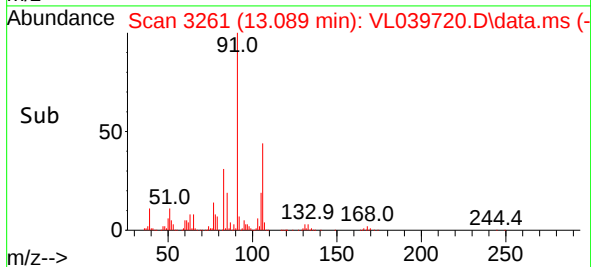
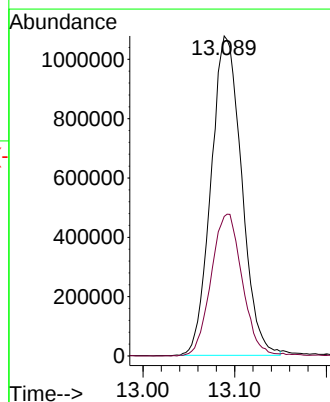
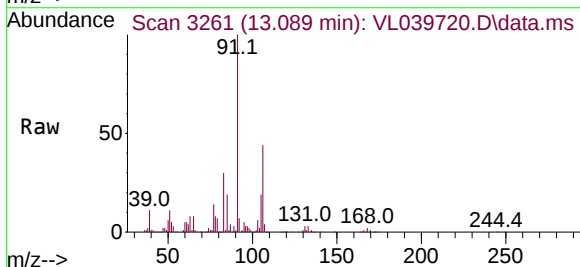
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

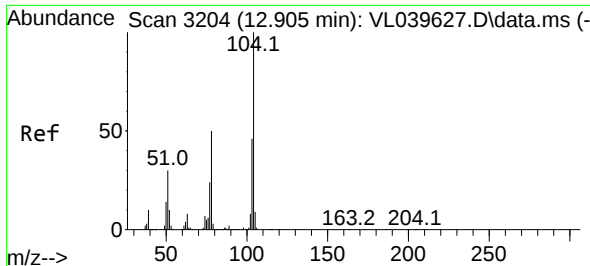
Tgt Ion: 91 Resp: 2808863
Ion Ratio Lower Upper
91 100
106 84.3 35.4 53.2#



#60
o-Xylene
Concen: 7.883 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 91 Resp: 2493446
Ion Ratio Lower Upper
91 100
106 45.8 22.4 67.3

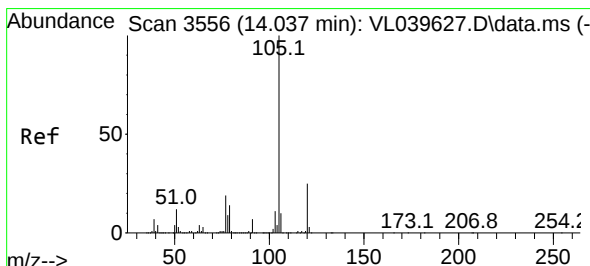
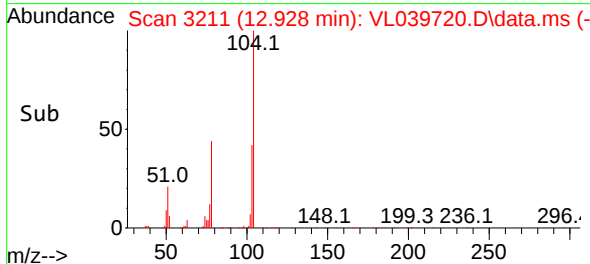
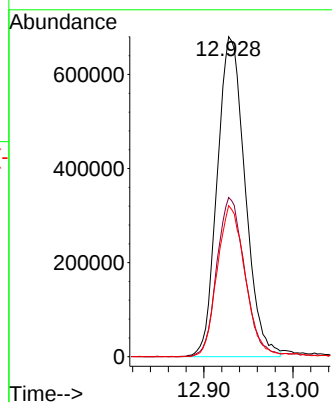
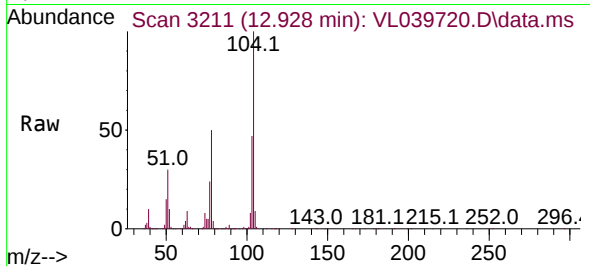




#61
Styrene
Concen: 8.684 ppbv
RT: 12.928 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

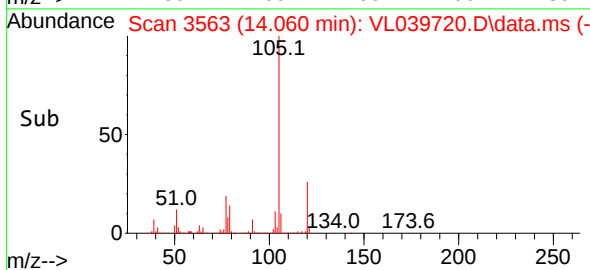
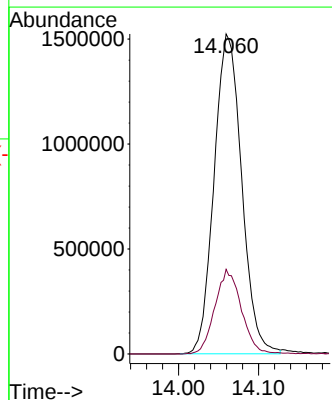
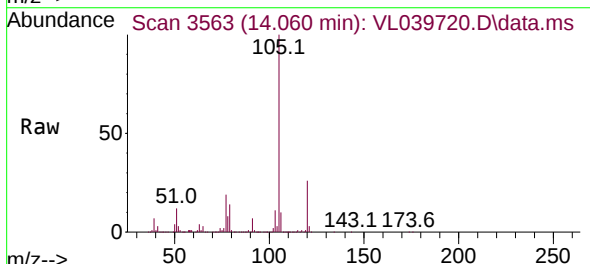
Instrument :
MSVOA_1
ClientSampleId :
VL1017ABS01

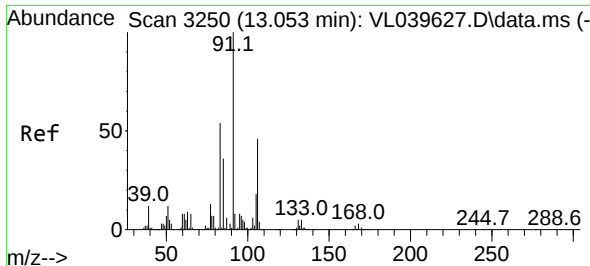
Tgt Ion:104 Resp: 1479444
Ion Ratio Lower Upper
104 100
78 50.6 41.2 61.8
103 48.1 38.7 58.1



#62
Isopropylbenzene
Concen: 7.649 ppbv
RT: 14.060 min Scan# 3563
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion:105 Resp: 3641024
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1

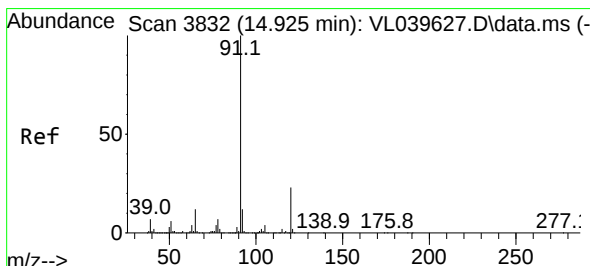
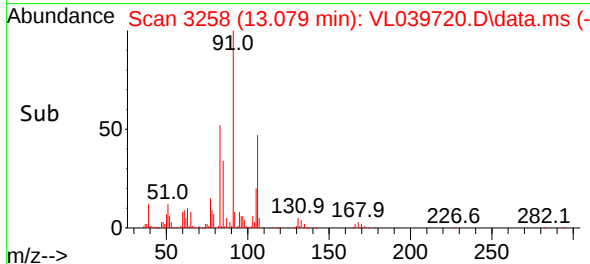
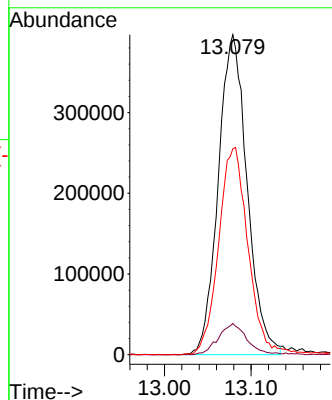
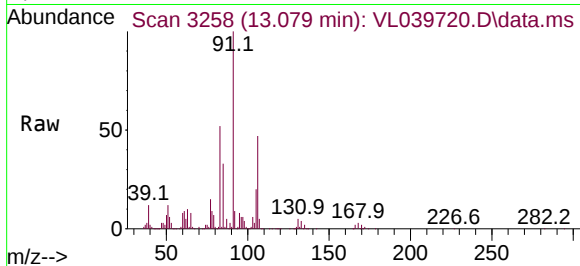




#63
1,1,2,2-Tetrachloroethane
Concen: 7.272 ppbv
RT: 13.079 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

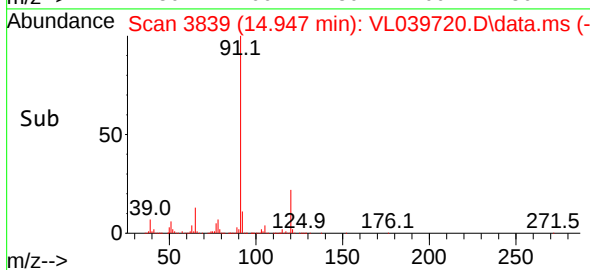
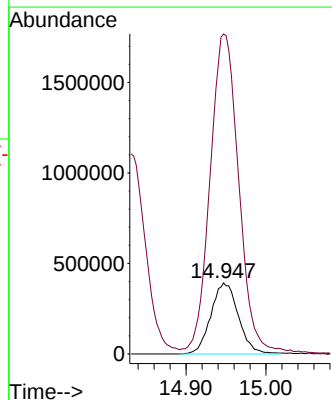
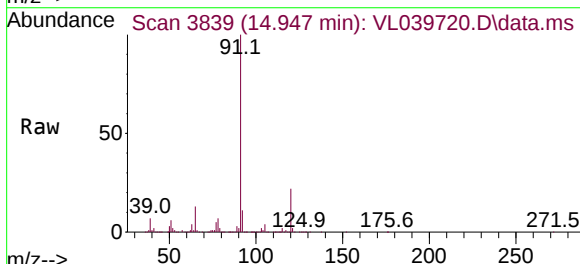
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

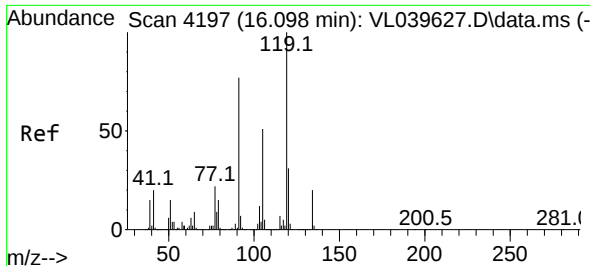
Tgt Ion: 83 Resp: 917573
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 67.2 33.1 99.5



#64
n-propylbenzene
Concen: 7.674 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 120 Resp: 935384
Ion Ratio Lower Upper
120 100
91 474.2 367.2 550.8

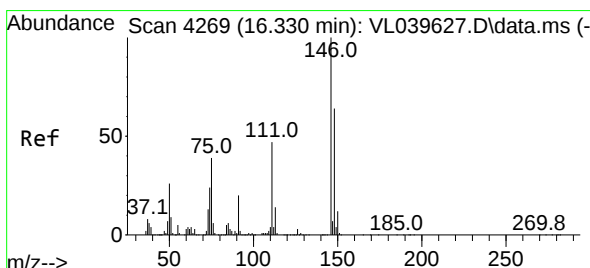
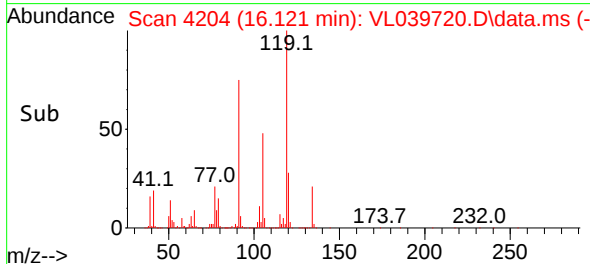
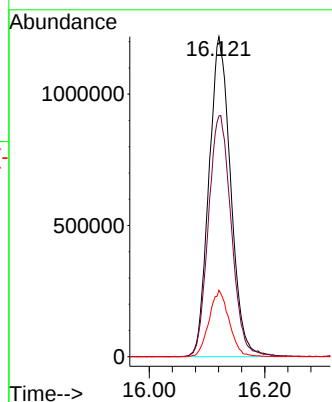
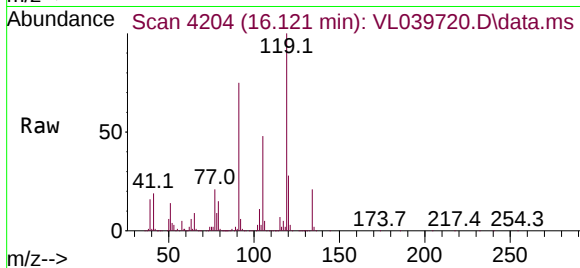




#65
tert-Butylbenzene
Concen: 7.578 ppbv
RT: 16.121 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

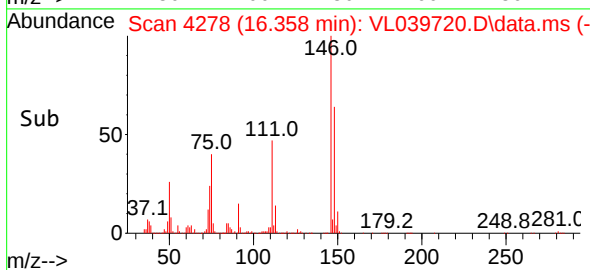
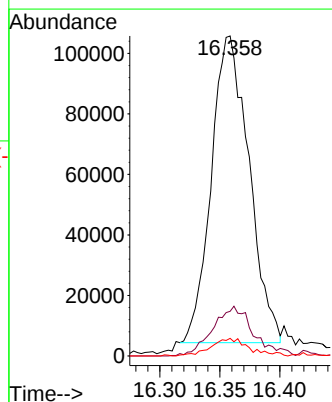
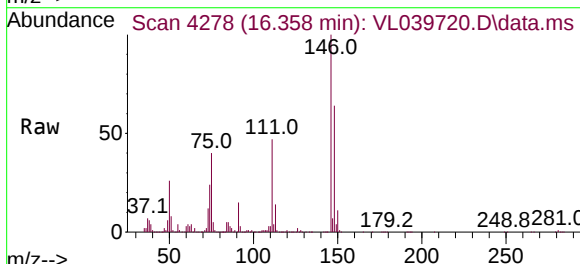
Instrument :
MSVOA_1
ClientSampleId :
VL1017ABS01

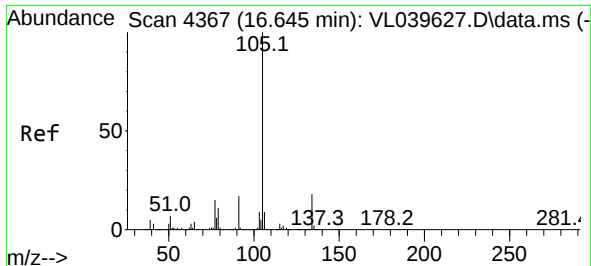
Tgt Ion:119 Resp: 3186593
Ion Ratio Lower Upper
119 100
91 79.1 63.4 95.2
134 19.3 15.9 23.9



#66
Benzyl Chloride
Concen: 6.607 ppbv
RT: 16.358 min Scan# 4278
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 91 Resp: 221224
Ion Ratio Lower Upper
91 100
126 18.4 13.1 19.7
128 5.9 4.4 6.6

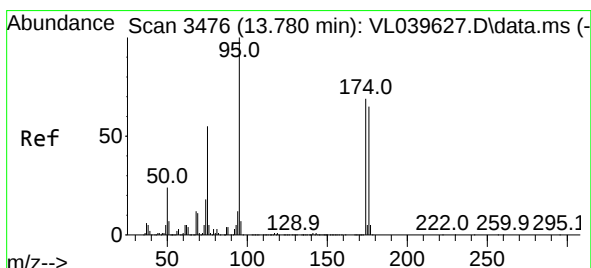
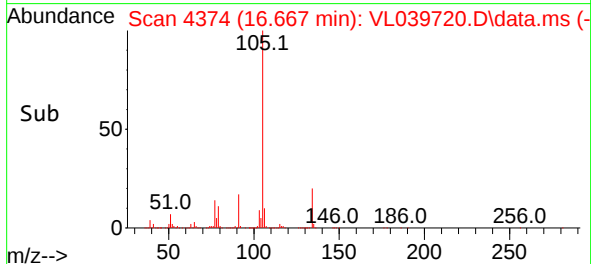
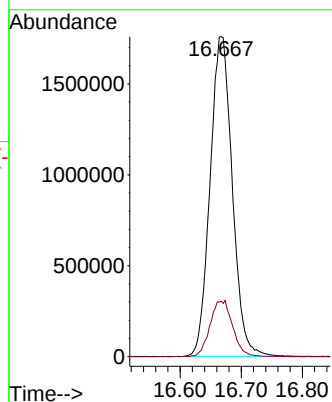
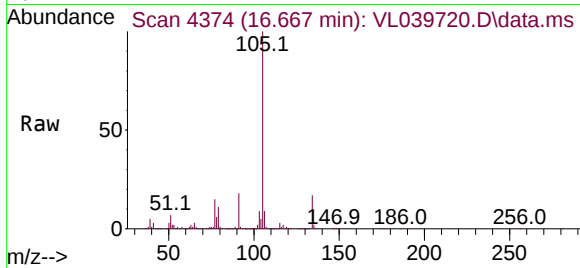




#67
 sec-Butylbenzene
 Concen: 7.543 ppbv
 RT: 16.667 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

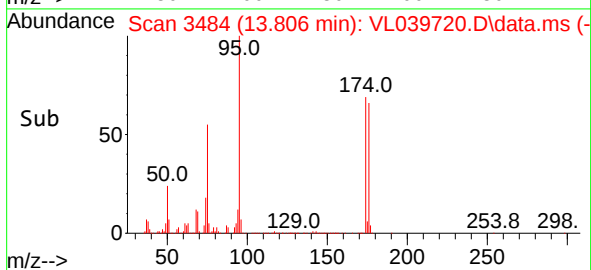
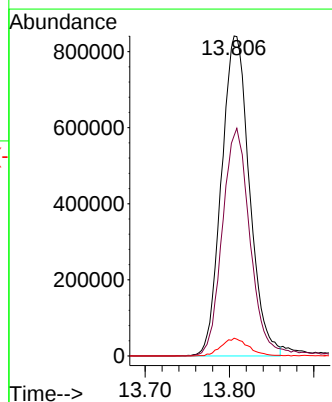
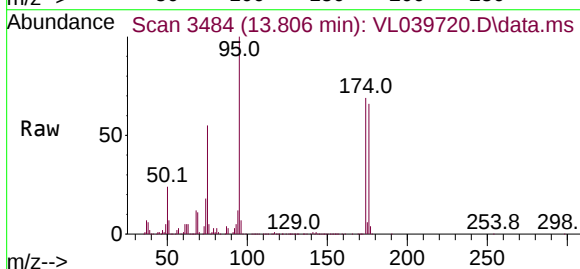
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABS01

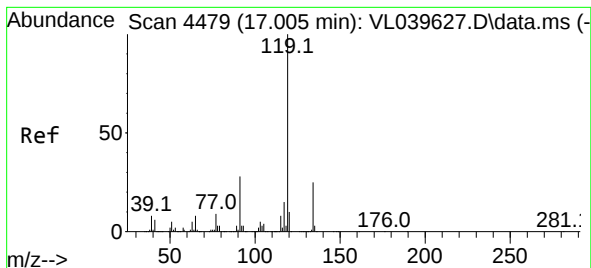
Tgt Ion:105 Resp: 4449268
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.056 ppbv
 RT: 13.806 min Scan# 3484
 Delta R.T. 0.006 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Tgt Ion: 95 Resp: 1941297
 Ion Ratio Lower Upper
 95 100
 174 71.8 55.9 83.9
 175 5.6 4.2 6.4

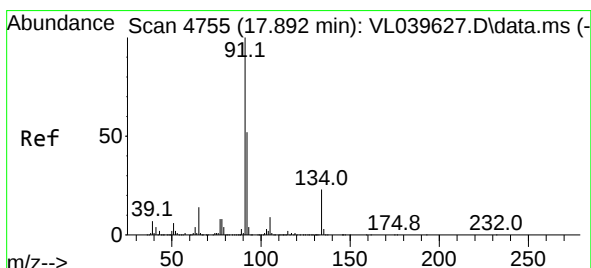
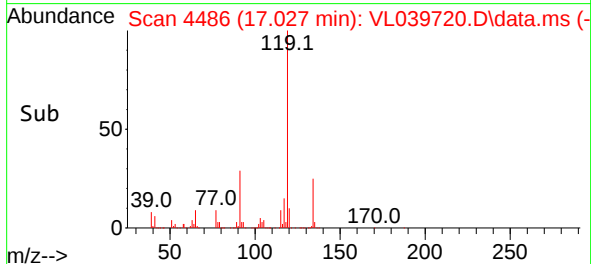
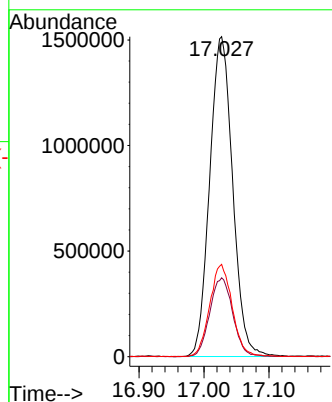
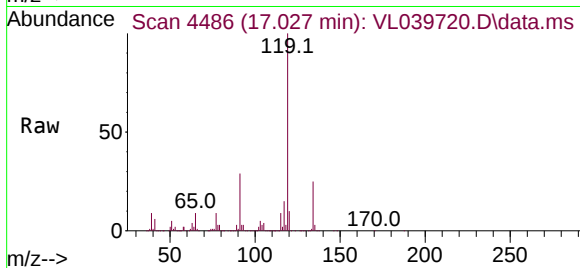




#69
p-Isopropyltoluene
Concen: 7.669 ppbv
RT: 17.027 min Scan# 4479
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

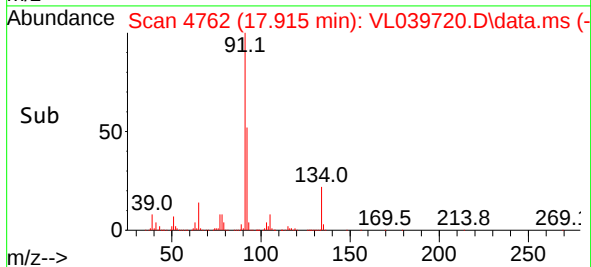
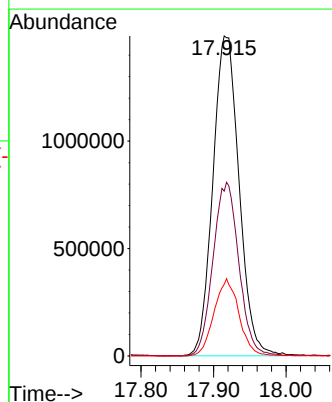
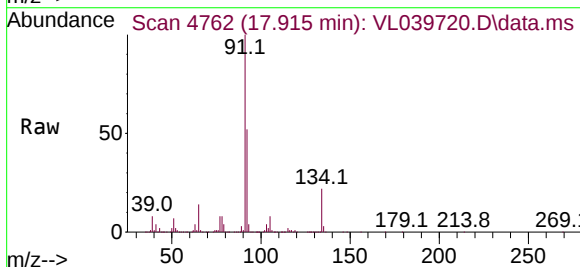
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

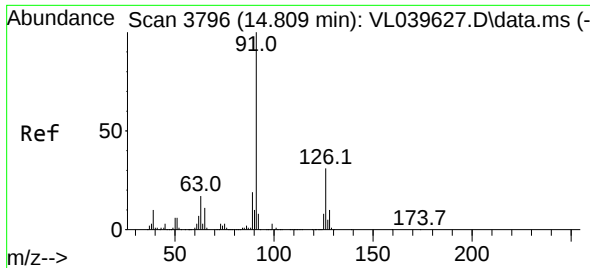
Tgt Ion:119 Resp: 3717153
Ion Ratio Lower Upper
119 100
134 24.9 20.3 30.5
91 28.3 22.9 34.3



#70
n-Butylbenzene
Concen: 7.865 ppbv
RT: 17.915 min Scan# 4762
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 91 Resp: 3736788
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.2
134 23.0 18.9 28.3

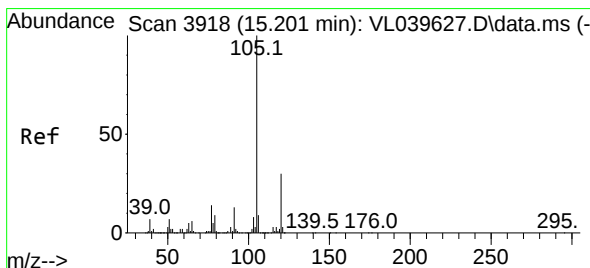
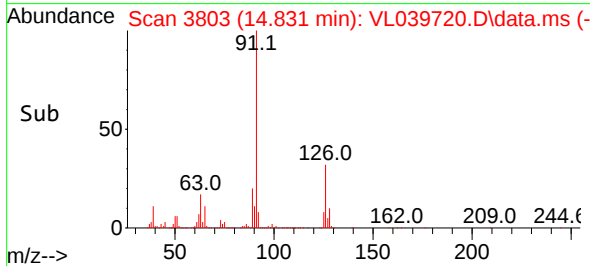
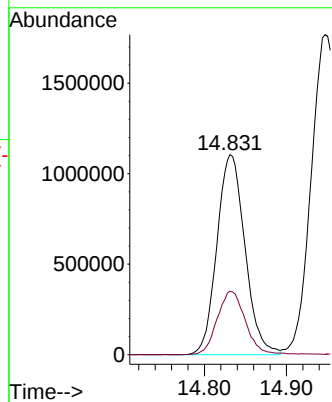
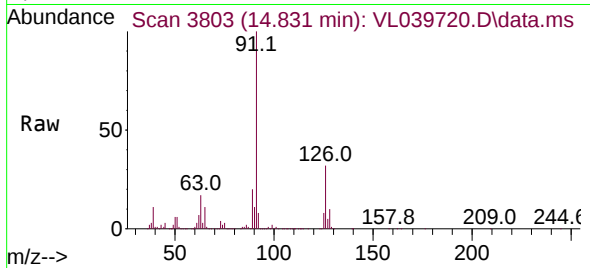




#71
2-Chlorotoluene
Concen: 7.652 ppbv
RT: 14.831 min Scan# 3803
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

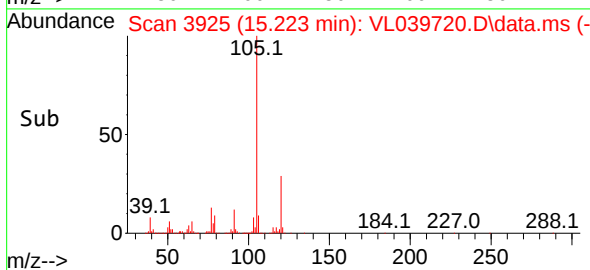
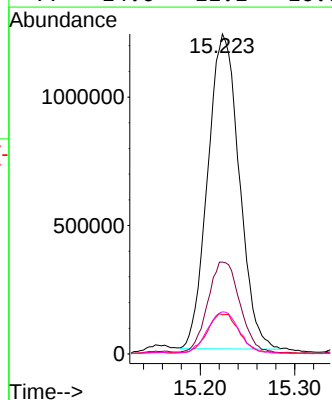
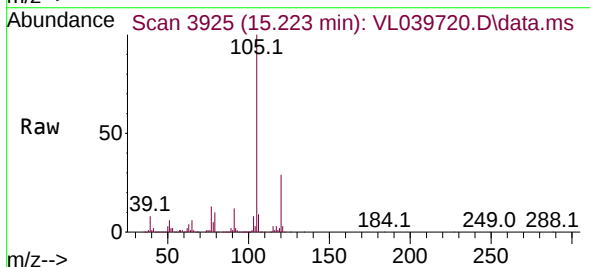
Instrument :
MSVOA_1
ClientSampleId :
VL1017ABS01

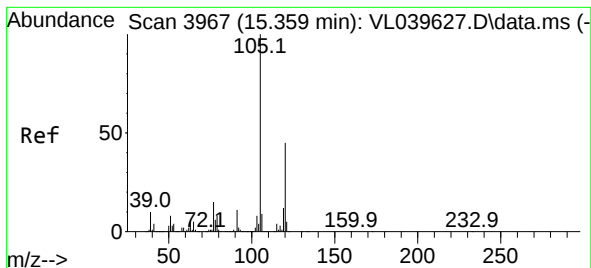
Tgt Ion: 91 Resp: 2629853
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8



#72
4-Ethyltoluene
Concen: 7.847 ppbv
RT: 15.223 min Scan# 3925
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion:105 Resp: 2833737
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 13.2 10.2 15.4
77 14.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 7.859 ppbv

RT: 15.381 min Scan# 3967

Delta R.T. 0.003 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

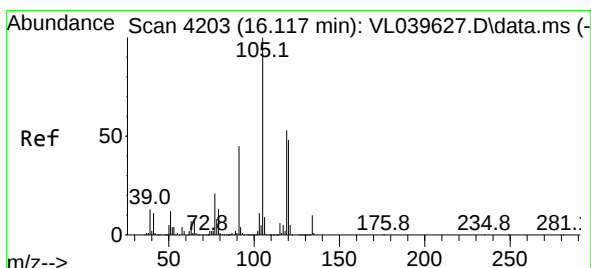
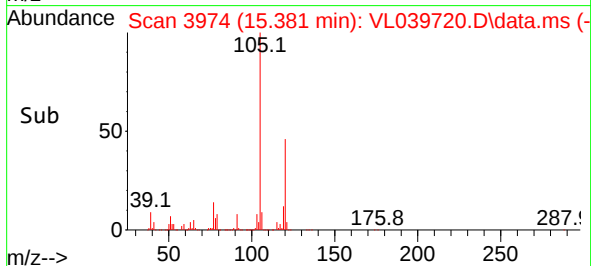
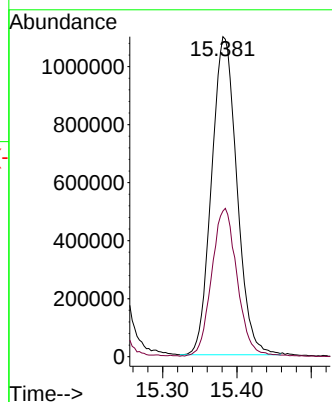
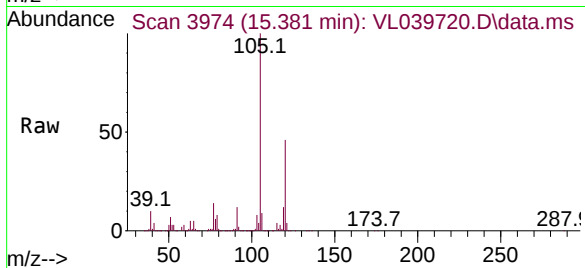
VL1017ABS01

Tgt Ion:105 Resp: 2596947

Ion Ratio Lower Upper

105 100

120 45.6 38.2 57.4



#74

1,2,4-Trimethylbenzene

Concen: 7.554 ppbv

RT: 16.140 min Scan# 4210

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Tgt Ion:105 Resp: 2797810

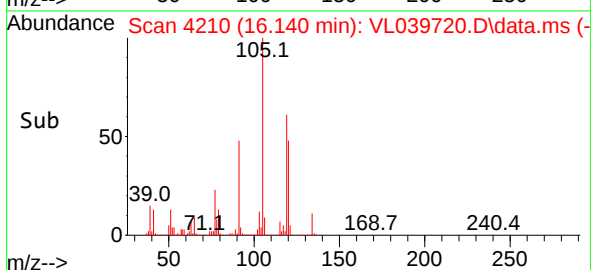
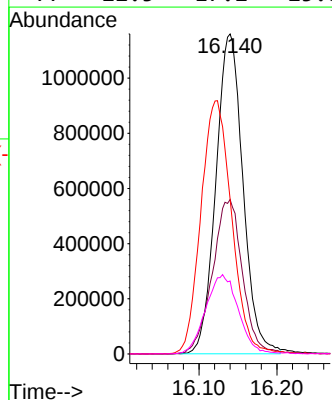
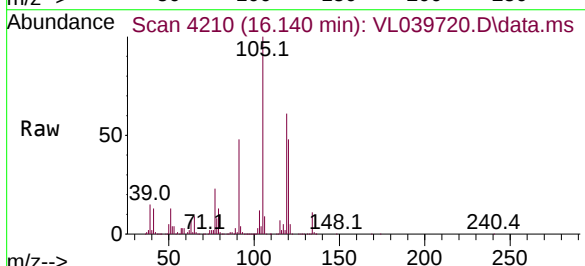
Ion Ratio Lower Upper

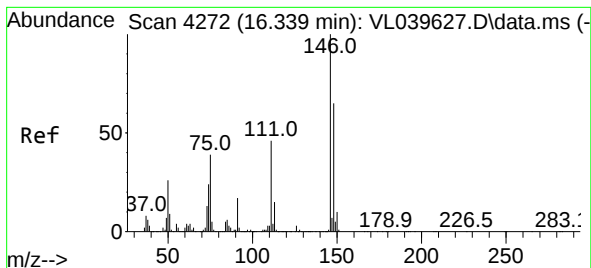
105 100

120 48.0 39.5 59.3

91 47.6 39.2 58.8

77 22.5 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 7.561 ppbv

RT: 16.362 min Scan# 4323

Delta R.T. 0.006 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL1017ABS01

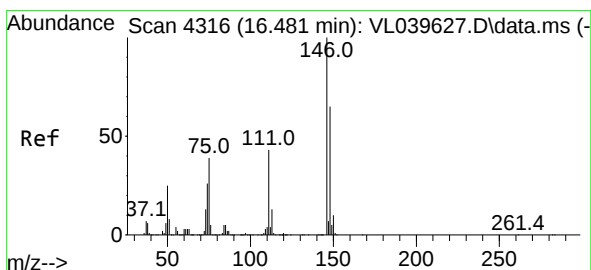
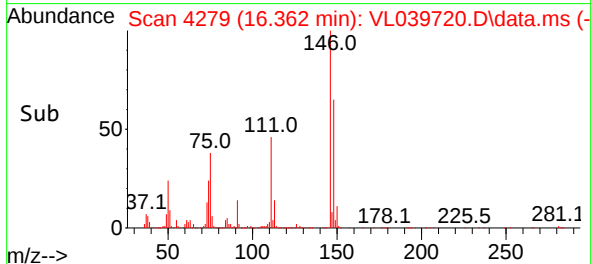
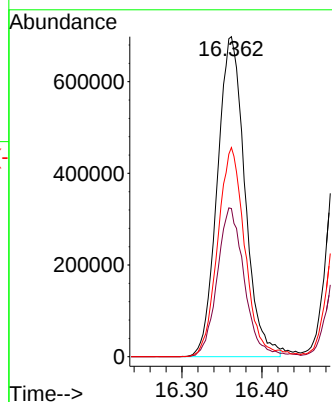
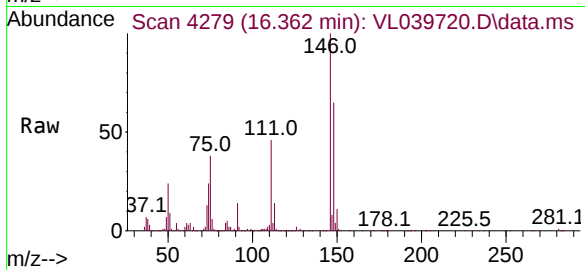
Tgt Ion:146 Resp: 1671000

Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.7

148 64.9 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 7.236 ppbv

RT: 16.503 min Scan# 4323

Delta R.T. 0.003 min

Lab File: VL039720.D

Acq: 17 Oct 2022 15:27

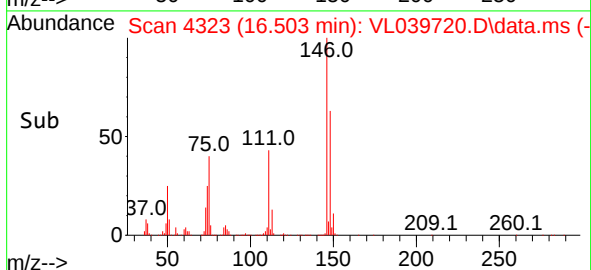
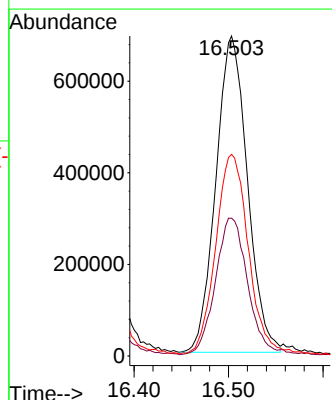
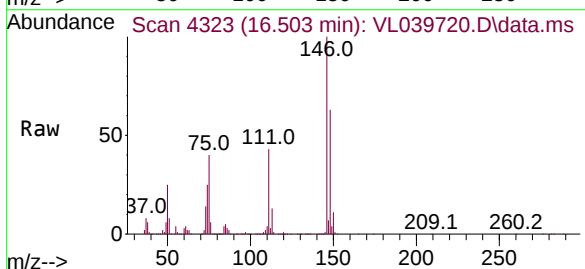
Tgt Ion:146 Resp: 1599742

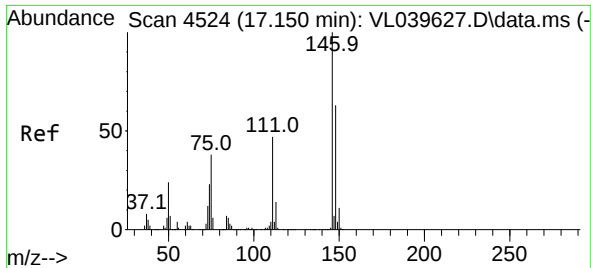
Ion Ratio Lower Upper

146 100

111 45.7 22.9 68.8

148 67.7 33.6 100.8

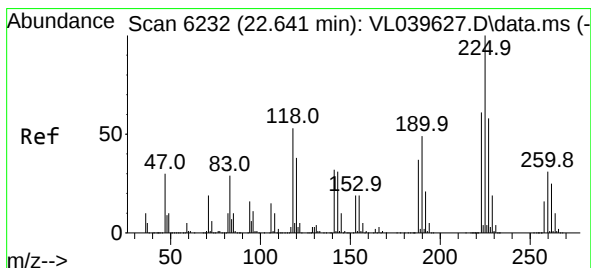
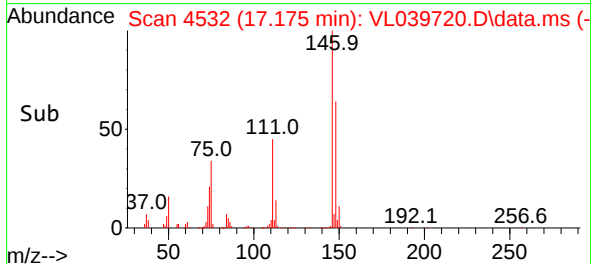
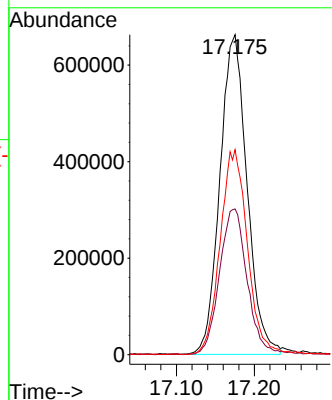
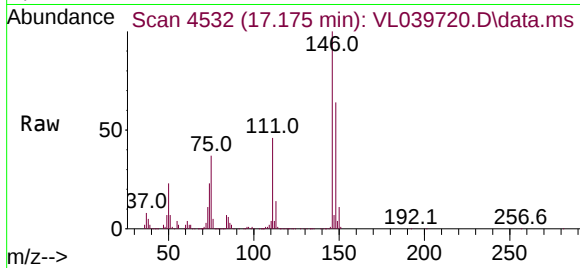




#77
1,2-Dichlorobenzene
Concen: 7.432 ppbv
RT: 17.175 min Scan# 4532
Delta R.T. 0.006 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

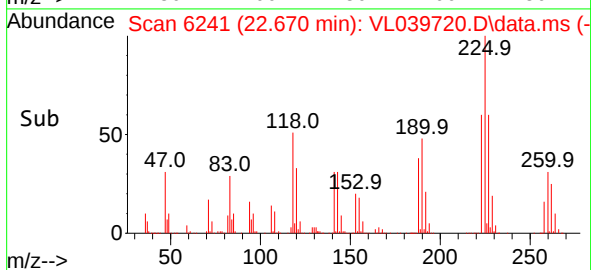
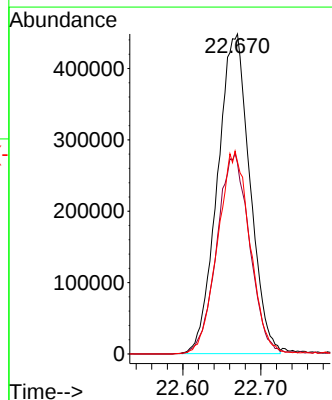
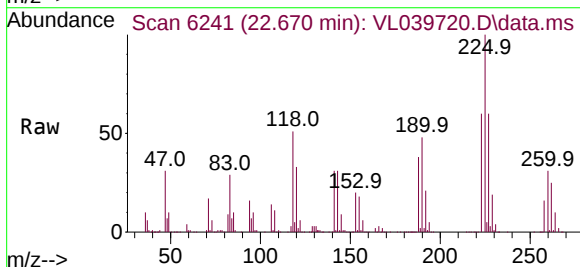
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

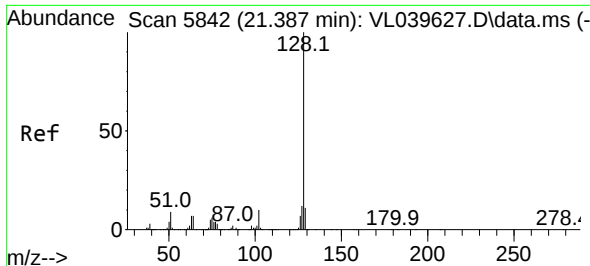
Tgt Ion:146 Resp: 1601806
Ion Ratio Lower Upper
146 100
111 47.0 23.8 71.5
148 64.8 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 7.854 ppbv
RT: 22.670 min Scan# 6241
Delta R.T. 0.009 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

Tgt Ion:225 Resp: 1293379
Ion Ratio Lower Upper
225 100
223 63.8 51.8 77.6
227 64.1 51.4 77.2

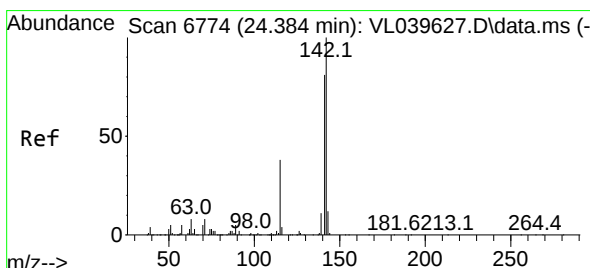
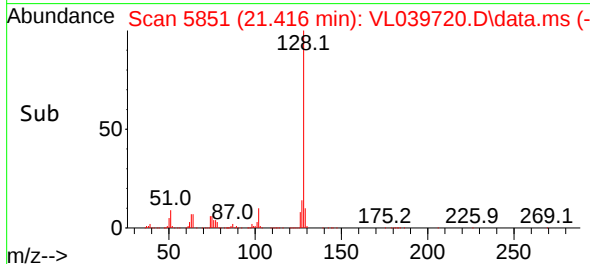
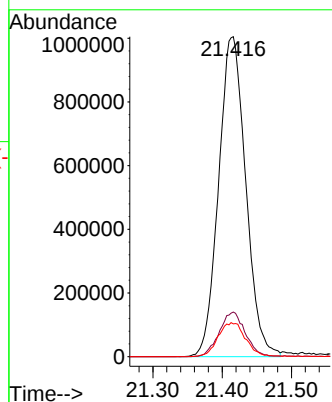
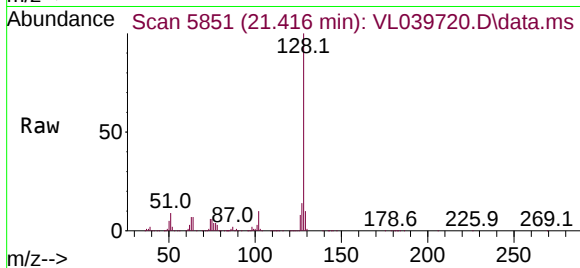




#79
Naphthalene
Concen: 11.178 ppbv
RT: 21.416 min Scan# 5851
Delta R.T. 0.009 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

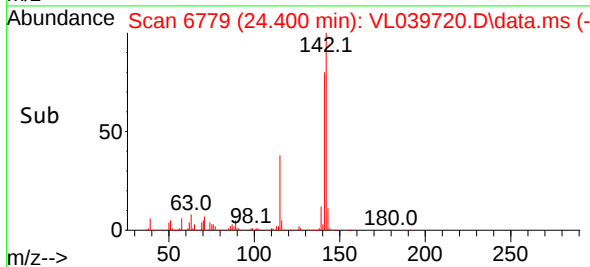
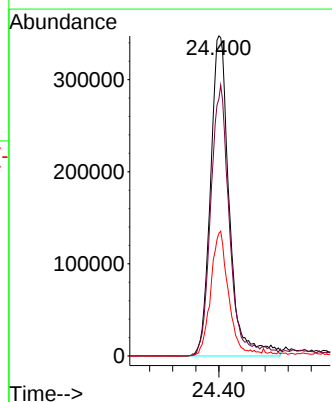
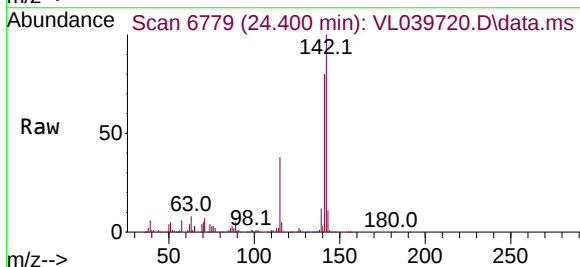
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABS01

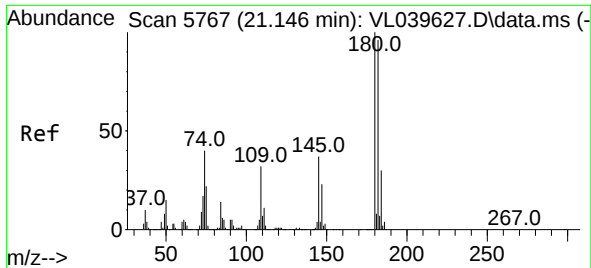
Tgt Ion:128 Resp: 2732304
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 10.3 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.552 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.003 min
Lab File: VL039720.D
Acq: 17 Oct 2022 15:27

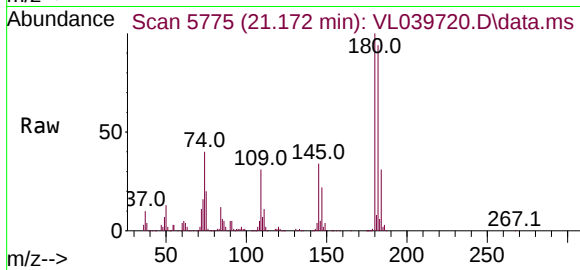
Tgt Ion:142 Resp: 786028
Ion Ratio Lower Upper
142 100
141 87.1 68.9 103.3
115 37.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.454 ppbv
 RT: 21.172 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL039720.D
 Acq: 17 Oct 2022 15:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABS01



Tgt Ion:180 Resp: 1517835

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
184	31.0	24.3	36.5

