

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040900.D
 Acq On : 17 Nov 2023 18:25
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Nov 20 04:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	923044	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2191854	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2097178	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	1731048	10.543	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.771	85	1900082	10.154	ppbv	99
3) Chlorodifluoromethane	2.716	51	1471994	9.988	ppbv	100
4) Chloromethane	2.854	50	524591	9.899	ppbv	97
5) Vinyl Chloride	2.960	62	541405	10.272	ppbv	100
6) Bromomethane	3.157	94	210659	10.471	ppbv	97
7) Chloroethane	3.234	64	191026	10.467	ppbv #	89
8) Dichlorotetrafluoroethane	2.896	85	1372709	10.160	ppbv	98
9) Propene	2.735	41	475716	9.578	ppbv	100
10) Heptane	7.597	43	1230728	10.073	ppbv	99
11) Trichlorofluoromethane	3.597	101	1463215	10.177	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	999045	9.781	ppbv	98
13) Ethanol	3.276	45	91267	9.464	ppbv #	100
14) Bromoethene	3.401	108	424435	10.331	ppbv	98
15) Acetone	3.501	43	1002678	10.199	ppbv	99
16) 1,3-Butadiene	3.025	39	550163	11.062	ppbv	98
17) tert-Butyl alcohol	3.909	59	865941	10.300	ppbv	99
18) 1,1-Dichloroethene	3.912	96	443791	9.748	ppbv	97
19) Isopropyl Alcohol	3.610	45	630470	10.657	ppbv #	99
20) Methylene Chloride	3.964	84	378152	9.321	ppbv	98
21) Allyl Chloride	4.028	41	645997	10.268	ppbv	99
22) trans-1,2-Dichloroethene	4.472	96	560010	10.839	ppbv	97
23) Vinyl Acetate	4.655	43	1399290	11.023	ppbv	99
24) 1,1-Dichloroethane	4.591	63	1199316	10.600	ppbv	98
25) Ethyl Acetate	5.230	43	2102818	10.331	ppbv	100
26) Hexane	5.237	57	901994	10.012	ppbv	98
27) Carbon Disulfide	4.157	76	1128631	9.879	ppbv	99
28) Methyl tert-Butyl Ether	4.613	73	816399	10.020	ppbv	98
29) Chloroform	5.301	83	1544015	10.112	ppbv	99
30) Cyclohexane	6.623	84	723196	9.331	ppbv	94
31) cis-1,2-Dichloroethene	5.105	61	945186	10.602	ppbv	98
32) 1,1,1-Trichloroethane	6.025	97	1519044	10.663	ppbv	100
34) 2-Butanone	4.812	43	1313506	11.763	ppbv	98
35) Carbon Tetrachloride	6.513	117	1619761	12.045	ppbv	98
36) Benzene	6.394	78	1860409	10.458	ppbv	99
37) 1,2-Dichloroethane	5.828	62	1197171	11.411	ppbv	99
38) Trichloroethene	7.311	130	714160	10.328	ppbv	93
39) 1,2-Dichloropropane	7.092	63	731212	10.367	ppbv	97
40) 1,4-Dioxane	7.304	88	296255	10.586	ppbv #	98
41) Tetrahydrofuran	5.578	42	776923	11.301	ppbv	98
42) Bromodichloromethane	7.269	83	1715366	11.425	ppbv	98
43) Methyl Methacrylate	7.491	69	781220	11.524	ppbv	97
44) 2,2,4-Trimethylpentane	7.343	57	3168850	10.724	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	500285	12.559	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040900.D
 Acq On : 17 Nov 2023 18:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

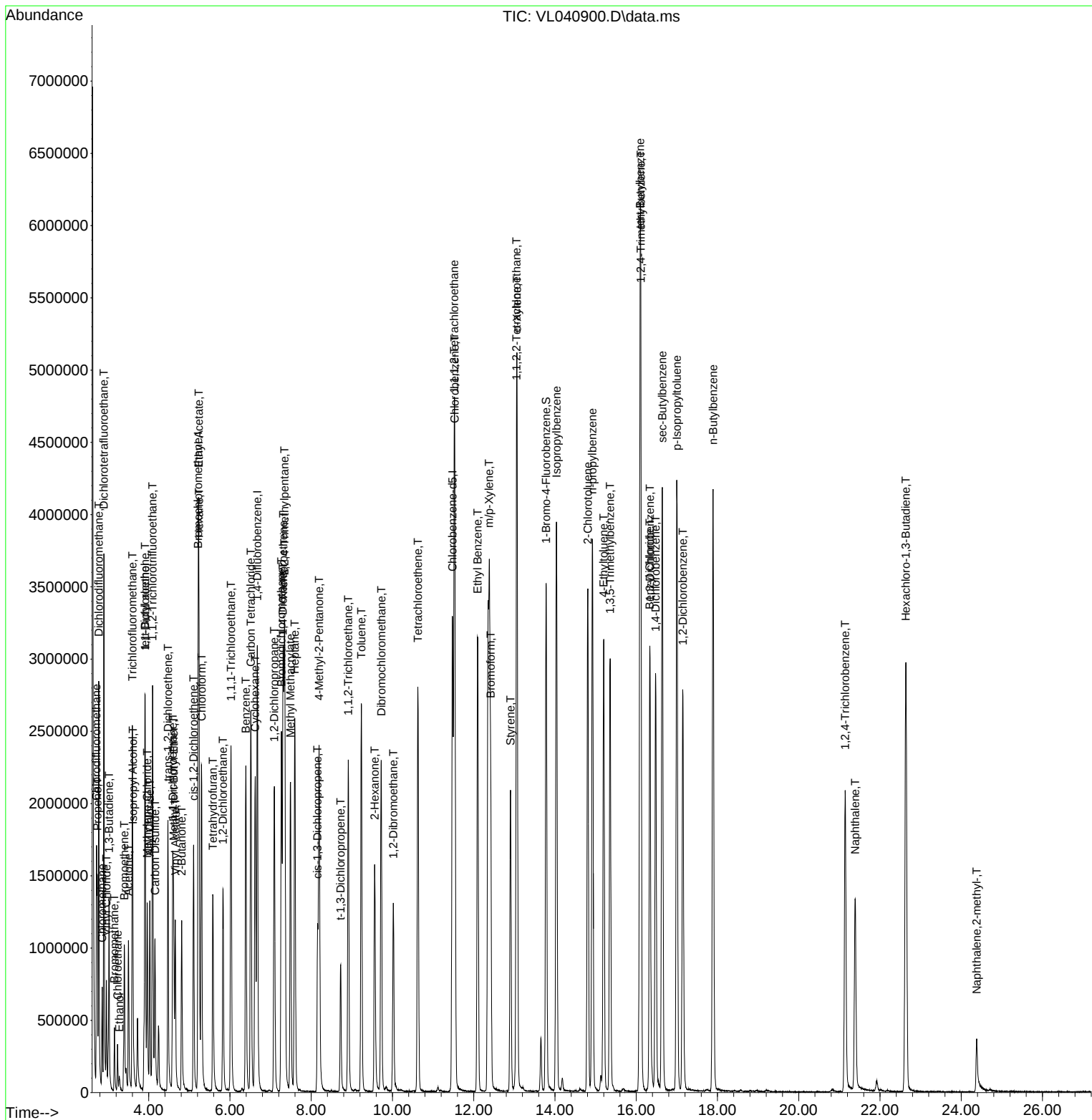
Instrument :
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 ClientSampleId :
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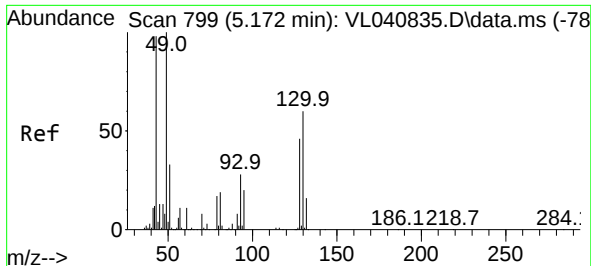
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	621966	12.042	ppbv	95
47) 1,1,2-Trichloroethane	8.912	97	786702	10.644	ppbv	98
48) Dibromochloromethane	9.725	129	1378699	11.242	ppbv	99
49) Bromoform	12.417	173	1128749	12.237	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	2034729	11.775	ppbv	99
51) 2-Hexanone	9.561	43	1443921	11.854	ppbv #	99
52) Tetrachloroethene	10.626	164	621993	10.383	ppbv	96
53) Toluene	9.233	91	2129493	10.878	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1083793	11.395	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.520	131	998178	11.121	ppbv	97
57) Chlorobenzene	11.536	112	1627006	10.467	ppbv	98
58) Ethyl Benzene	12.098	91	2939968	10.744	ppbv	96
59) m/p-Xylene	12.378	91	2812674	12.071	ppbv #	51
60) o-Xylene	13.066	91	2400178	10.820	ppbv	97
61) Styrene	12.905	104	1191737	11.140	ppbv	99
62) Isopropylbenzene	14.037	105	3485704	10.636	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	1743222	11.088	ppbv	99
64) n-propylbenzene	14.921	120	876768	10.674	ppbv	93
65) tert-Butylbenzene	16.095	119	2973391	10.760	ppbv	97
66) Benzyl Chloride	16.333	91	134368	13.196	ppbv #	96
67) sec-Butylbenzene	16.642	105	4257609	10.786	ppbv	99
69) p-Isopropyltoluene	17.002	119	3374414	10.720	ppbv	98
70) n-Butylbenzene	17.892	91	3660025	11.012	ppbv	98
71) 2-Chlorotoluene	14.809	91	2716100	10.872	ppbv	99
72) 4-Ethyltoluene	15.198	105	2730301	11.197	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	2340887	10.855	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	2573286	10.692	ppbv	98
75) 1,3-Dichlorobenzene	16.336	146	1439408	10.832	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1427316	11.219	ppbv	100
77) 1,2-Dichlorobenzene	17.146	146	1385431	10.722	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	776283	9.595	ppbv	100
79) Naphthalene	21.391	128	1691529	13.675	ppbv	98
80) Naphthalene,2-methyl-	24.381	142	322741	14.781	ppbv	96
81) 1,2,4-Trichlorobenzene	21.146	180	858020	11.410	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

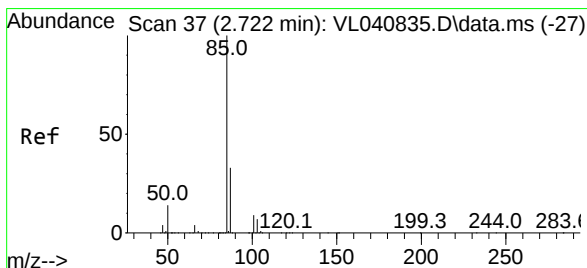
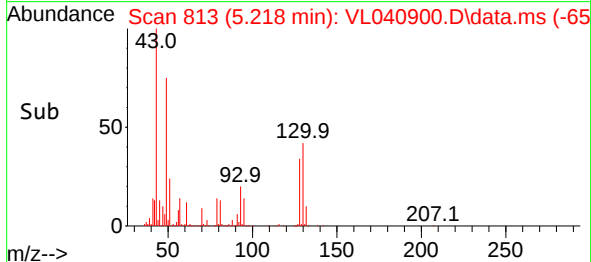
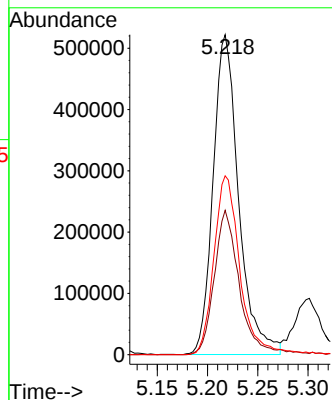
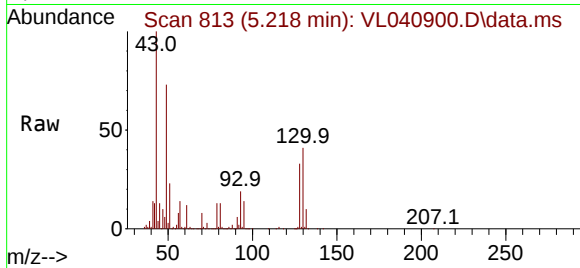




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

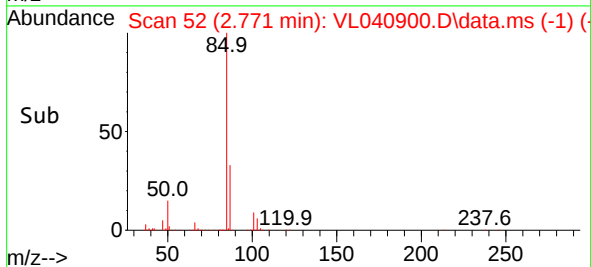
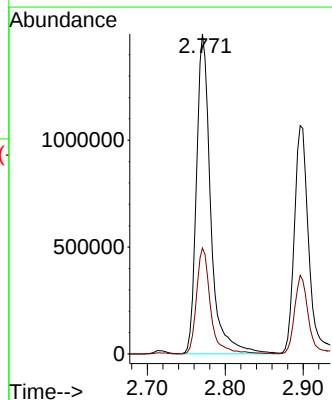
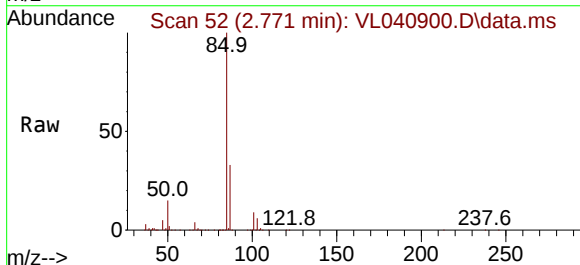
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MSVOA_L
ClientSampleId :
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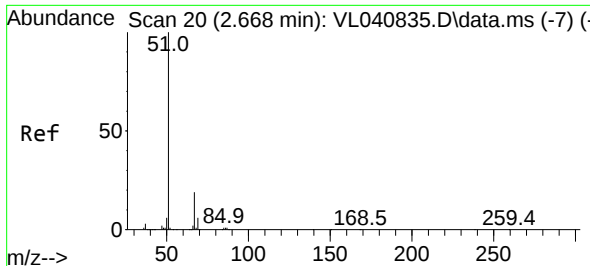
Tgt Ion: 49 Resp: 923044
Ion Ratio Lower Upper
49 100
128 44.9 23.8 71.2
130 57.1 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 10.154 ppbv
RT: 2.771 min Scan# 52
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 85 Resp: 1900082
Ion Ratio Lower Upper
85 100
87 33.1 26.7 40.1

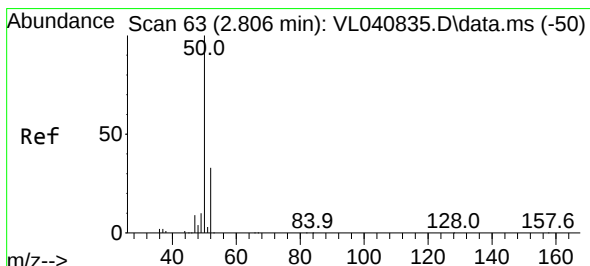
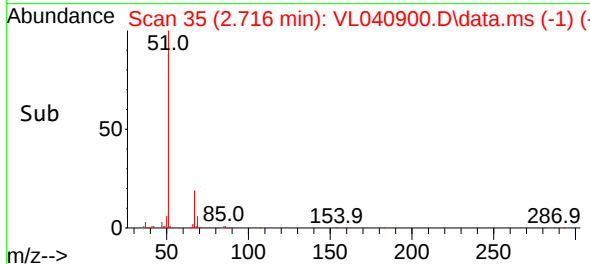
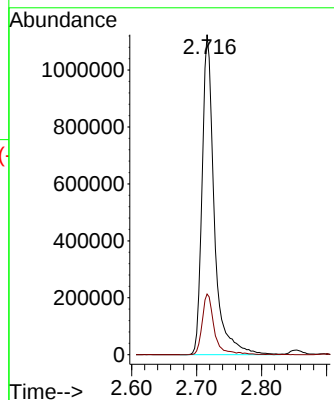
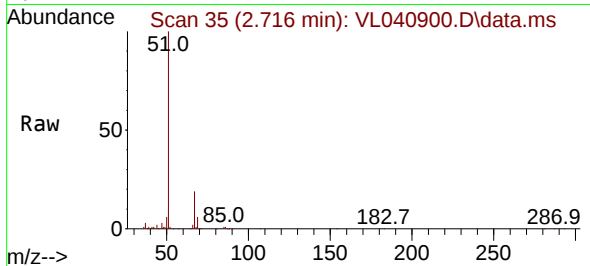




#3
Chlorodifluoromethane
Concen: 9.988 ppbv
RT: 2.716 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

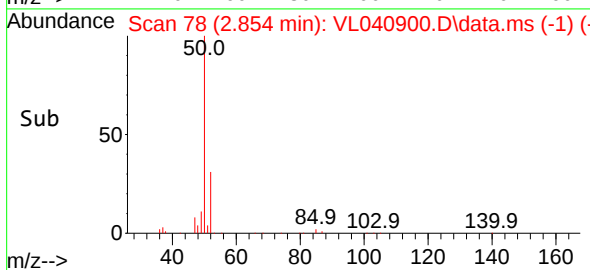
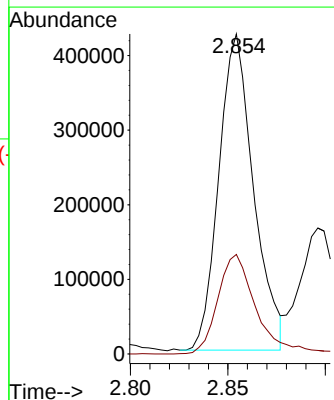
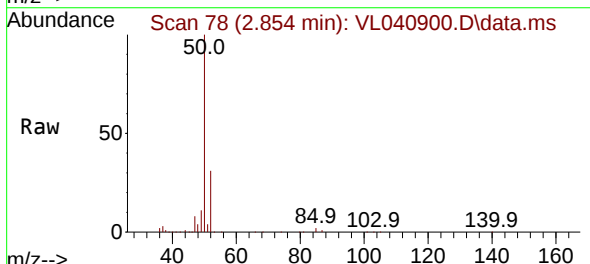
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ClientSampleId :
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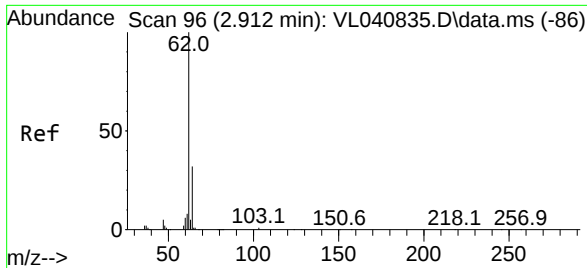
Tgt Ion: 51 Resp: 1471994
Ion Ratio Lower Upper
51 100
67 18.9 15.0 22.4



#4
Chloromethane
Concen: 9.899 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 50 Resp: 524591
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

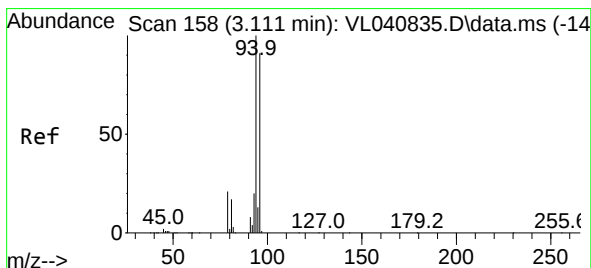
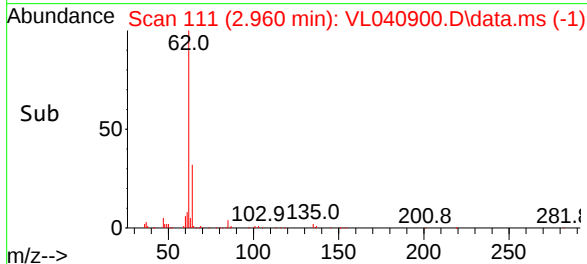
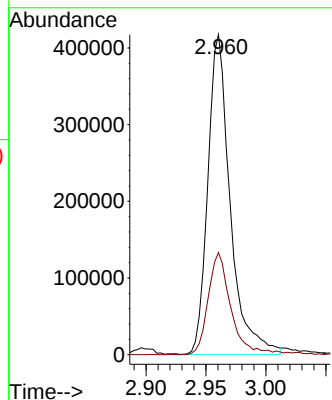
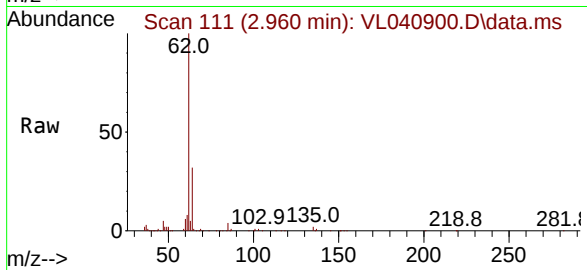




#5
 Vinyl Chloride
 Concen: 10.272 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

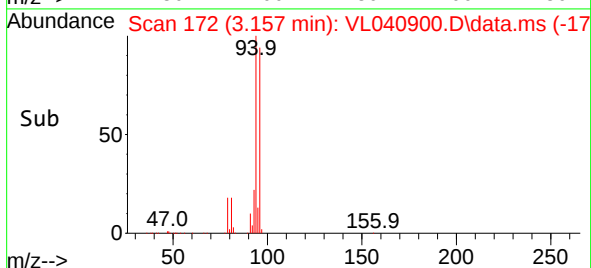
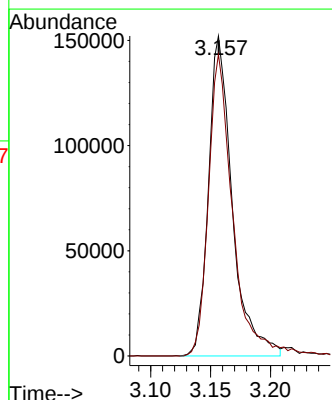
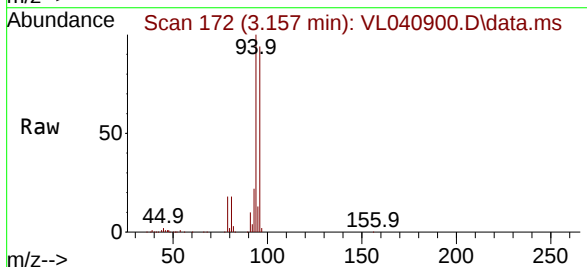
Instrument :
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 ClientSampleId :
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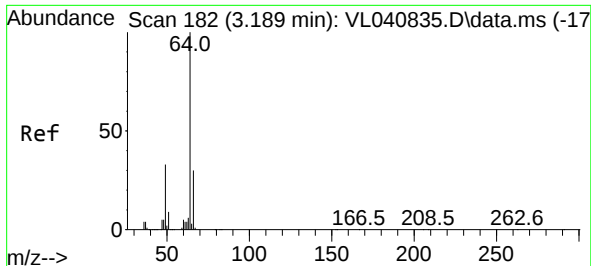
Tgt Ion: 62 Resp: 541405
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.4 38.2



#6
 Bromomethane
 Concen: 10.471 ppbv
 RT: 3.157 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion: 94 Resp: 210659
 Ion Ratio Lower Upper
 94 100
 96 94.2 73.0 109.4

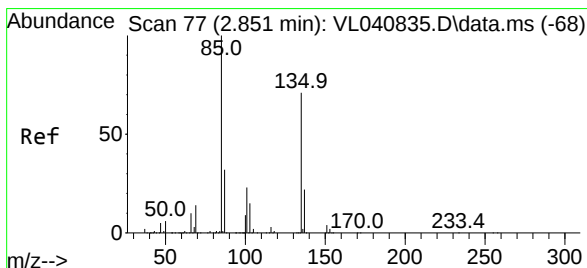
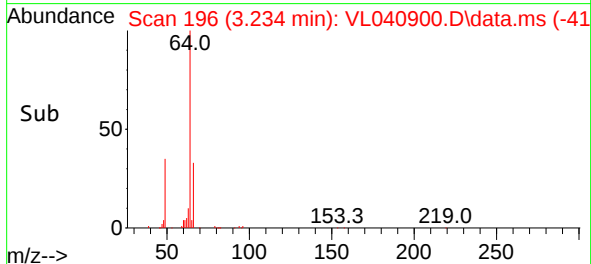
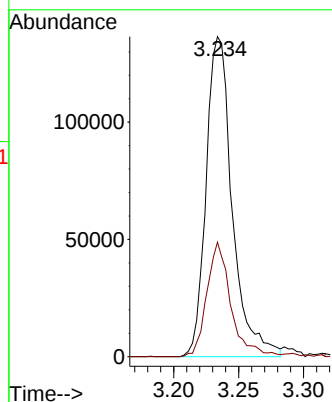
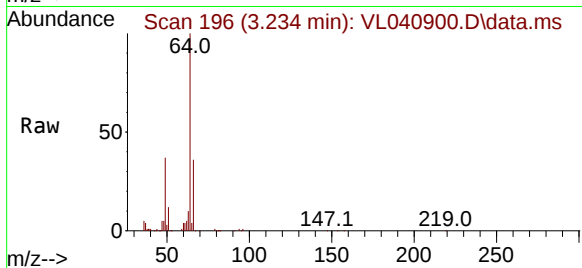




#7
Chloroethane
Concen: 10.467 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

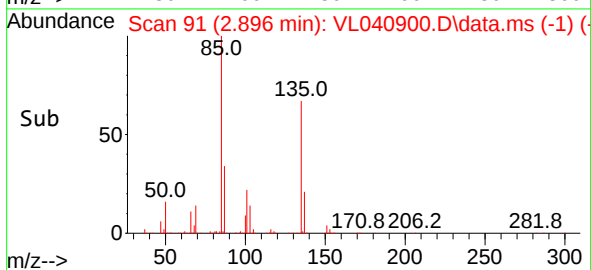
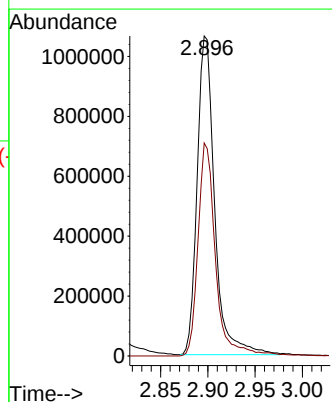
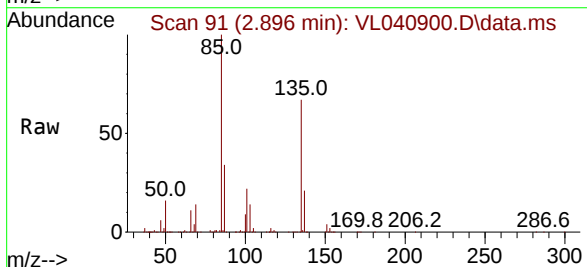
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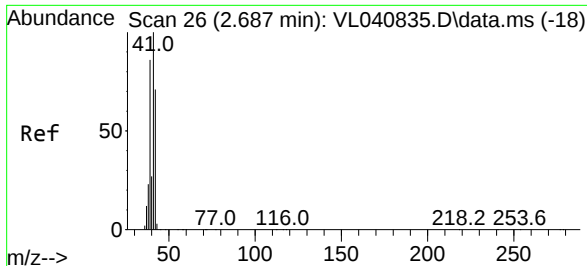
Tgt Ion: 64 Resp: 191026
Ion Ratio Lower Upper
64 100
66 35.8 23.8 35.6#



#8
Dichlorotetrafluoroethane
Concen: 10.160 ppbv
RT: 2.896 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 85 Resp: 1372709
Ion Ratio Lower Upper
85 100
135 67.1 55.3 82.9

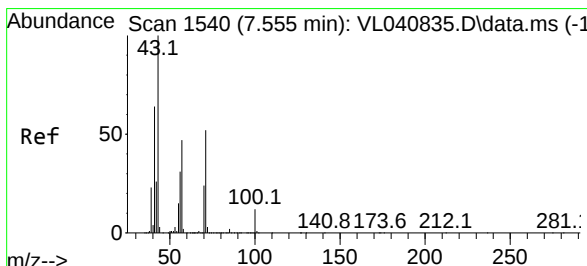
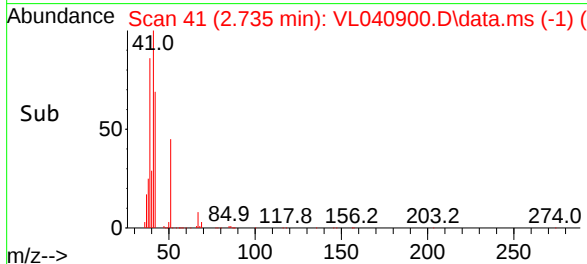
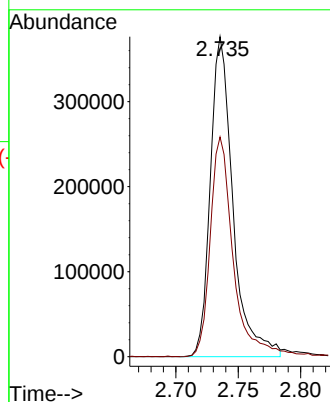
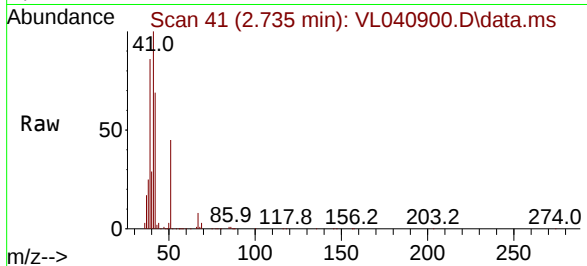




#9
 Propene
 Concen: 9.578 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

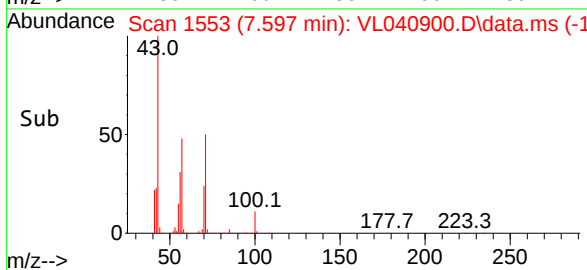
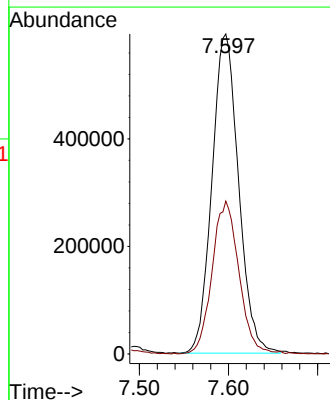
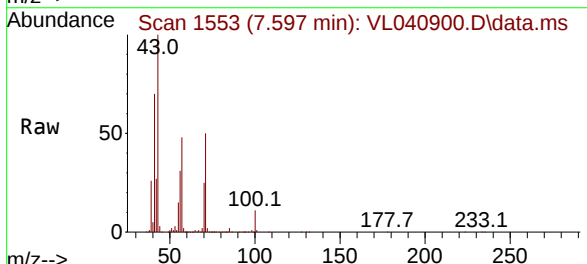
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 ClientSampleId :
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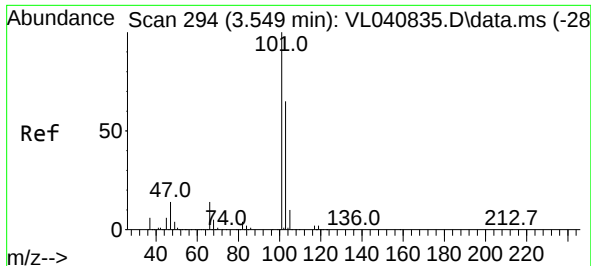
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 Ion Ratio Lower Upper
 41 100
 42 70.8 56.5 84.7



#10
 Heptane
 Concen: 10.073 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.010 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion: 43 Resp: 1230728
 Ion Ratio Lower Upper
 43 100
 57 48.5 39.4 59.0

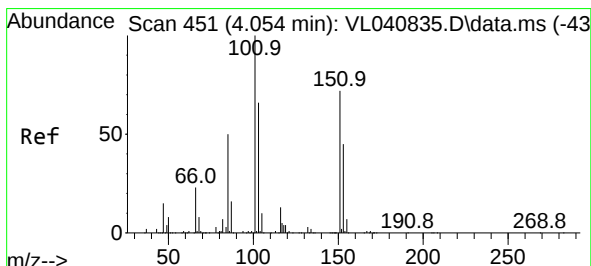
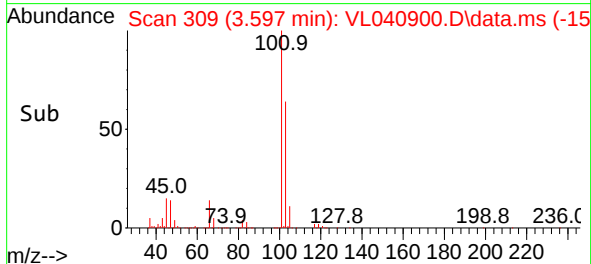
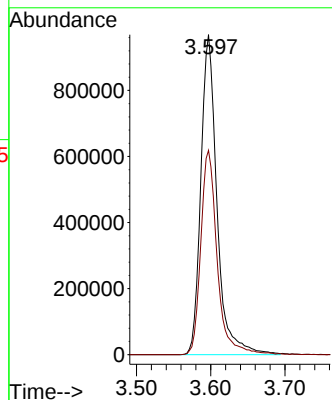
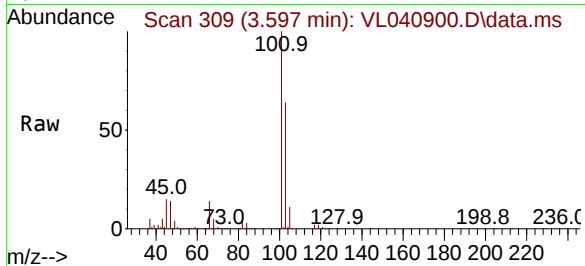




#11
 Trichlorofluoromethane
 Concen: 10.177 ppbv
 RT: 3.597 min Scan# 309
 Delta R.T. 0.003 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

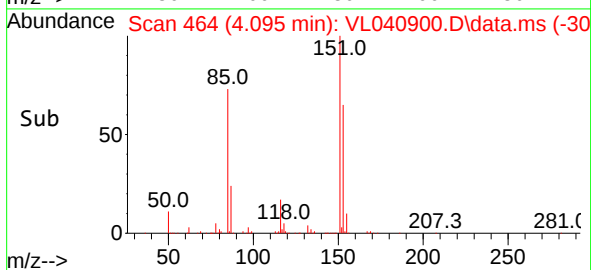
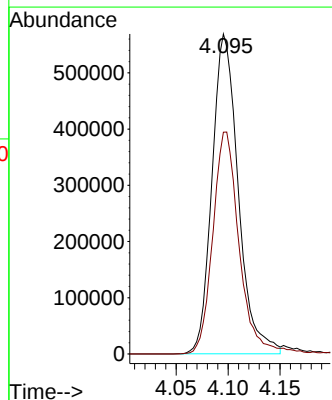
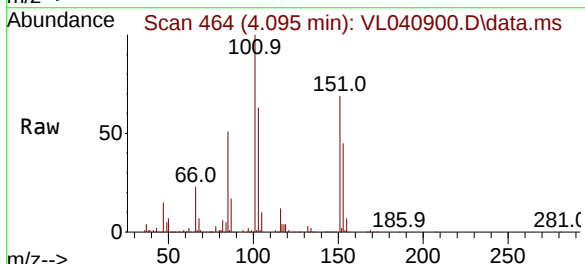
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

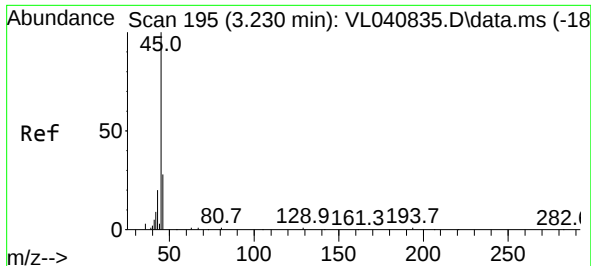
Tgt Ion:101 Resp: 1463215
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.781 ppbv
 RT: 4.095 min Scan# 464
 Delta R.T. -0.000 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion:101 Resp: 999045
 Ion Ratio Lower Upper
 101 100
 151 70.4 57.8 86.6

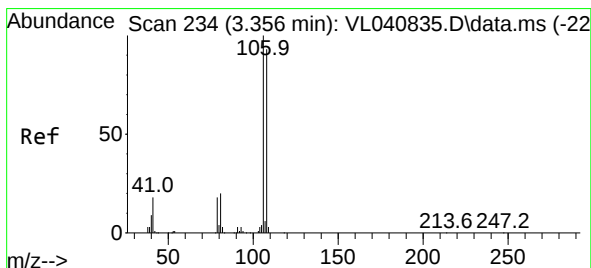
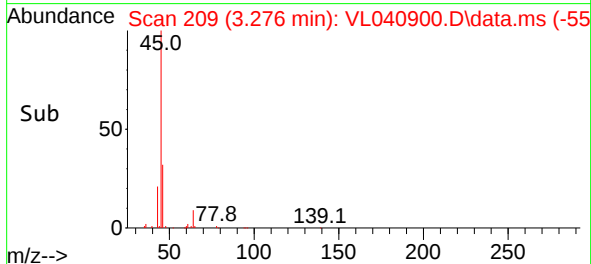
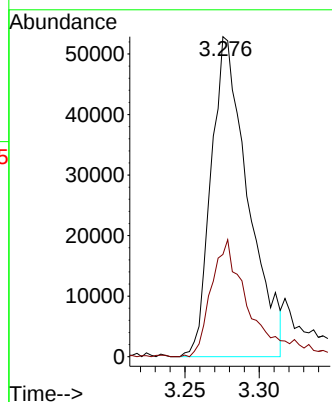
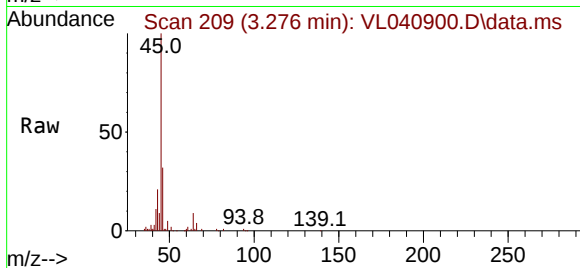




#13
Ethanol
Concen: 9.464 ppbv
RT: 3.276 min Scan# 209
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

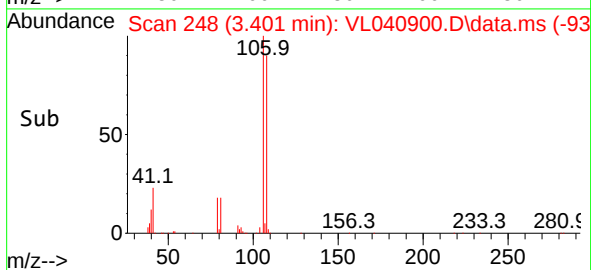
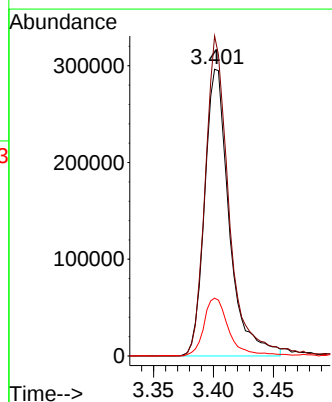
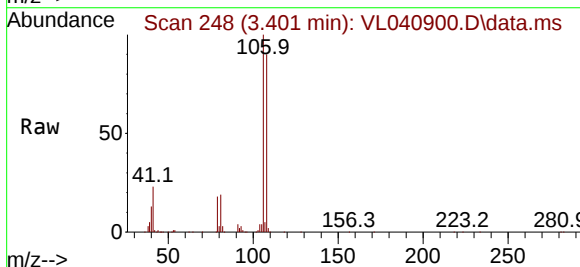
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

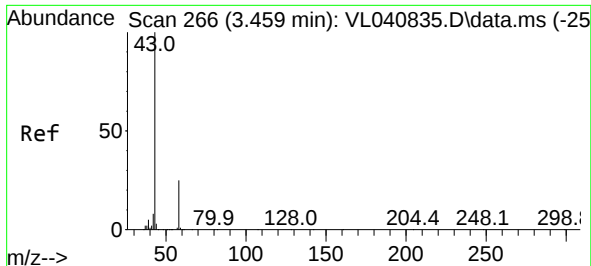
Tgt Ion: 45 Resp: 91267
Ion Ratio Lower Upper
45 100
46 39.8 0.0 0.0#



#14
Bromoethene
Concen: 10.331 ppbv
RT: 3.401 min Scan# 248
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion:108 Resp: 424435
Ion Ratio Lower Upper
108 100
106 109.6 85.4 128.2
79 21.3 16.7 25.1

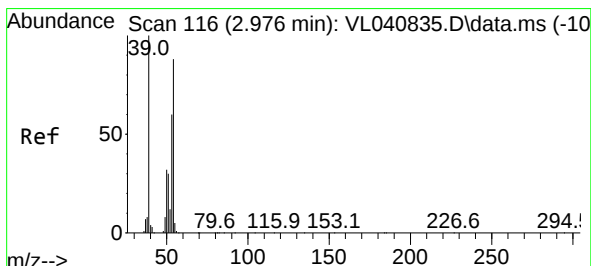
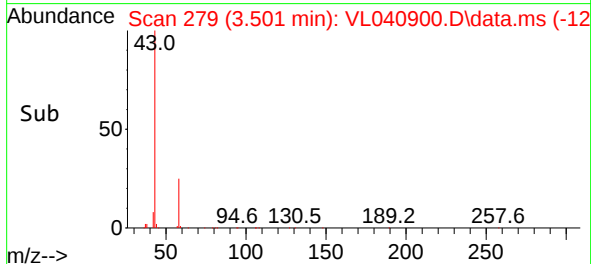
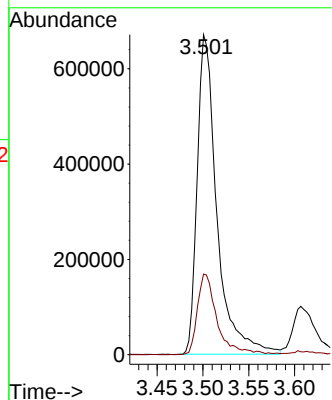
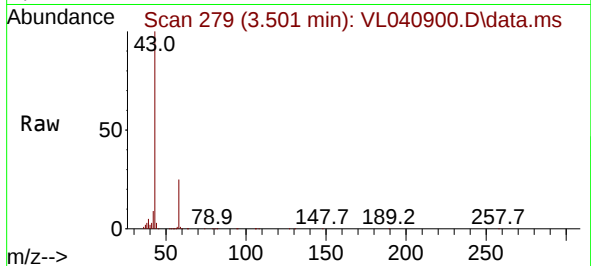




#15
Acetone
Concen: 10.199 ppbv
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

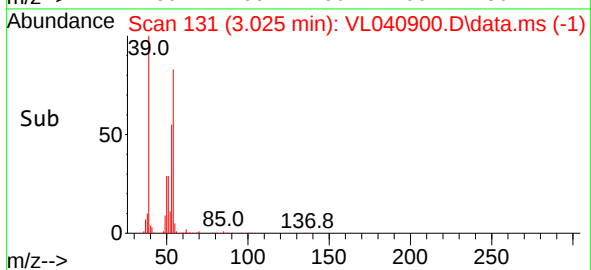
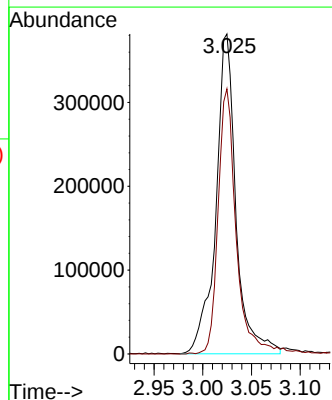
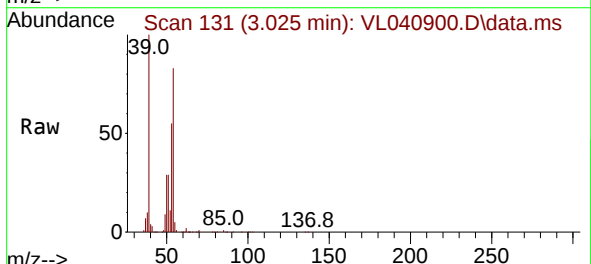
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

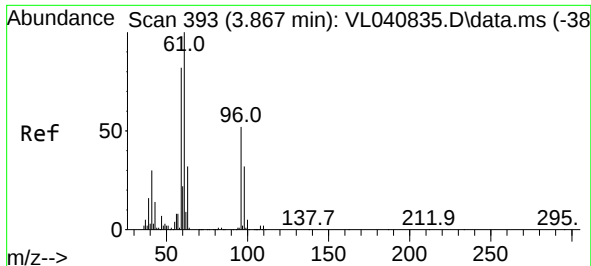
Tgt Ion: 43 Resp: 1002678
Ion Ratio Lower Upper
43 100
58 25.5 20.9 31.3



#16
1,3-Butadiene
Concen: 11.062 ppbv
RT: 3.025 min Scan# 131
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 39 Resp: 550163
Ion Ratio Lower Upper
39 100
54 75.1 61.8 92.6

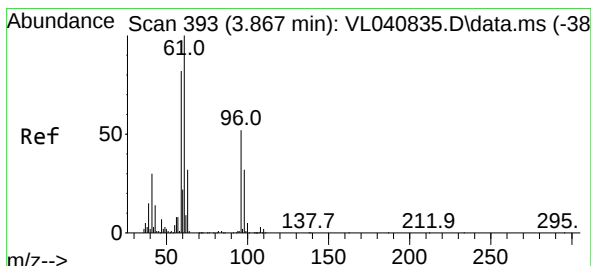
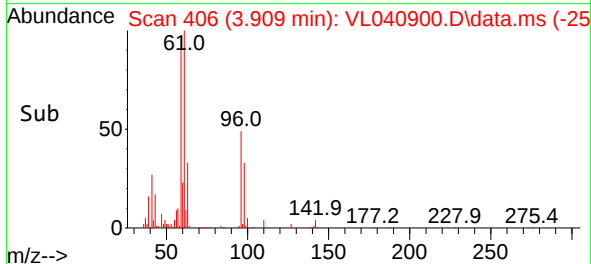
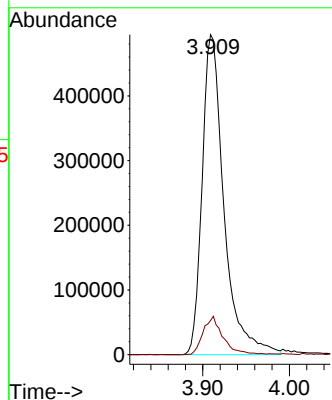
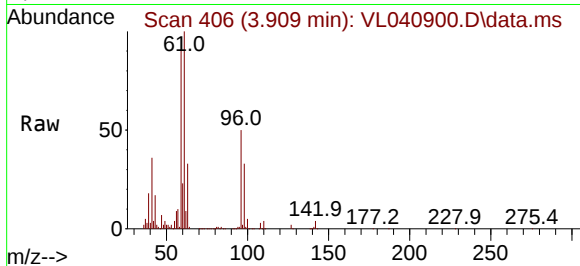




#17
tert-Butyl alcohol
Concen: 10.300 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

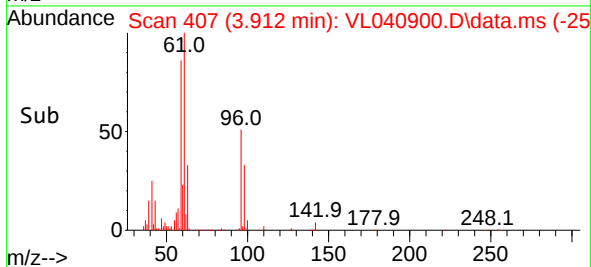
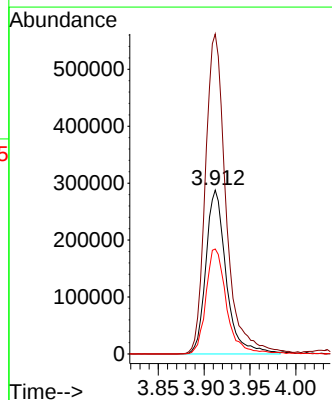
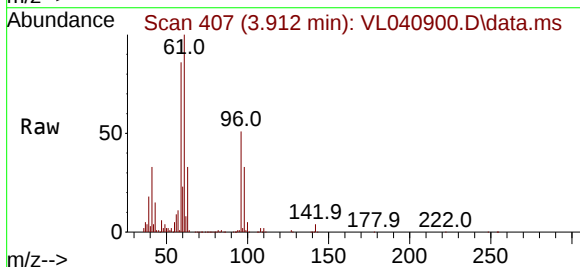
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

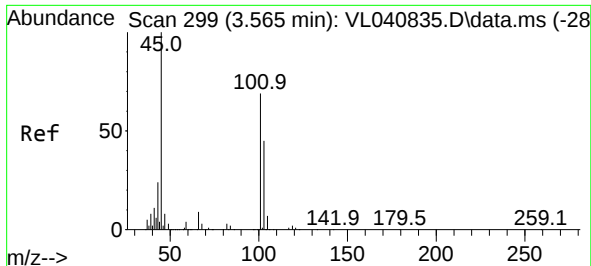
Tgt Ion: 59 Resp: 865941
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#18
1,1-Dichloroethene
Concen: 9.748 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 96 Resp: 443791
Ion Ratio Lower Upper
96 100
61 195.2 152.6 228.8
98 64.1 49.2 73.8





#19

Isopropyl Alcohol

Concen: 10.657 ppbv

RT: 3.610 min Scan# 313

Delta R.T. -0.000 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

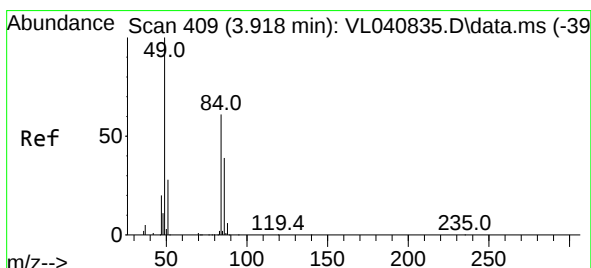
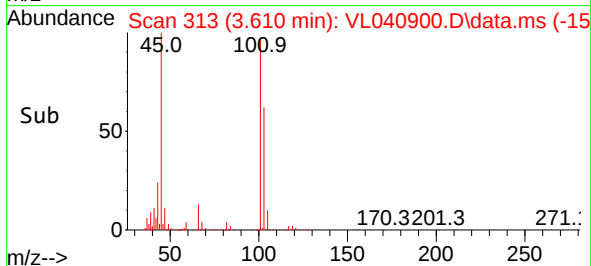
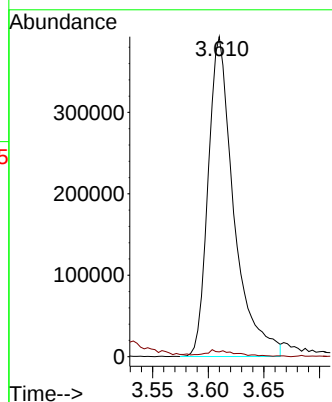
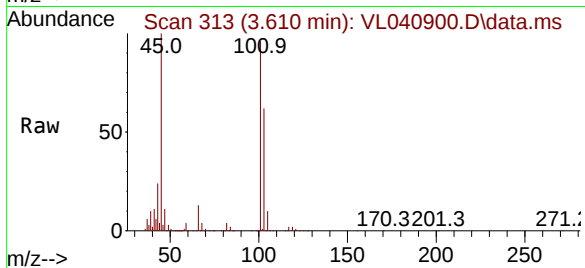
VSTDCCC010EC

Tgt Ion: 45 Resp: 630470

Ion Ratio Lower Upper

45 100

58 2.5 1.6 2.4#



#20

Methylene Chloride

Concen: 9.321 ppbv

RT: 3.964 min Scan# 423

Delta R.T. -0.000 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion: 84 Resp: 378152

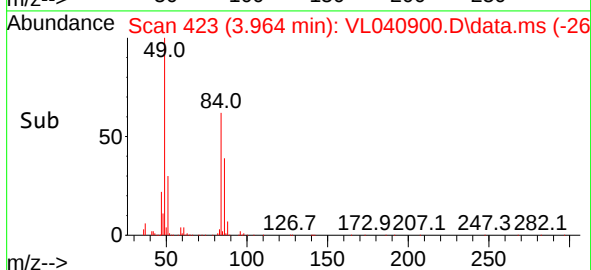
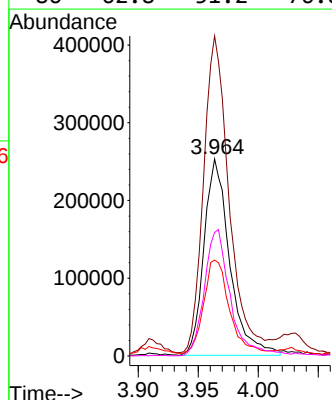
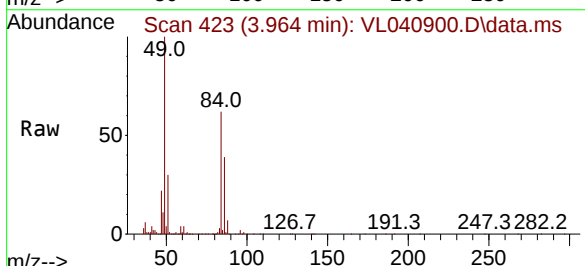
Ion Ratio Lower Upper

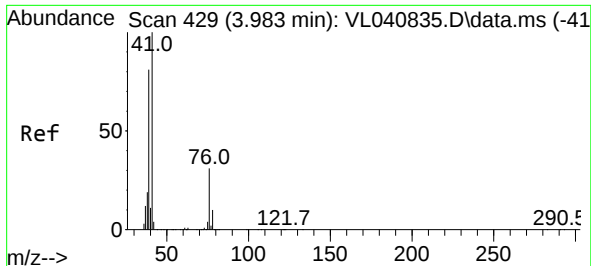
84 100

49 161.3 131.0 196.4

51 47.6 36.9 55.3

86 62.8 51.2 76.8





#21

Allyl Chloride

Concen: 10.268 ppbv

RT: 4.028 min Scan# 443

Delta R.T. 0.003 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

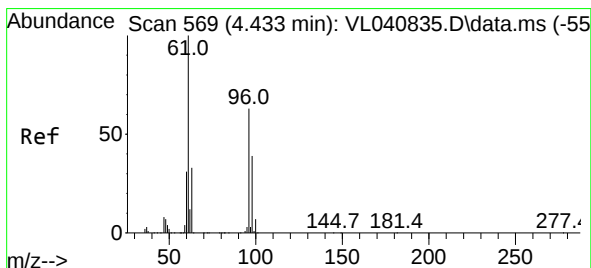
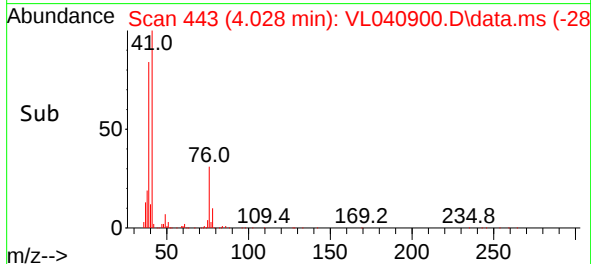
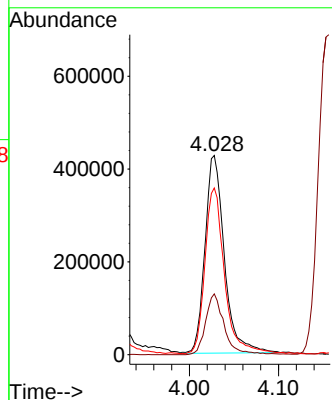
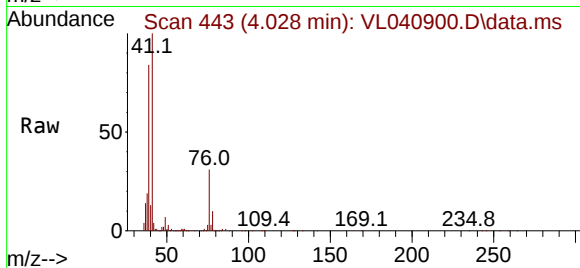
Tgt Ion: 41 Resp: 645997

Ion Ratio Lower Upper

41 100

76 29.5 24.4 36.6

39 85.8 68.1 102.1



#22

trans-1,2-Dichloroethene

Concen: 10.839 ppbv

RT: 4.472 min Scan# 581

Delta R.T. 0.003 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

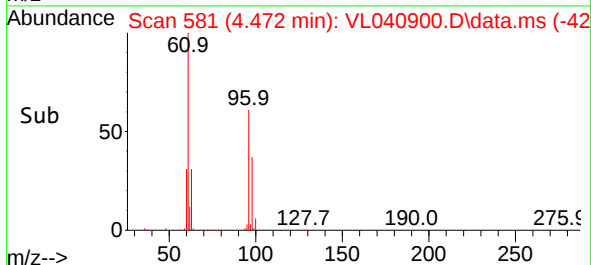
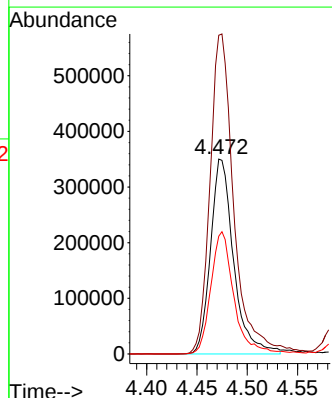
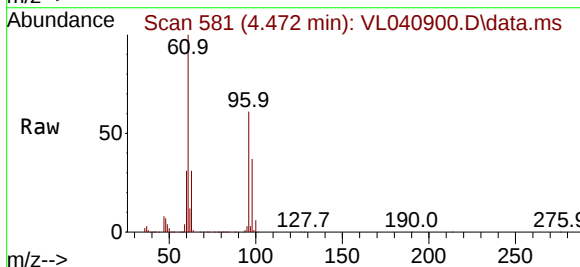
Tgt Ion: 96 Resp: 560010

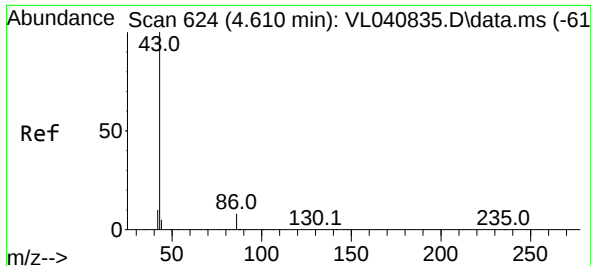
Ion Ratio Lower Upper

96 100

61 163.5 126.8 190.2

98 60.5 49.9 74.9



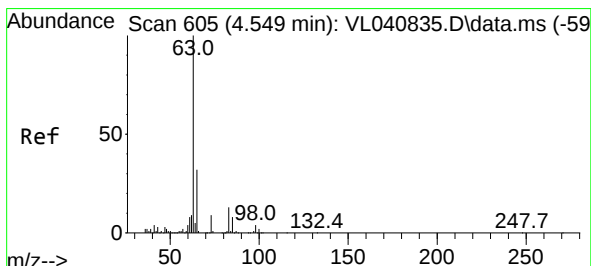
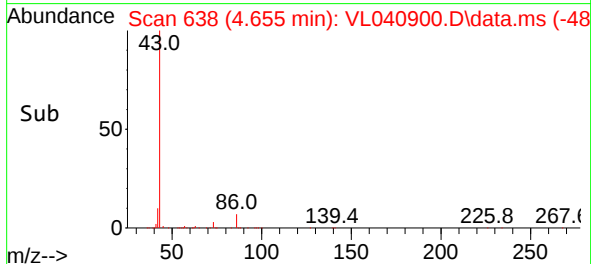
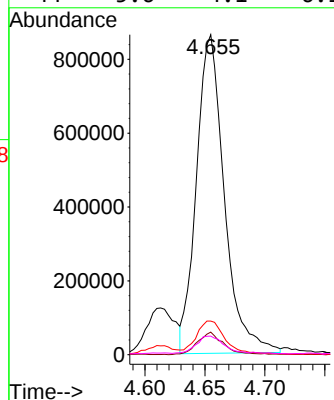
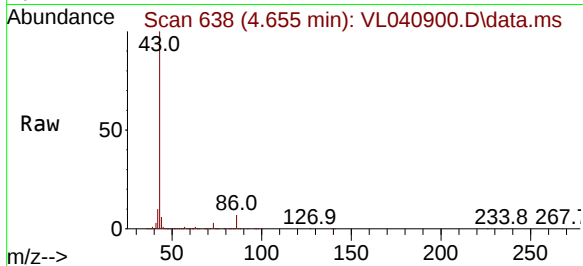


#23
 Vinyl Acetate
 Concen: 11.023 ppbv
 RT: 4.655 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 1399290

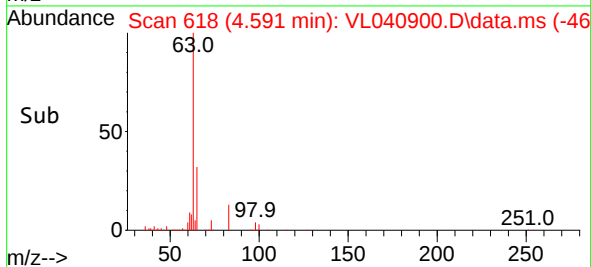
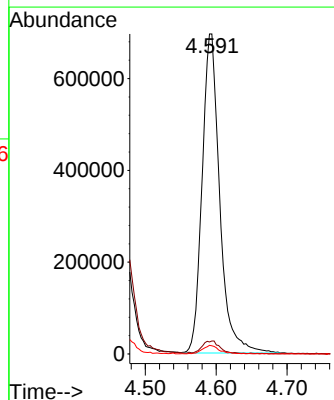
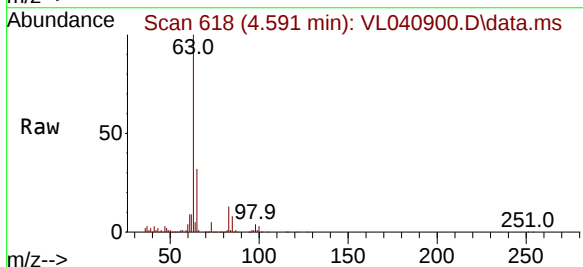
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.5	8.3
42	10.4	8.2	12.2
44	5.6	4.1	6.1

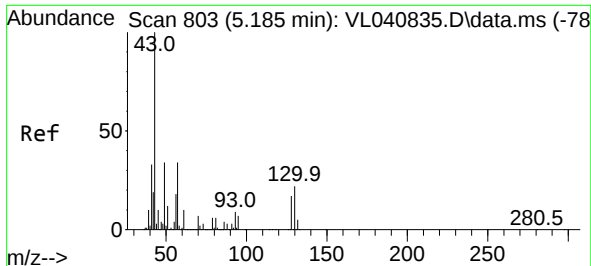


#24
 1,1-Dichloroethane
 Concen: 10.600 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion: 63 Resp: 1199316

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.2	6.6
100	2.7	1.0	3.0



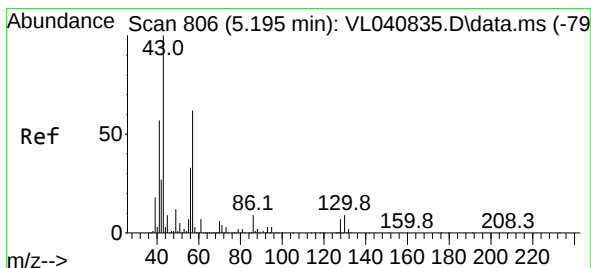
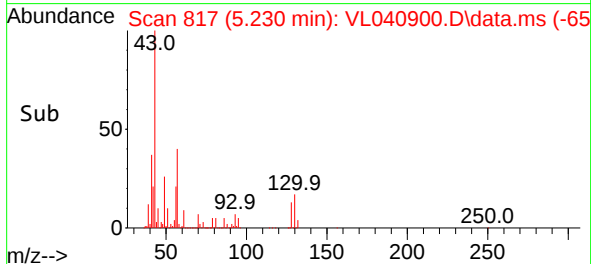
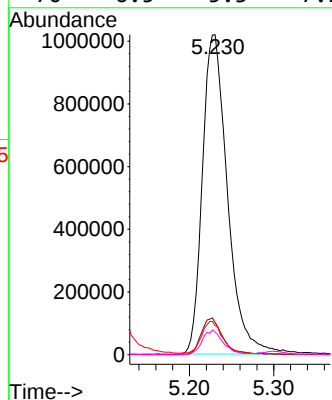
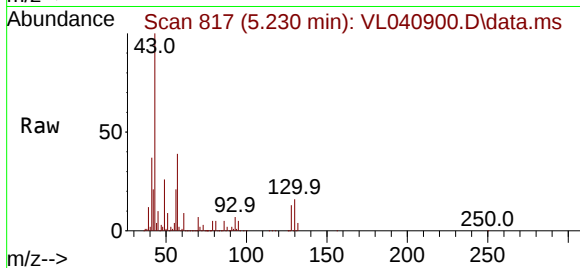


#25
Ethyl Acetate
Concen: 10.331 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2102818

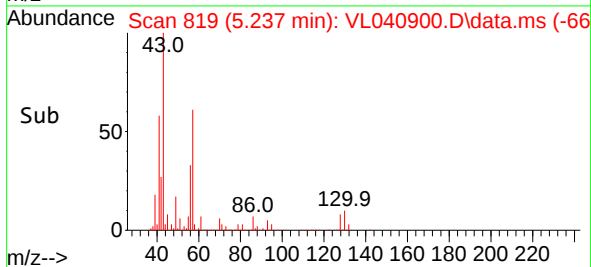
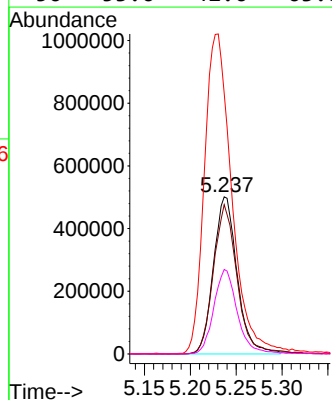
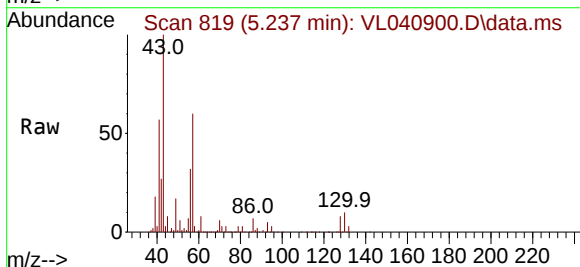
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.6	7.8	11.6
70	6.5	5.3	7.9

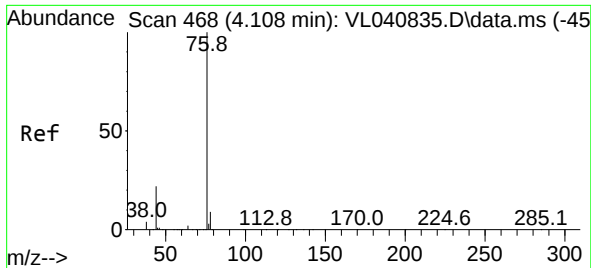


#26
Hexane
Concen: 10.012 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 57 Resp: 901994

Ion	Ratio	Lower	Upper
57	100		
41	95.7	75.4	113.0
43	237.1	185.9	278.9
56	53.6	42.6	63.8

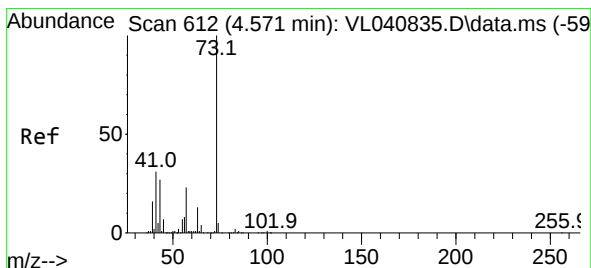
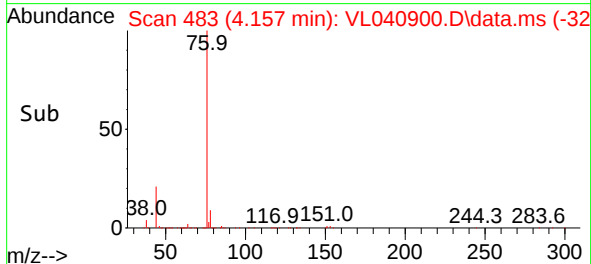
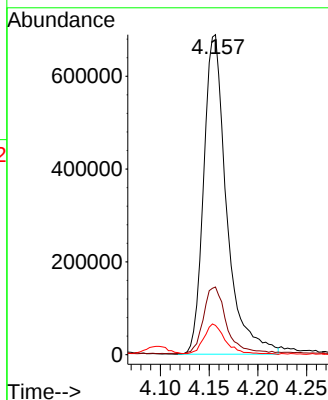
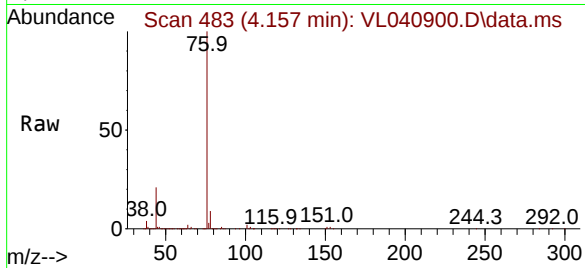




#27
Carbon Disulfide
Concen: 9.879 ppbv
RT: 4.157 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

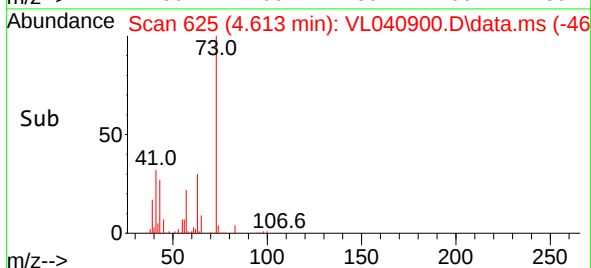
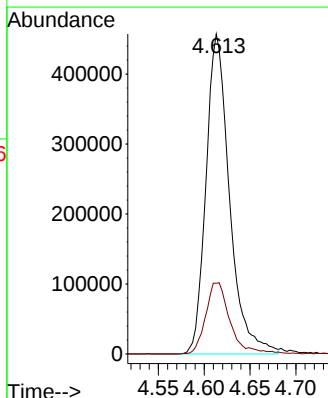
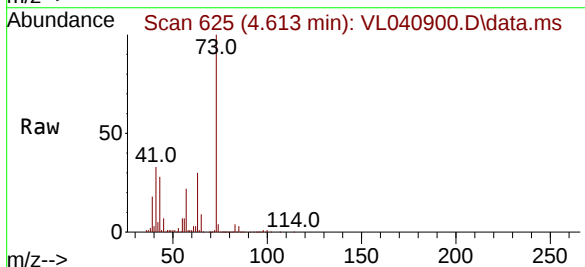
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

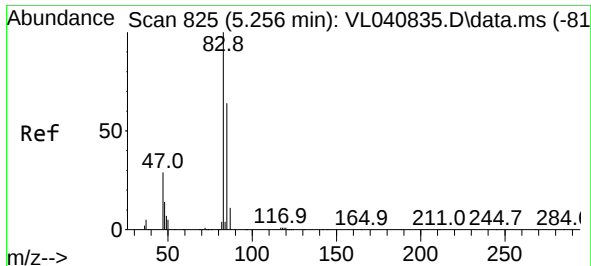
Tgt Ion: 76 Resp: 1128631
Ion Ratio Lower Upper
76 100
44 21.5 16.7 25.1
78 9.7 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 10.020 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 73 Resp: 816399
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#29

Chloroform

Concen: 10.112 ppbv

RT: 5.301 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

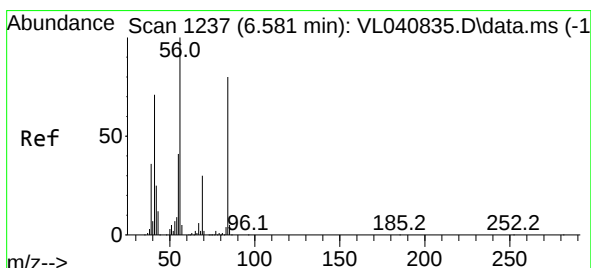
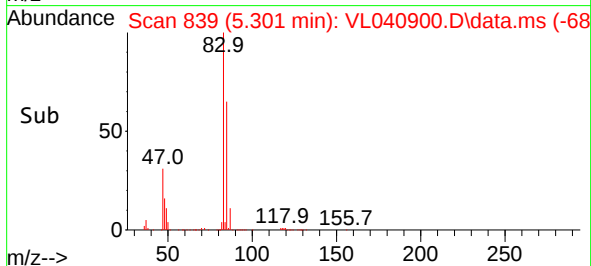
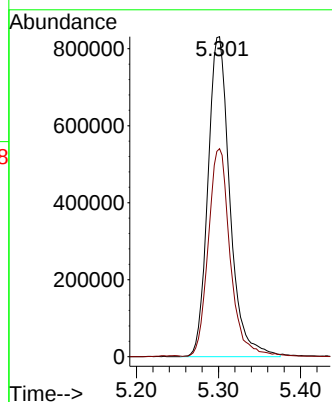
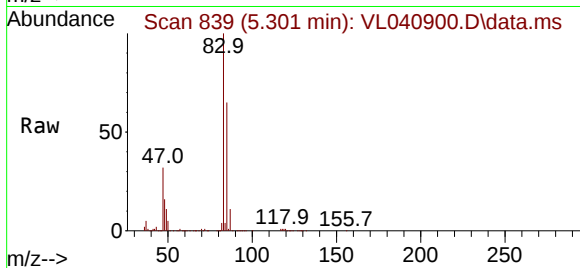
VSTDCCC010EC

Tgt Ion: 83 Resp: 1544015

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0



#30

Cyclohexane

Concen: 9.331 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

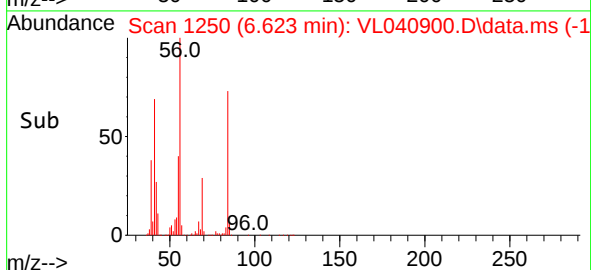
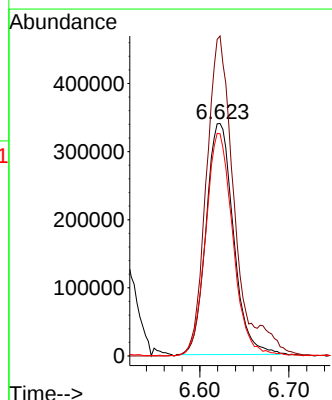
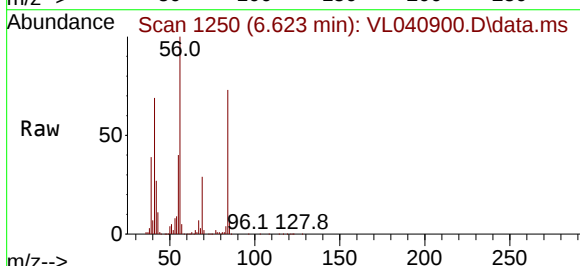
Tgt Ion: 84 Resp: 723196

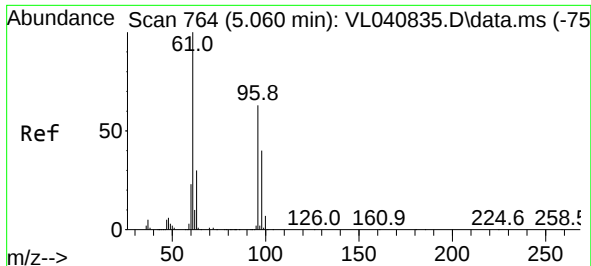
Ion Ratio Lower Upper

84 100

56 143.3 109.3 163.9

41 96.8 71.4 107.2

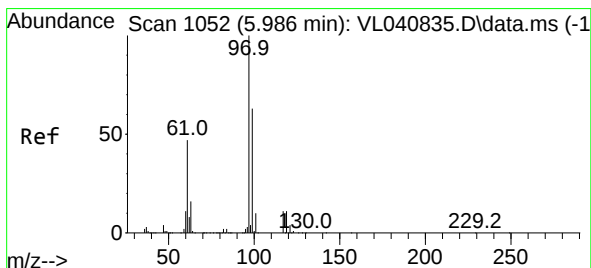
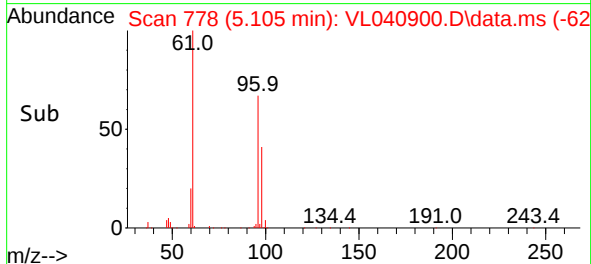
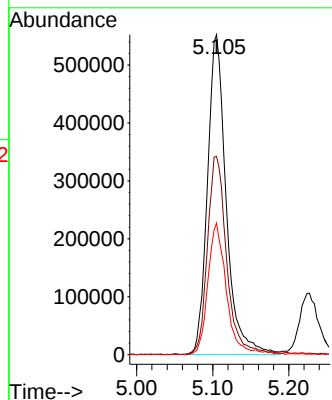
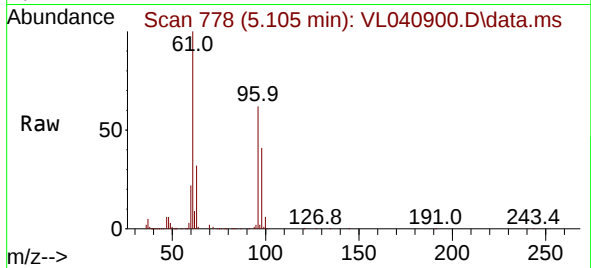




#31
 cis-1,2-Dichloroethene
 Concen: 10.602 ppbv
 RT: 5.105 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

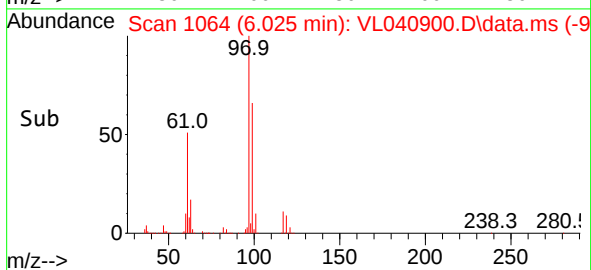
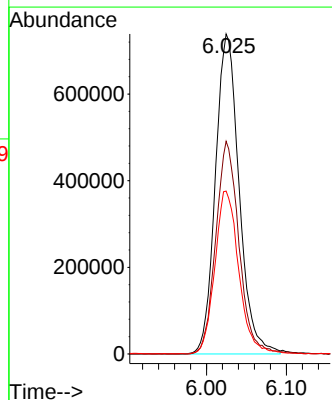
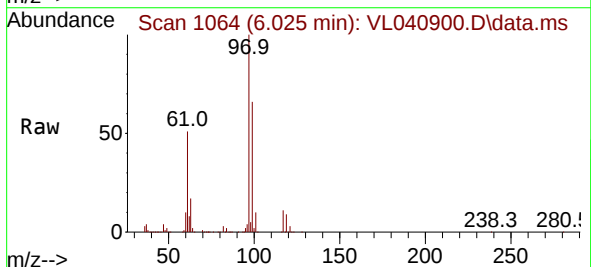
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

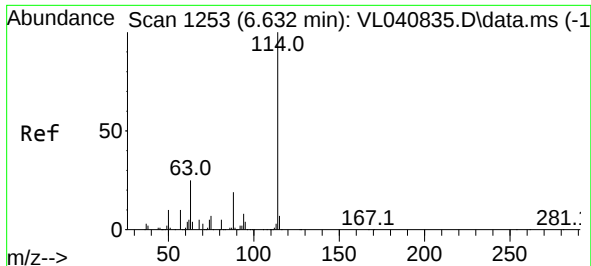
Tgt Ion: 61 Resp: 945186
 Ion Ratio Lower Upper
 61 100
 96 61.9 50.5 75.7
 98 41.2 31.9 47.9



#32
 1,1,1-Trichloroethane
 Concen: 10.663 ppbv
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.006 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion: 97 Resp: 1519044
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.2 78.4
 61 51.8 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

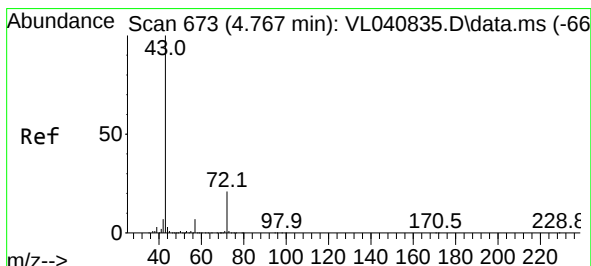
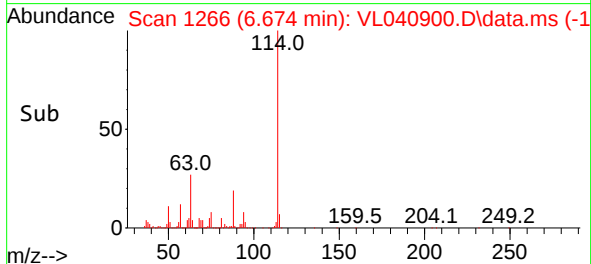
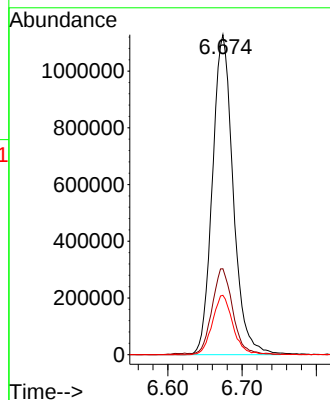
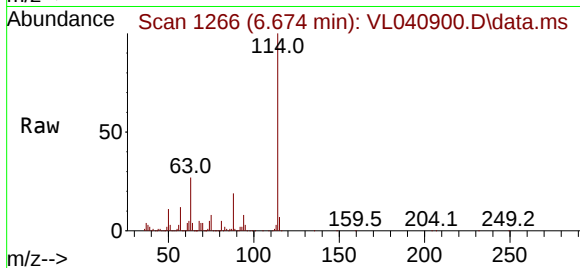
Tgt Ion:114 Resp: 2191854

Ion Ratio Lower Upper

114 100

63 27.4 20.9 31.3

88 18.5 14.3 21.5



#34

2-Butanone

Concen: 11.763 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.006 min

Lab File: VL040900.D

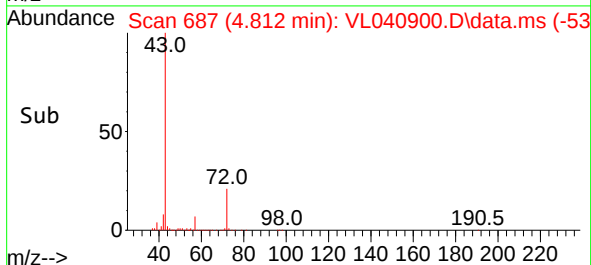
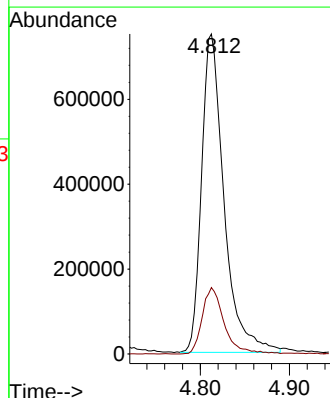
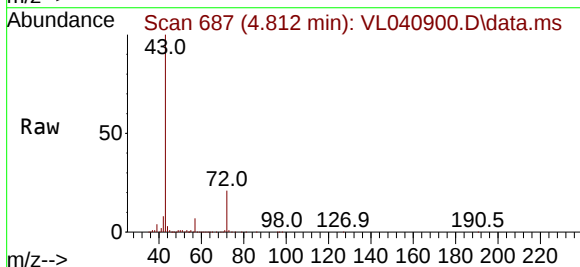
Acq: 17 Nov 2023 18:25

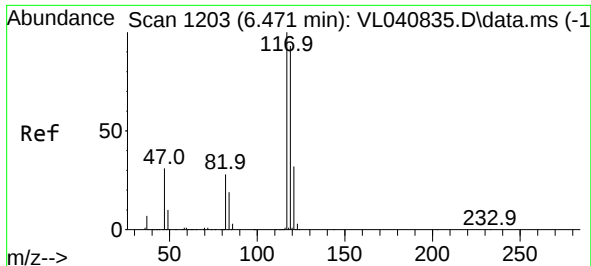
Tgt Ion: 43 Resp: 1313506

Ion Ratio Lower Upper

43 100

72 20.6 17.2 25.8

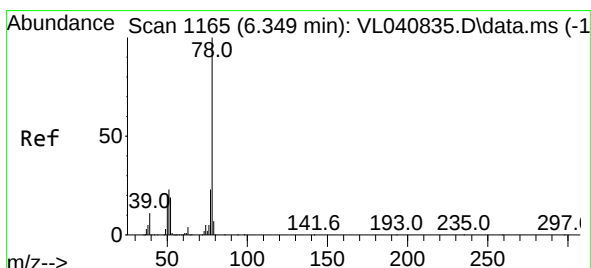
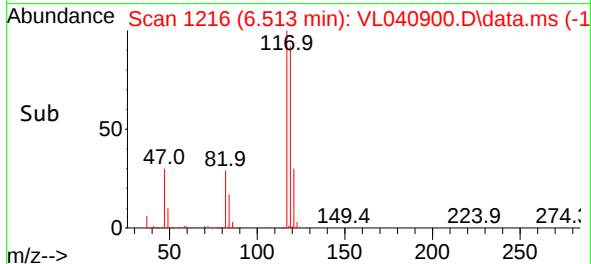
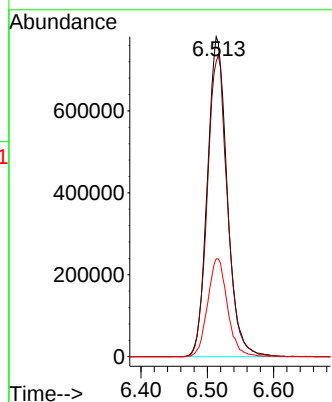
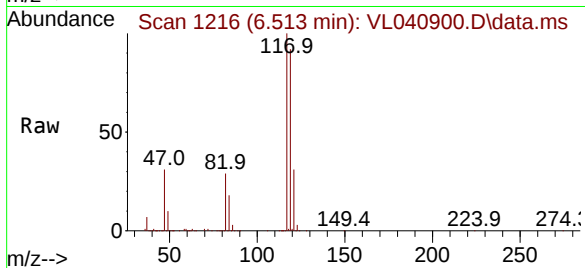




#35
Carbon Tetrachloride
Concen: 12.045 ppbv
RT: 6.513 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

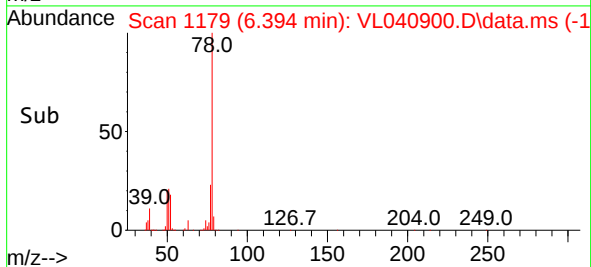
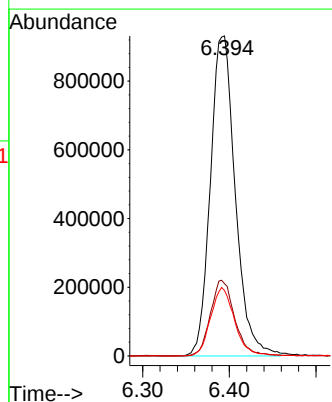
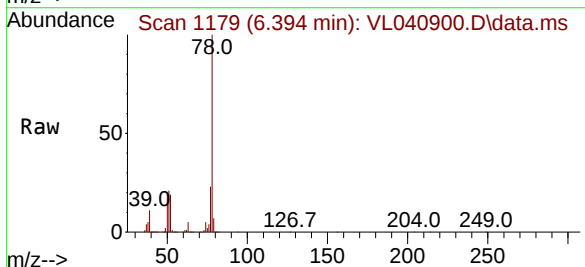
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

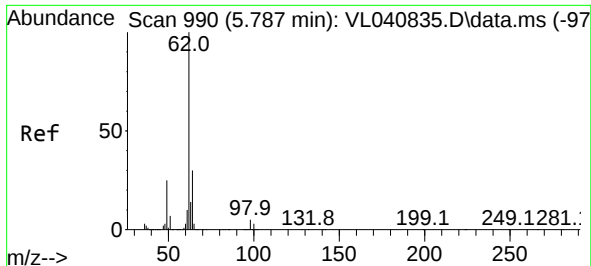
Tgt Ion:117 Resp: 1619761
Ion Ratio Lower Upper
117 100
119 92.2 74.7 112.1
121 30.6 25.5 38.3



#36
Benzene
Concen: 10.458 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 78 Resp: 1860409
Ion Ratio Lower Upper
78 100
77 22.5 18.4 27.6
50 20.4 16.2 24.2





#37

1,2-Dichloroethane

Concen: 11.411 ppbv

RT: 5.828 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

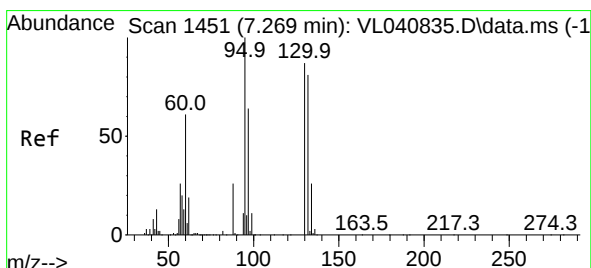
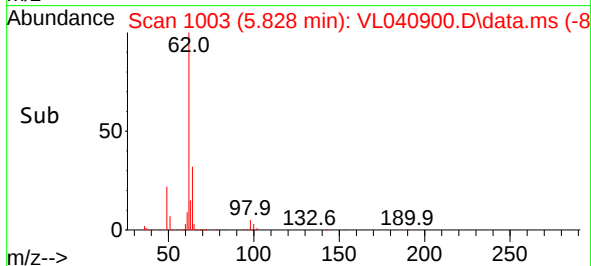
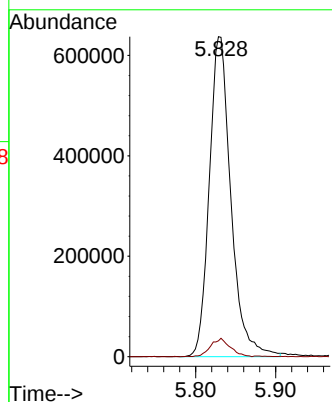
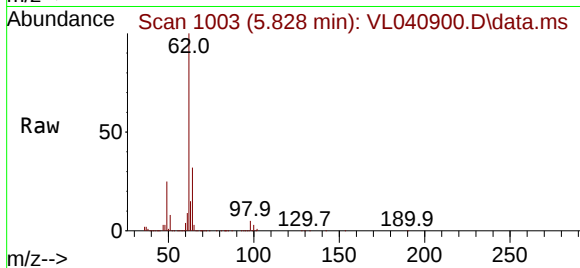
VSTDCCC010EC

Tgt Ion: 62 Resp: 1197171

Ion Ratio Lower Upper

62 100

98 5.4 4.6 6.8



#38

Trichloroethene

Concen: 10.328 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.013 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion:130 Resp: 714160

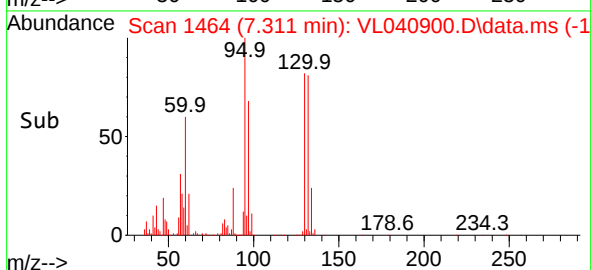
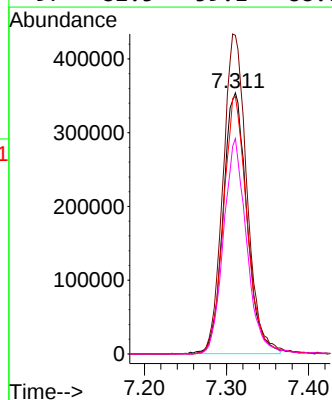
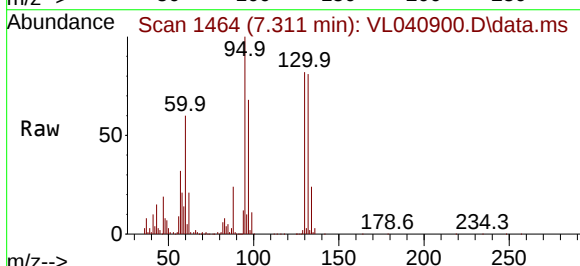
Ion Ratio Lower Upper

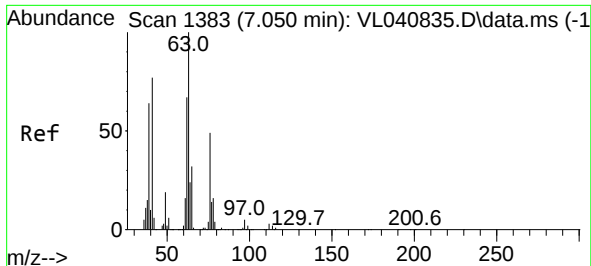
130 100

95 122.1 92.4 138.6

132 98.6 75.1 112.7

97 82.5 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.367 ppbv

RT: 7.092 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

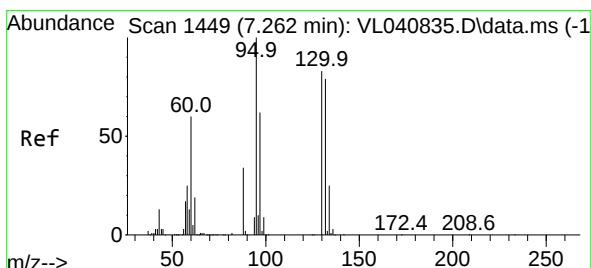
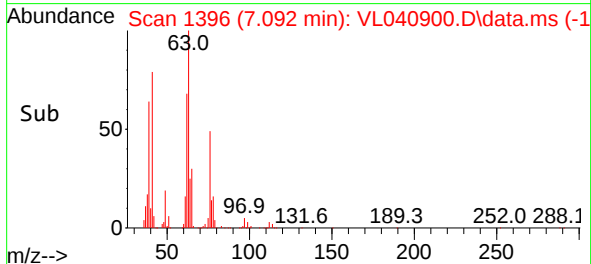
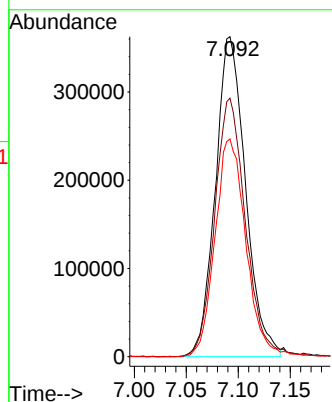
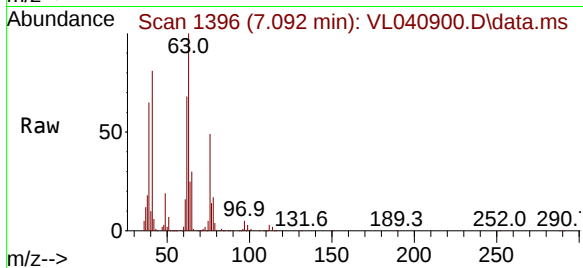
Tgt Ion: 63 Resp: 731212

Ion Ratio Lower Upper

63 100

41 80.7 61.5 92.3

62 67.9 53.9 80.9



#40

1,4-Dioxane

Concen: 10.586 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.013 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion: 88 Resp: 296255

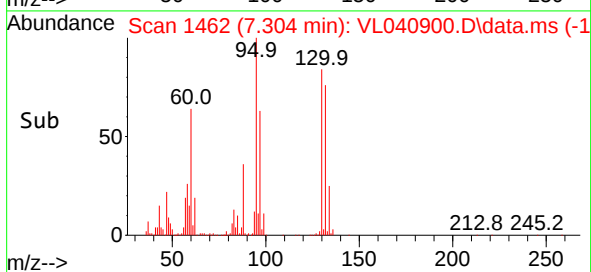
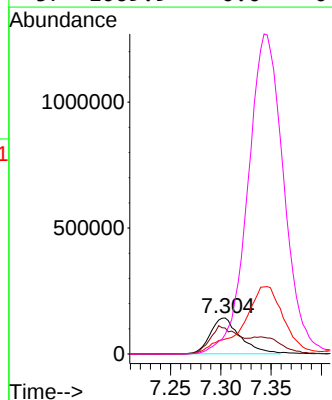
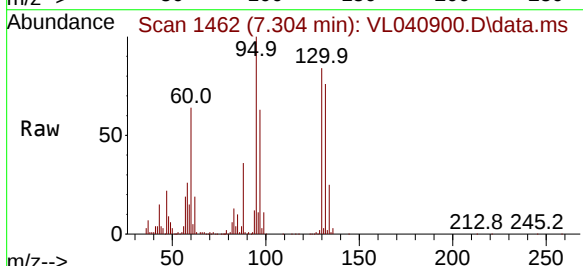
Ion Ratio Lower Upper

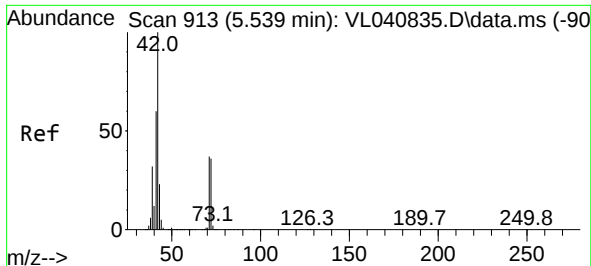
88 100

58 124.2 101.0 151.6

43 257.0 0.0 0.0#

57 1069.9 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.301 ppbv

RT: 5.578 min Scan# 913

Delta R.T. 0.003 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

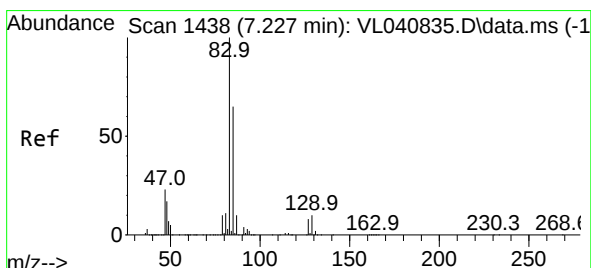
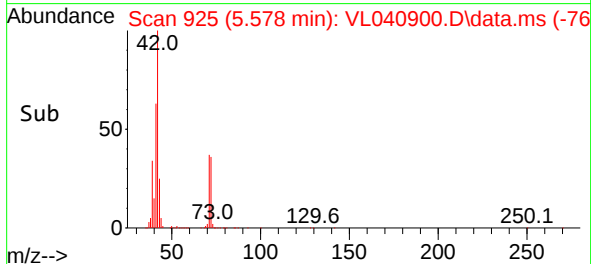
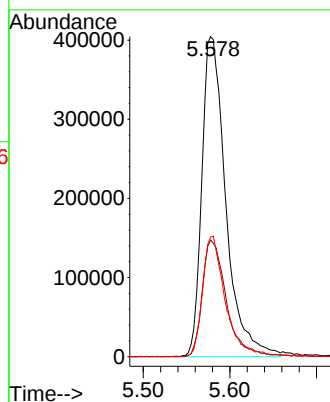
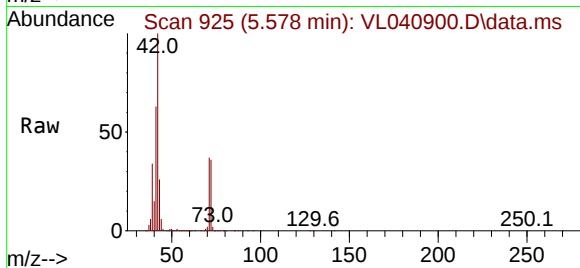
Tgt Ion: 42 Resp: 776923

Ion Ratio Lower Upper

42 100

72 36.9 30.8 46.2

71 36.2 30.0 45.0



#42

Bromodichloromethane

Concen: 11.425 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

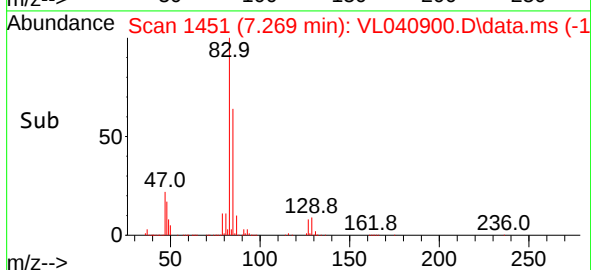
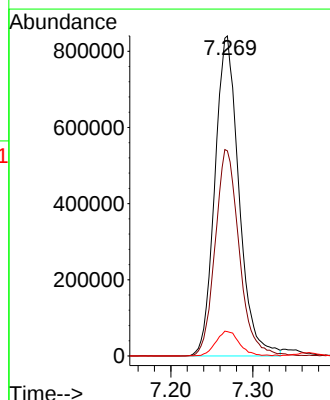
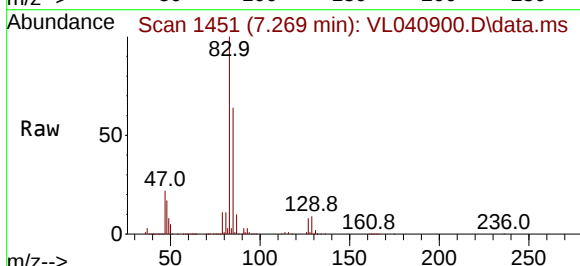
Tgt Ion: 83 Resp: 1715366

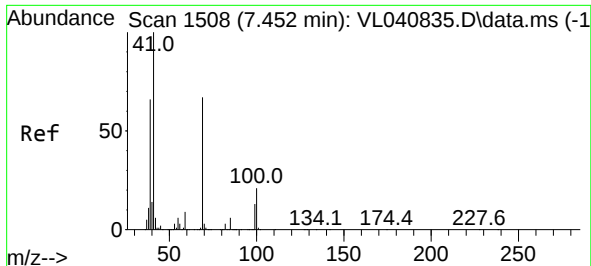
Ion Ratio Lower Upper

83 100

85 64.1 52.3 78.5

127 7.6 6.6 10.0

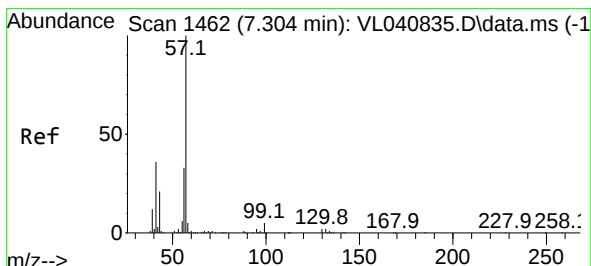
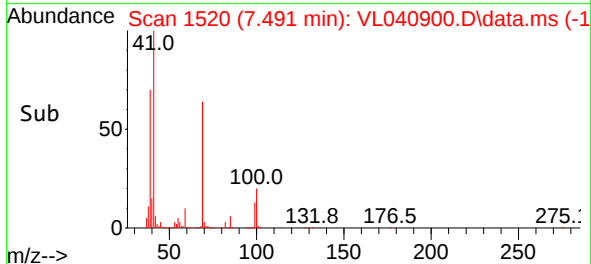
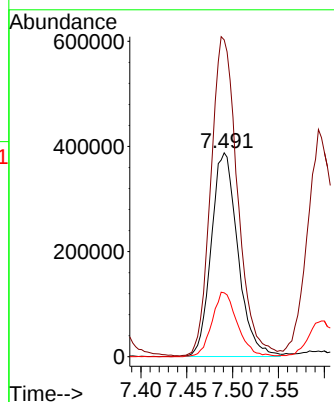
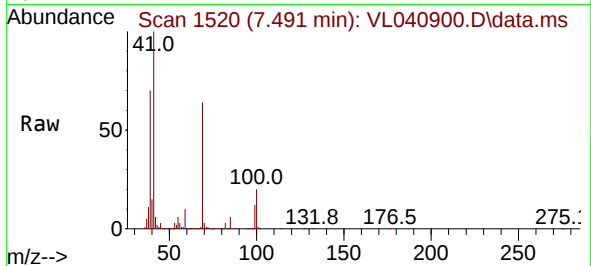




#43
Methyl Methacrylate
Concen: 11.524 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

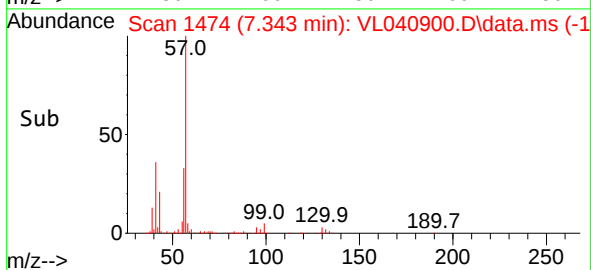
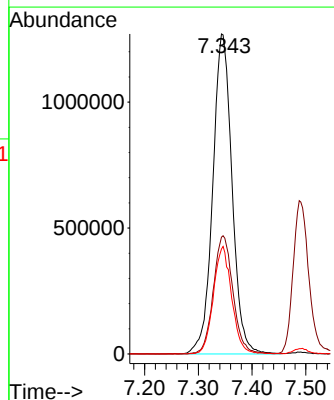
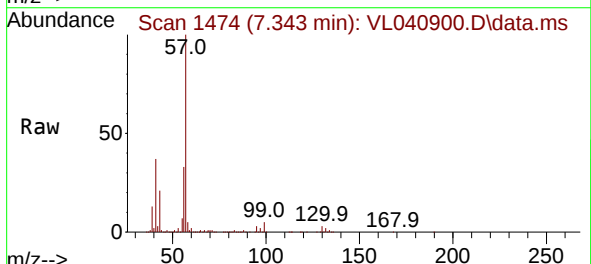
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

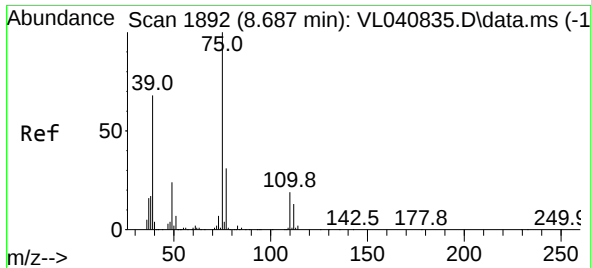
Tgt Ion: 69 Resp: 781220
Ion Ratio Lower Upper
69 100
41 157.4 123.0 184.4
100 30.3 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.724 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 57 Resp: 3168850
Ion Ratio Lower Upper
57 100
41 37.3 29.0 43.6
56 31.9 25.2 37.8

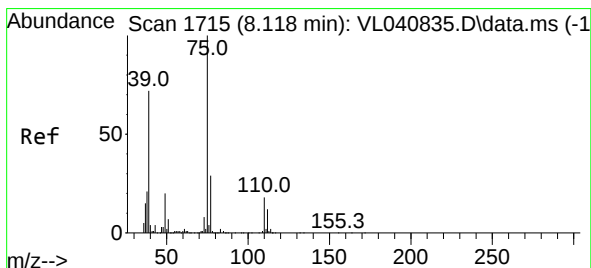
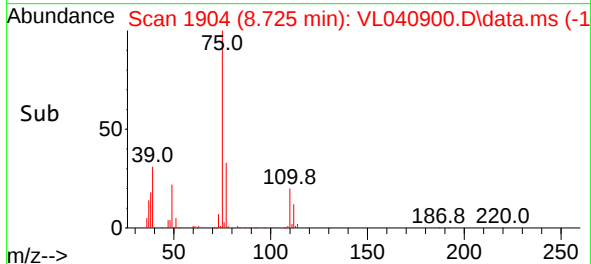
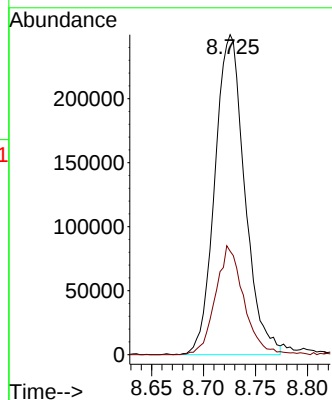
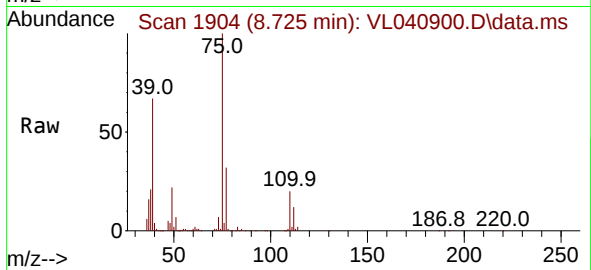




#45
 t-1,3-Dichloropropene
 Concen: 12.559 ppbv
 RT: 8.725 min Scan# 1904
 Delta R.T. 0.016 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

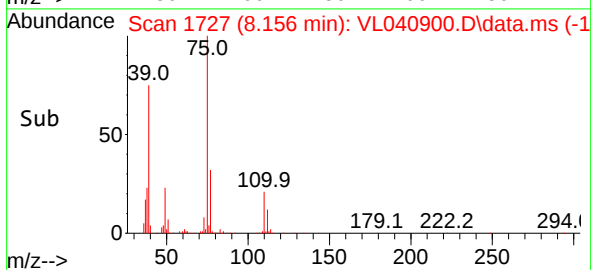
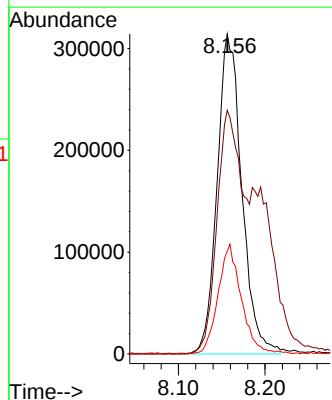
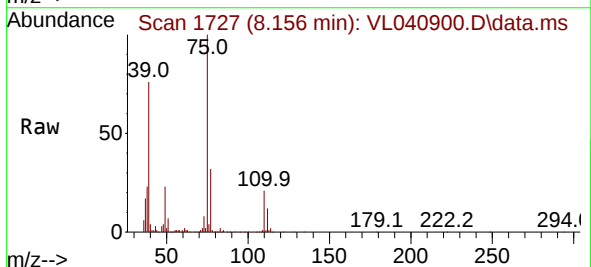
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

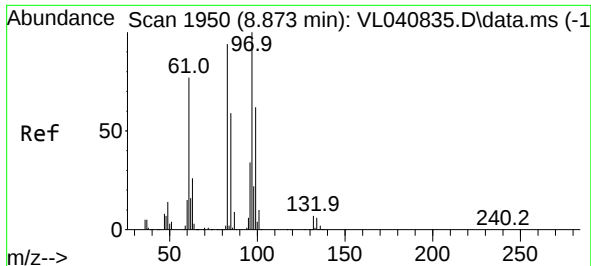
Tgt Ion: 75 Resp: 500285
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 12.042 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.010 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion: 75 Resp: 621966
 Ion Ratio Lower Upper
 75 100
 39 75.9 57.3 85.9
 77 32.1 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 10.644 ppbv

RT: 8.912 min Scan# 1950

Delta R.T. 0.013 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 786702

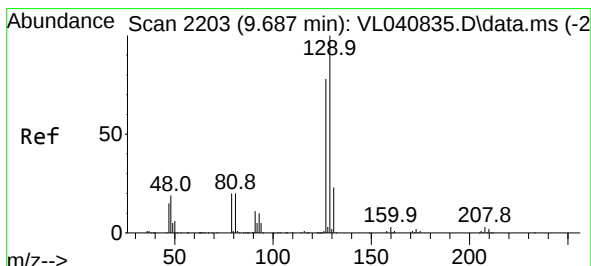
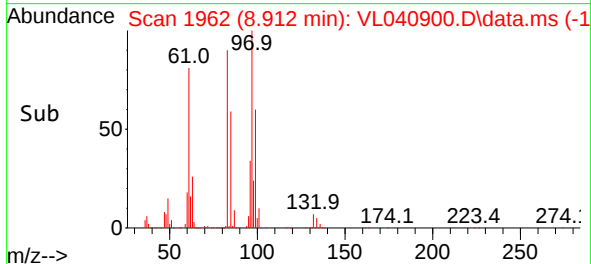
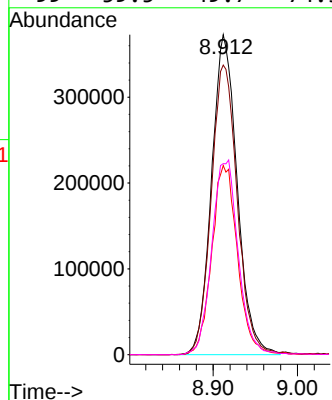
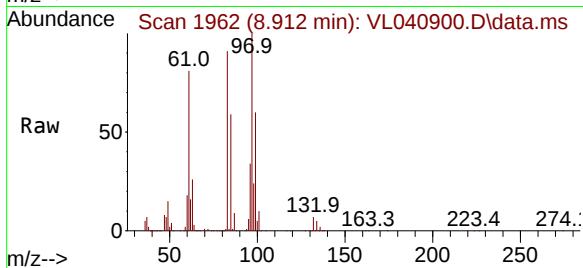
Ion Ratio Lower Upper

97 100

83 90.4 74.8 112.2

85 59.0 47.4 71.0

99 59.5 49.7 74.5



#48

Dibromochloromethane

Concen: 11.242 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.013 min

Lab File: VL040900.D

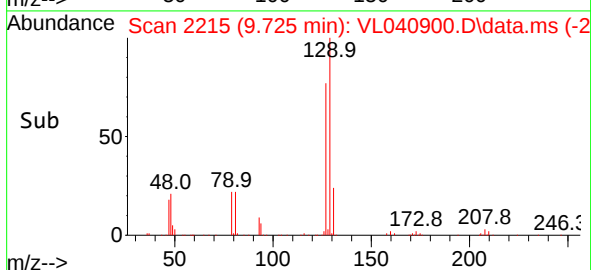
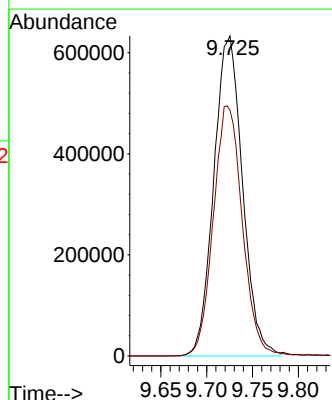
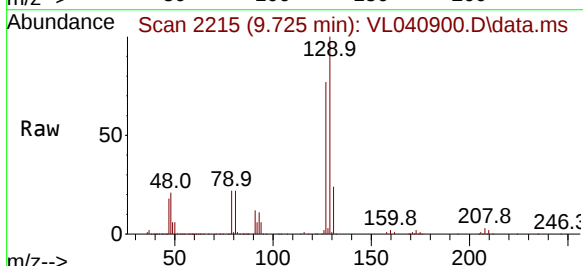
Acq: 17 Nov 2023 18:25

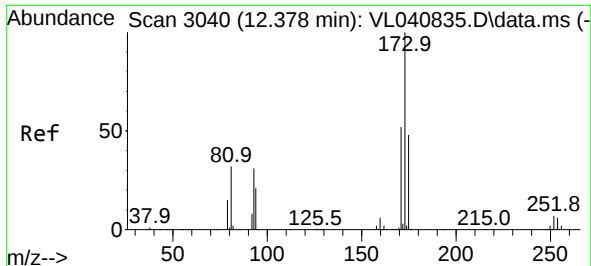
Tgt Ion: 129 Resp: 1378699

Ion Ratio Lower Upper

129 100

127 79.3 39.3 117.9

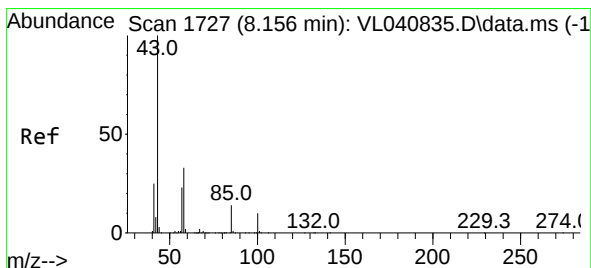
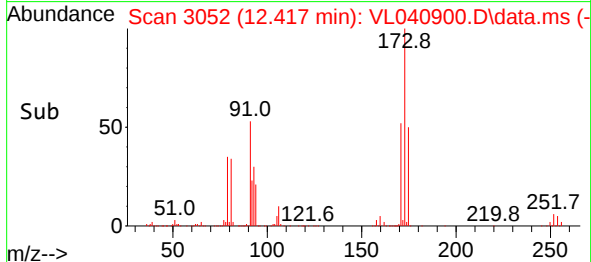
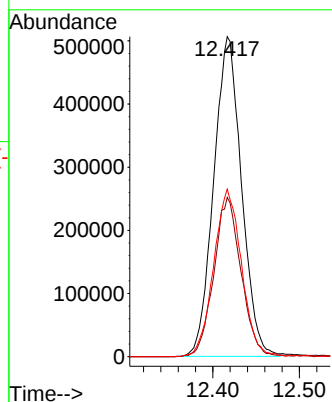
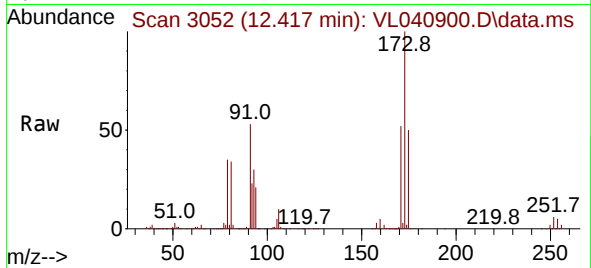




#49
Bromoform
Concen: 12.237 ppbv
RT: 12.417 min Scan# 3040
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

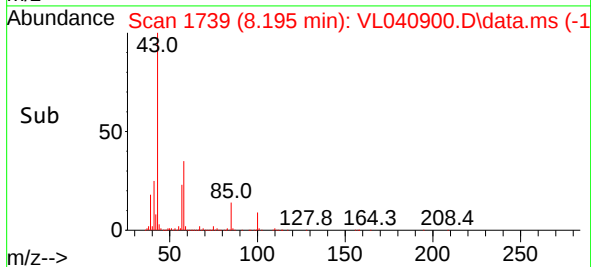
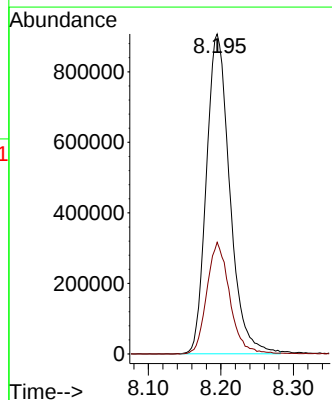
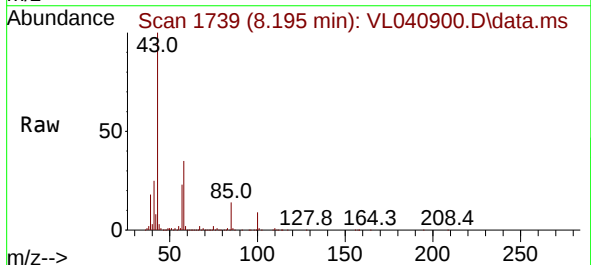
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

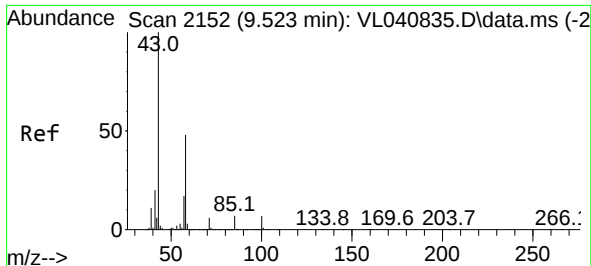
Tgt Ion:173 Resp: 1128749
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
171 52.8 41.8 62.6



#50
4-Methyl-2-Pentanone
Concen: 11.775 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 43 Resp: 2034729
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.6

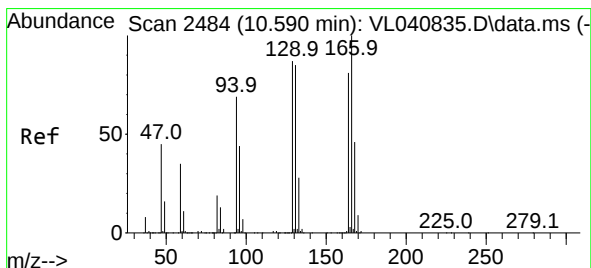
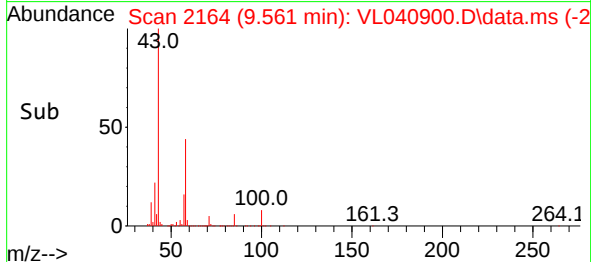
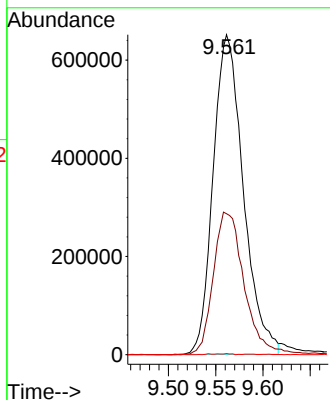
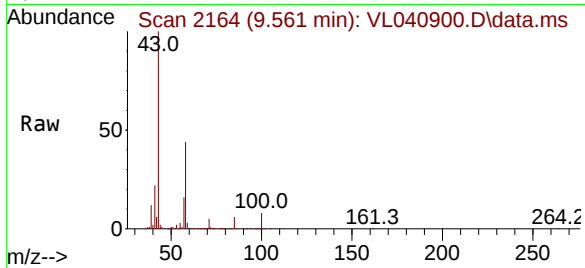




#51
2-Hexanone
Concen: 11.854 ppbv
RT: 9.561 min Scan# 2152
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

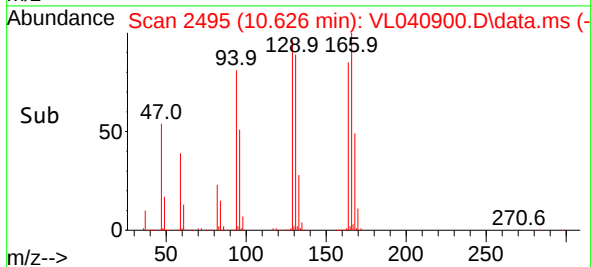
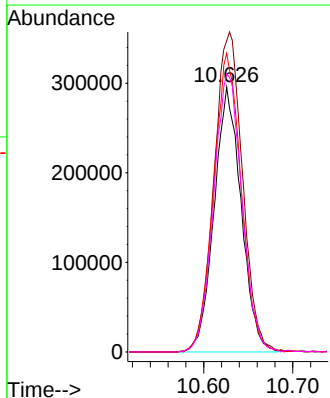
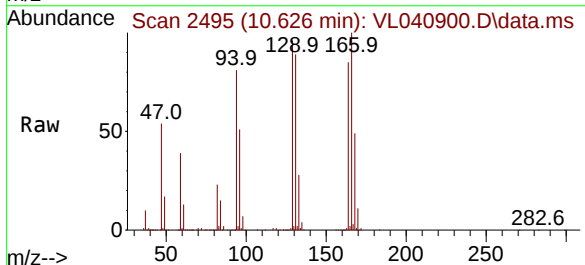
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

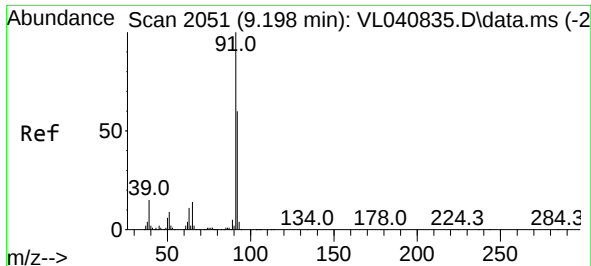
Tgt Ion: 43 Resp: 1443921
Ion Ratio Lower Upper
43 100
58 46.1 37.4 56.2
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.383 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion:164 Resp: 621993
Ion Ratio Lower Upper
164 100
166 117.4 98.3 147.5
129 112.8 85.1 127.7
131 105.0 83.8 125.6

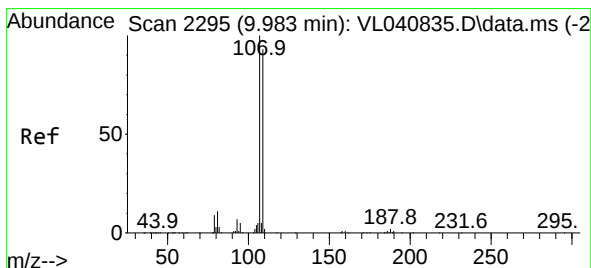
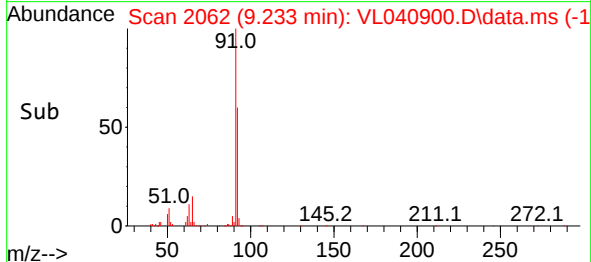
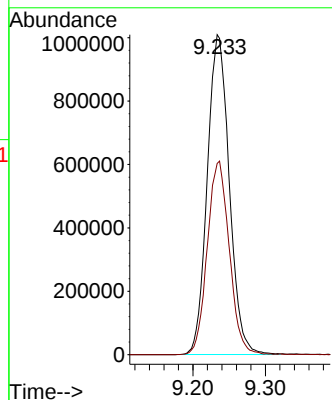
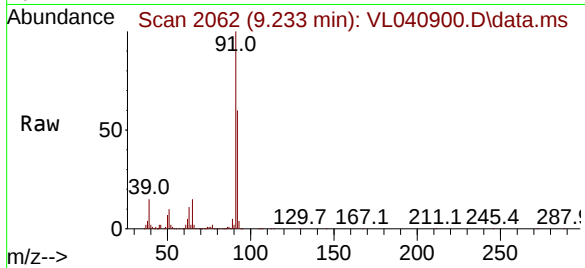




#53
Toluene
Concen: 10.878 ppbv
RT: 9.233 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

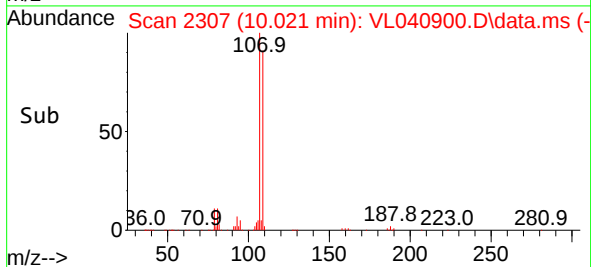
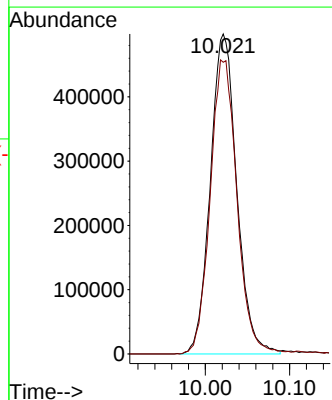
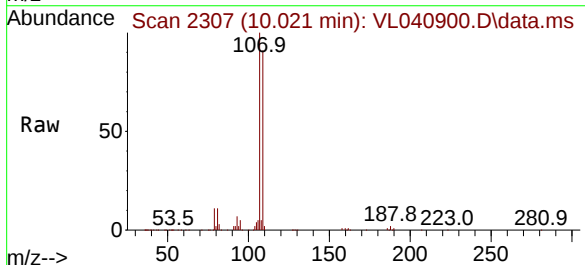
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

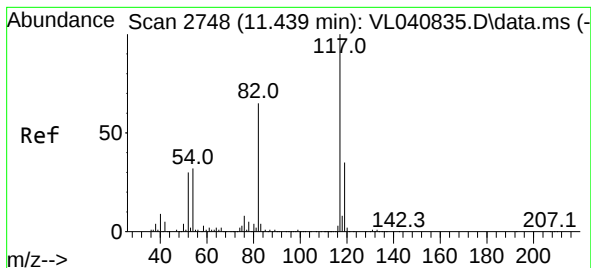
Tgt Ion: 91 Resp: 2129493
Ion Ratio Lower Upper
91 100
92 60.7 49.4 74.2



#54
1,2-Dibromoethane
Concen: 11.395 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 107 Resp: 1083793
Ion Ratio Lower Upper
107 100
109 91.1 74.5 111.7

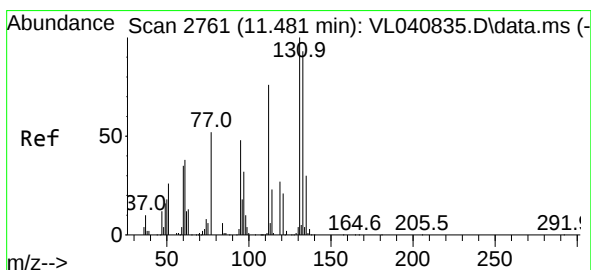
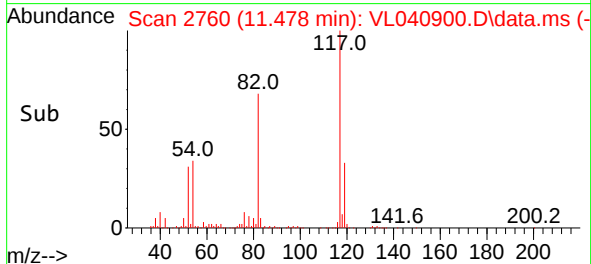
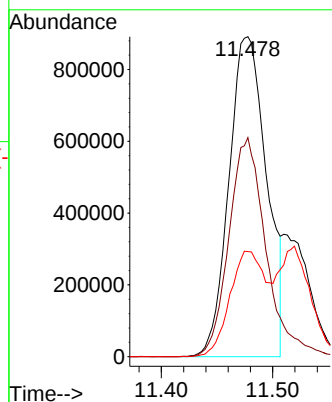
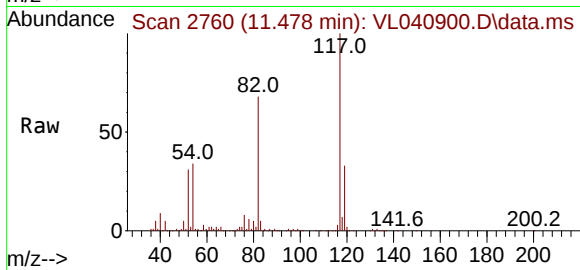




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

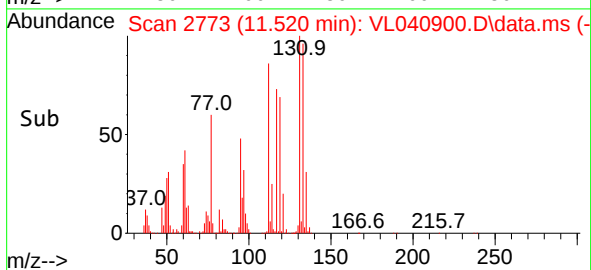
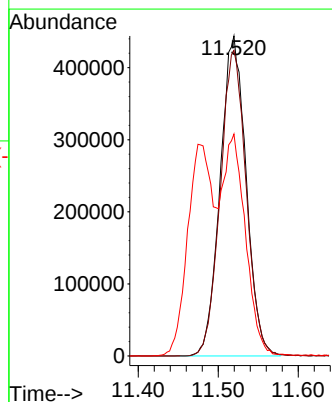
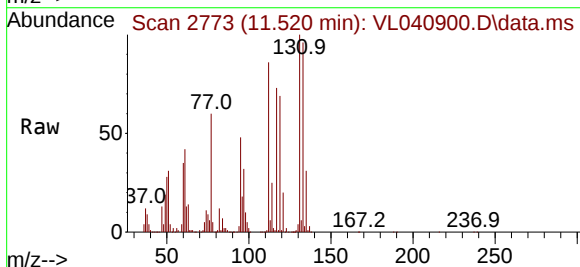
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

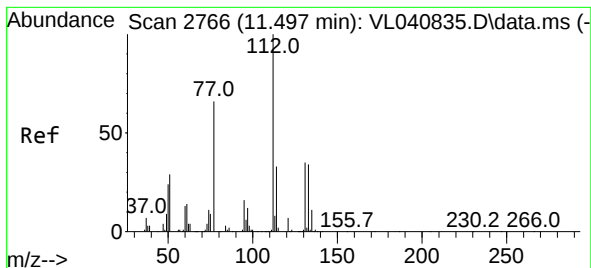
Tgt Ion:117 Resp: 2097178
Ion Ratio Lower Upper
117 100
82 67.9 50.6 75.8
119 30.6 23.3 34.9



#56
1,1,1,2-Tetrachloroethane
Concen: 11.121 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion:131 Resp: 998178
Ion Ratio Lower Upper
131 100
133 95.8 76.4 114.6
119 68.6 51.1 76.7





#57

Chlorobenzene

Concen: 10.467 ppbv

RT: 11.536 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

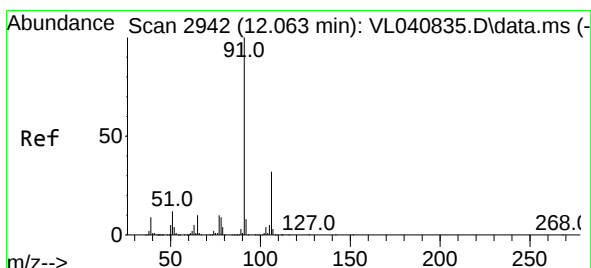
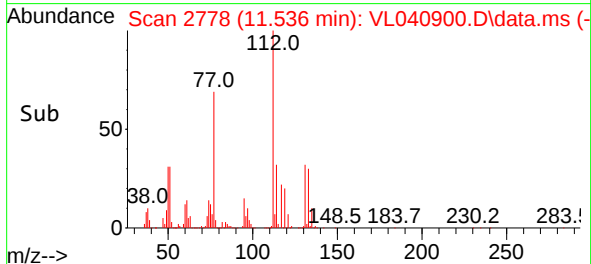
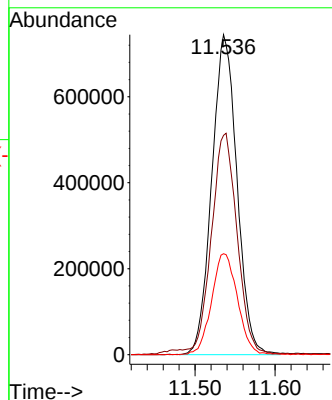
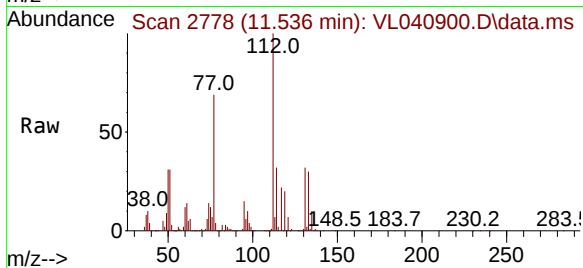
Tgt Ion:112 Resp: 1627006

Ion Ratio Lower Upper

112 100

77 68.2 53.3 79.9

114 31.5 29.3 35.9



#58

Ethyl Benzene

Concen: 10.744 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. 0.013 min

Lab File: VL040900.D

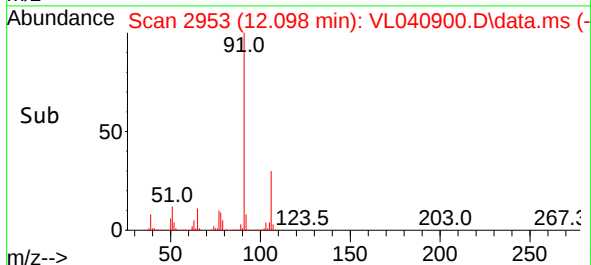
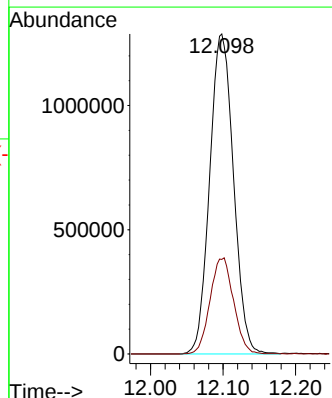
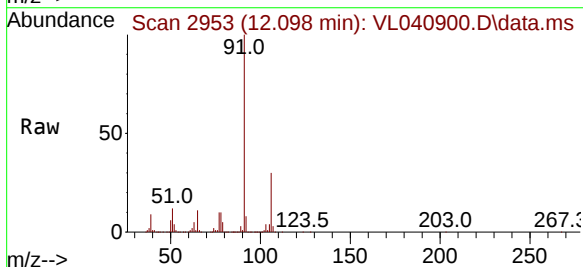
Acq: 17 Nov 2023 18:25

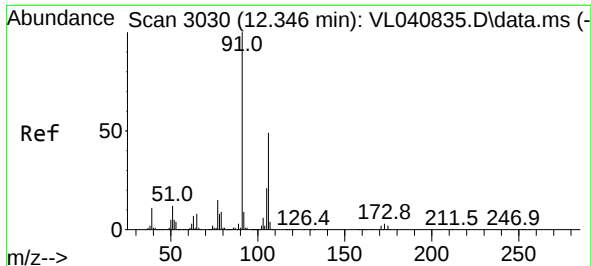
Tgt Ion: 91 Resp: 2939968

Ion Ratio Lower Upper

91 100

106 29.5 25.2 37.8





#59

m/p-Xylene

Concen: 12.071 ppbv

RT: 12.378 min Scan# 3030

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

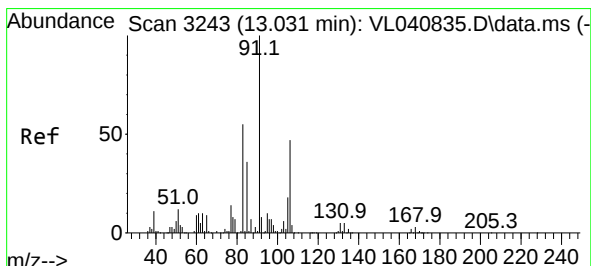
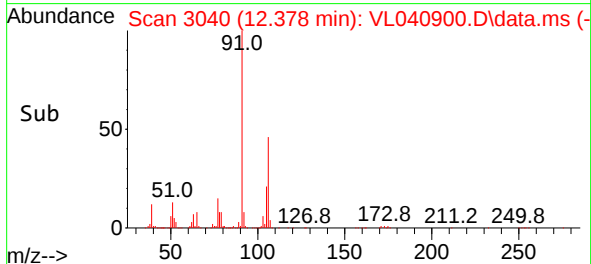
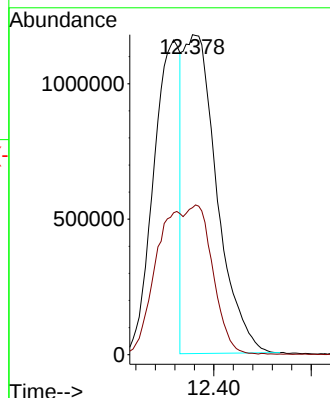
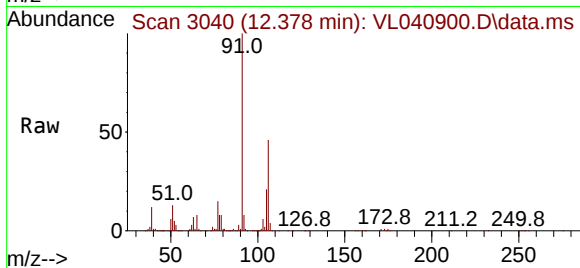
VSTDCCC010EC

Tgt Ion: 91 Resp: 2812674

Ion Ratio Lower Upper

91 100

106 76.2 35.4 53.0#



#60

o-Xylene

Concen: 10.820 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.013 min

Lab File: VL040900.D

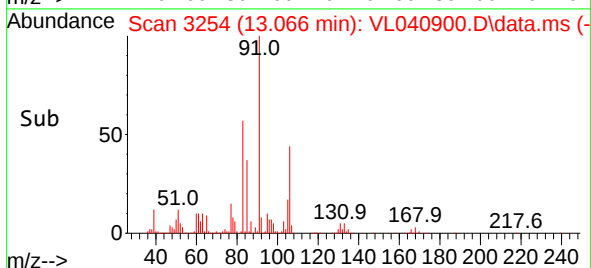
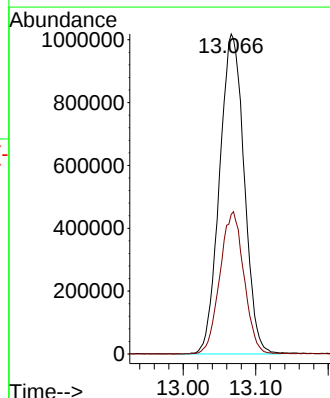
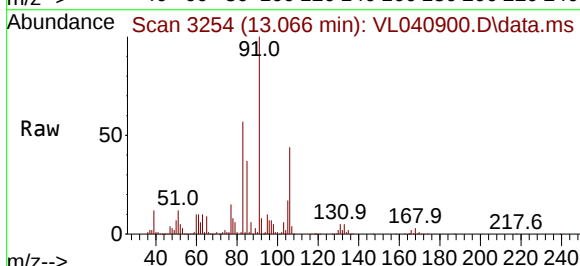
Acq: 17 Nov 2023 18:25

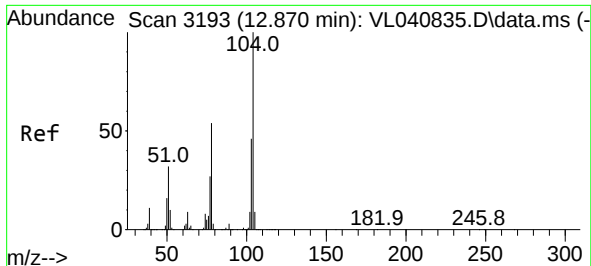
Tgt Ion: 91 Resp: 2400178

Ion Ratio Lower Upper

91 100

106 43.4 22.9 68.5

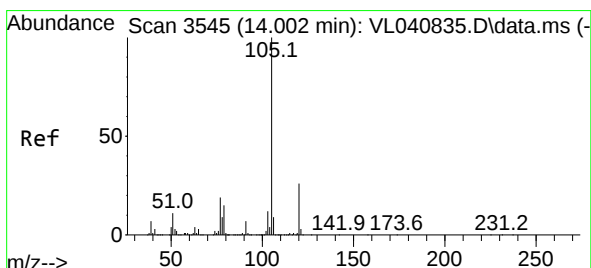
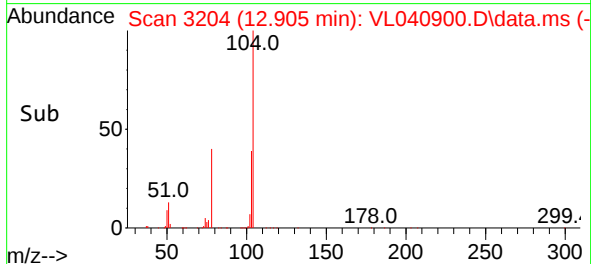
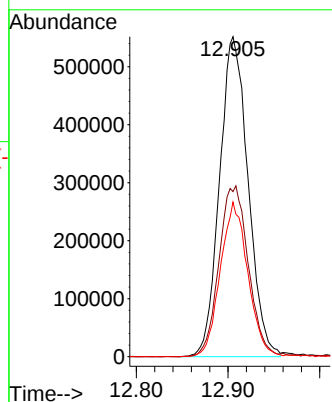
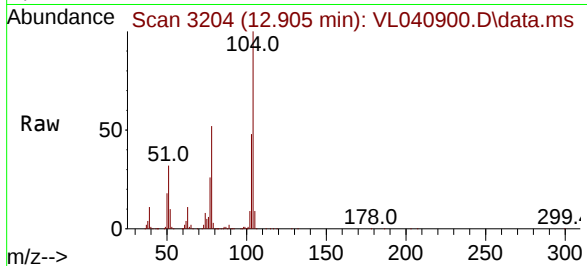




#61
Styrene
Concen: 11.140 ppbv
RT: 12.905 min Scan# 3193
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

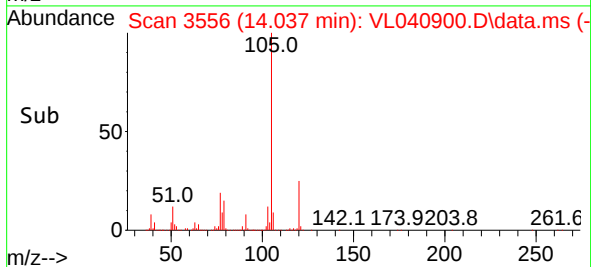
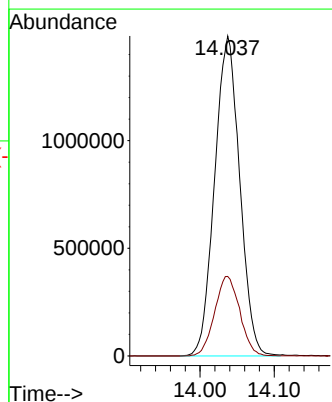
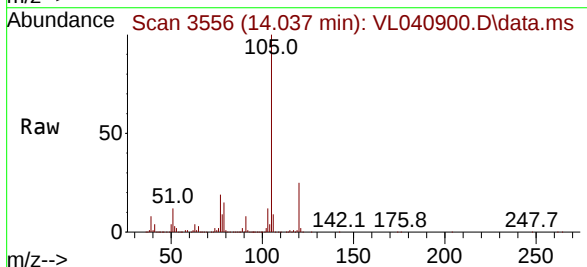
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

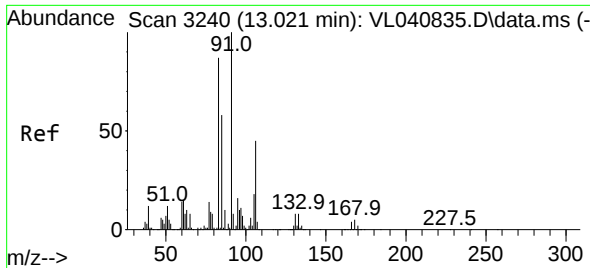
Tgt Ion:104 Resp: 1191737
Ion Ratio Lower Upper
104 100
78 55.4 43.3 64.9
103 47.0 37.6 56.4



#62
Isopropylbenzene
Concen: 10.636 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion:105 Resp: 3485704
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1

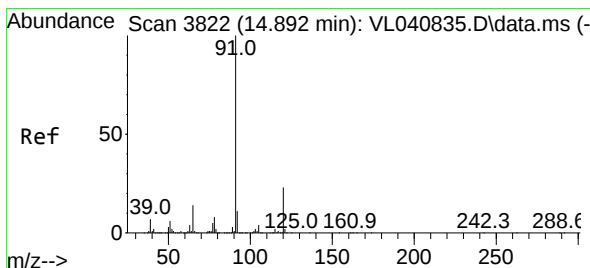
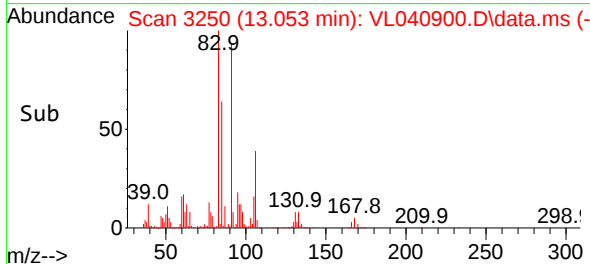
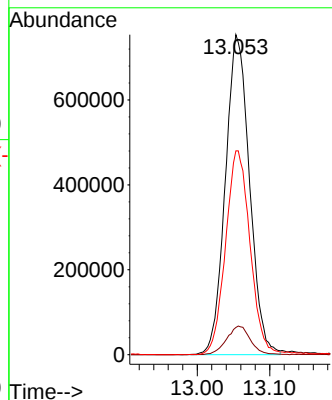
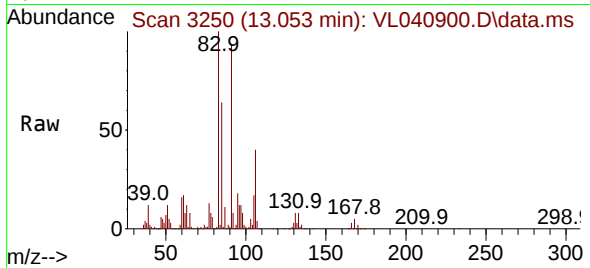




#63
1,1,2,2-Tetrachloroethane
Concen: 11.088 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

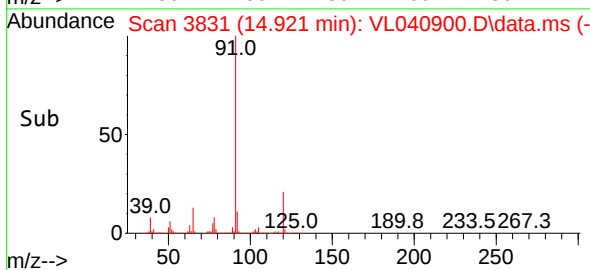
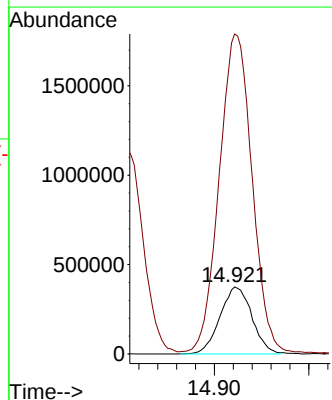
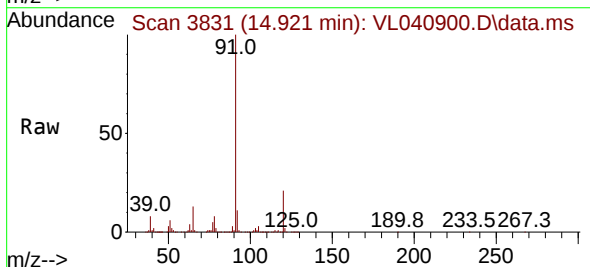
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

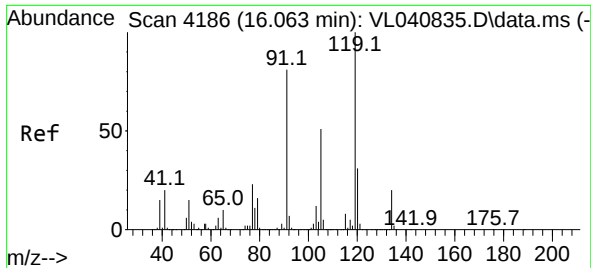
Tgt Ion: 83 Resp: 1743222
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 65.3 32.9 98.7



#64
n-propylbenzene
Concen: 10.674 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 120 Resp: 876768
Ion Ratio Lower Upper
120 100
91 496.1 381.1 571.7

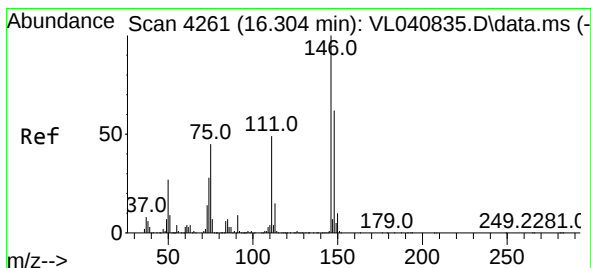
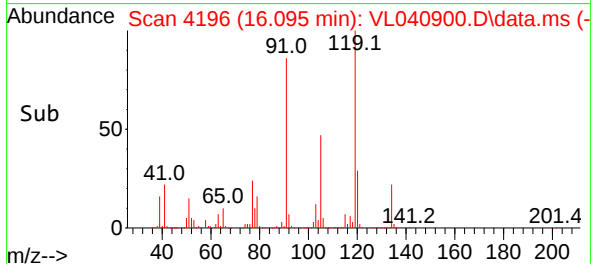
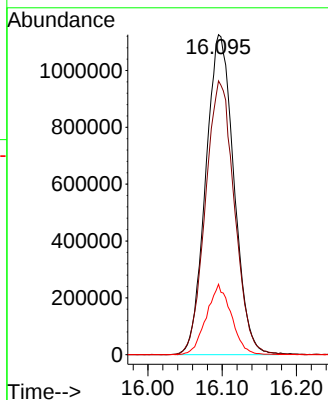
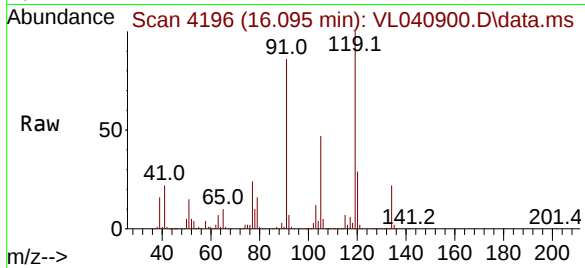




#65
tert-Butylbenzene
Concen: 10.760 ppbv
RT: 16.095 min Scan# 4186
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

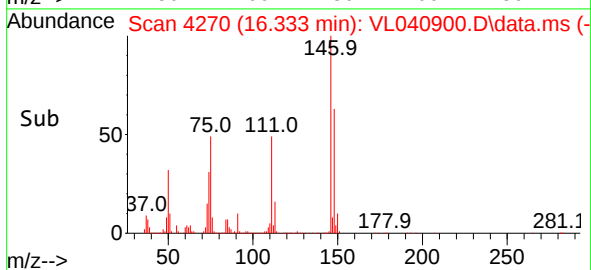
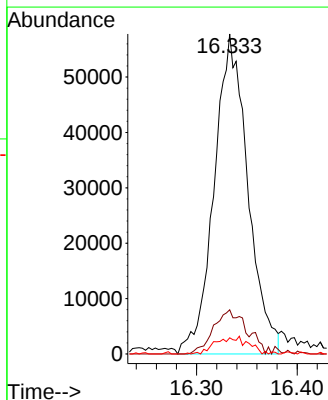
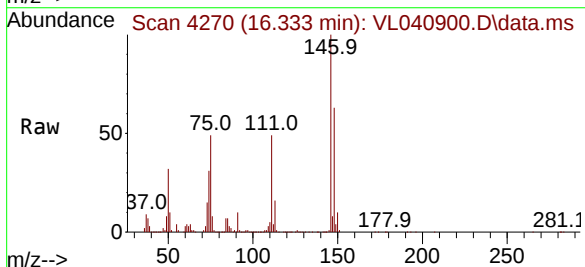
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

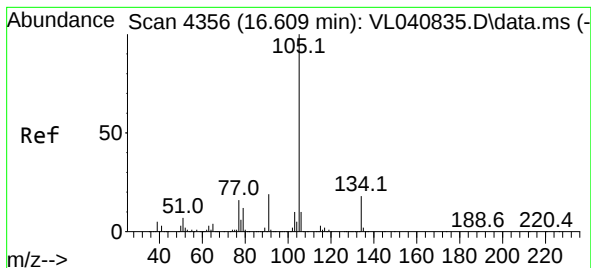
Tgt Ion:119 Resp: 2973391
Ion Ratio Lower Upper
119 100
91 87.8 67.5 101.3
134 19.5 15.9 23.9



#66
Benzyl Chloride
Concen: 13.196 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 91 Resp: 134368
Ion Ratio Lower Upper
91 100
126 14.2 12.8 19.2
128 5.5 0.0 0.0#

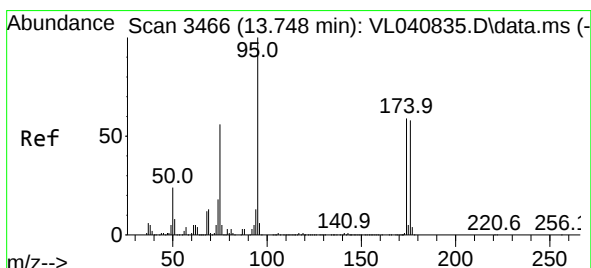
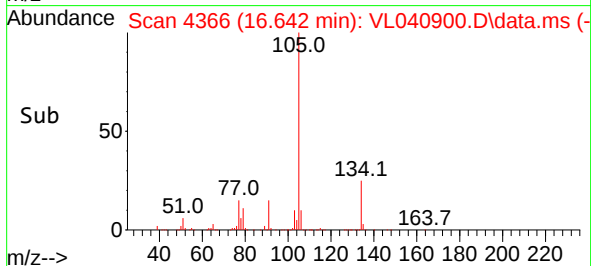
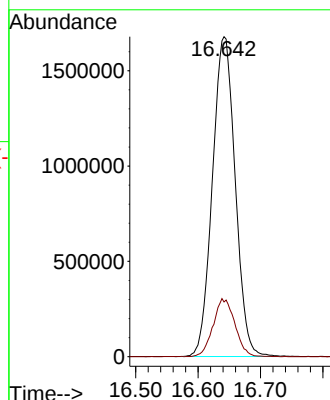
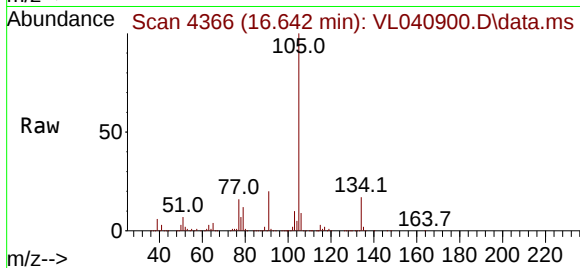




#67
 sec-Butylbenzene
 Concen: 10.786 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

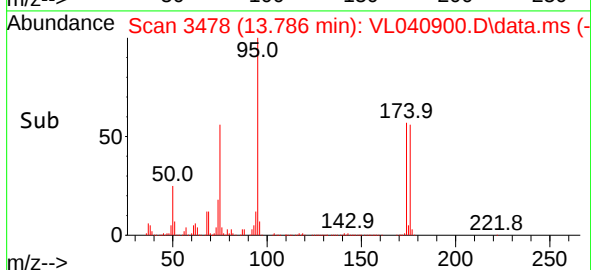
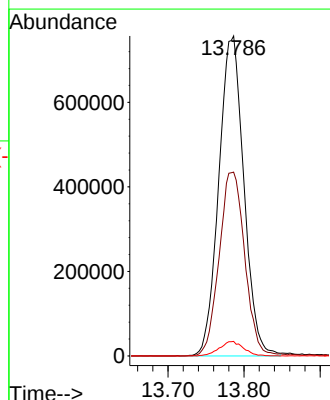
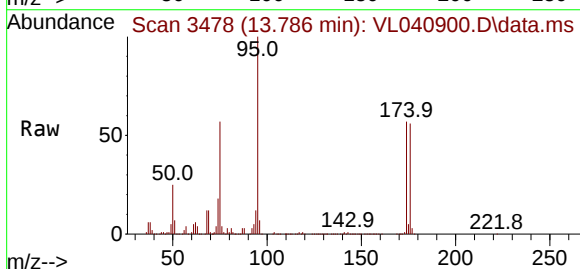
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

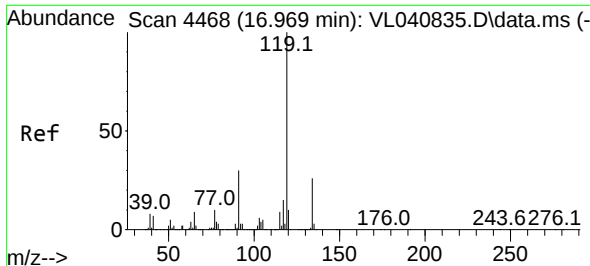
Tgt Ion:105 Resp: 4257609
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.543 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.016 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Tgt Ion: 95 Resp: 1731048
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.5 71.3
 175 4.4 3.6 5.4

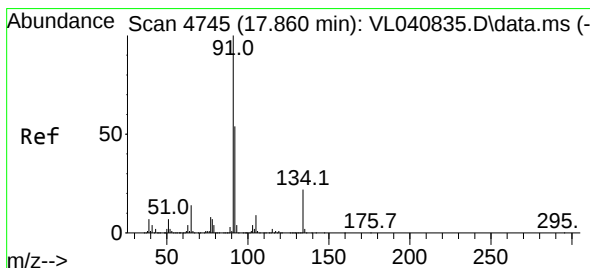
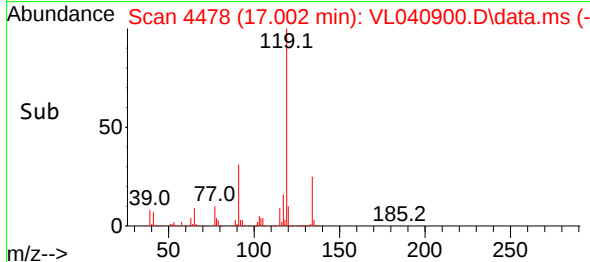
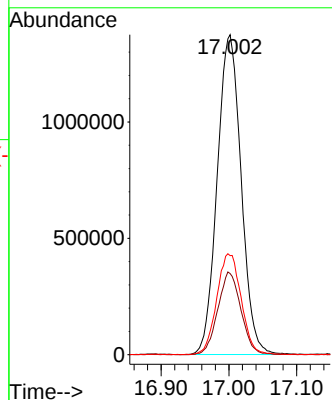
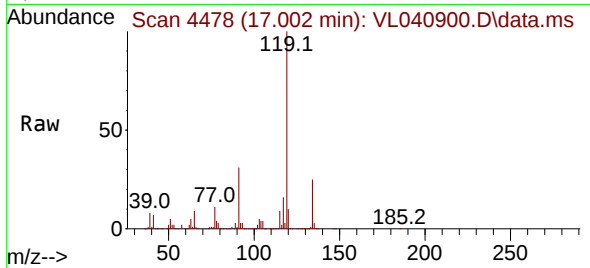




#69
p-Isopropyltoluene
Concen: 10.720 ppbv
RT: 17.002 min Scan# 4468
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

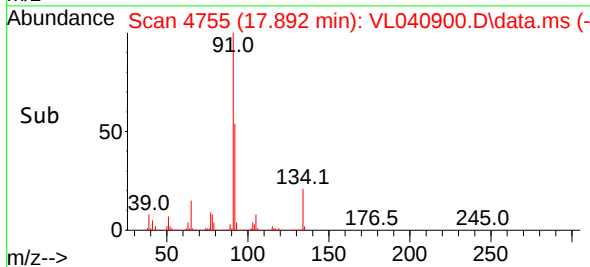
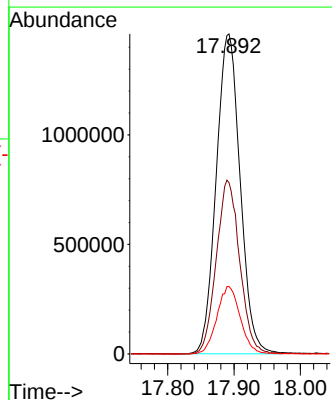
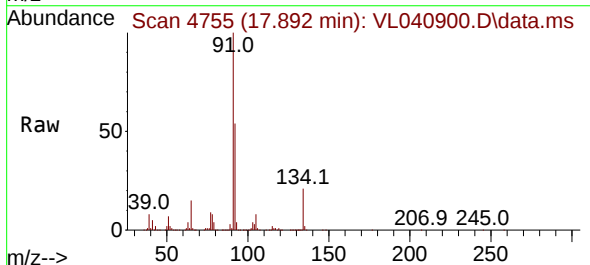
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

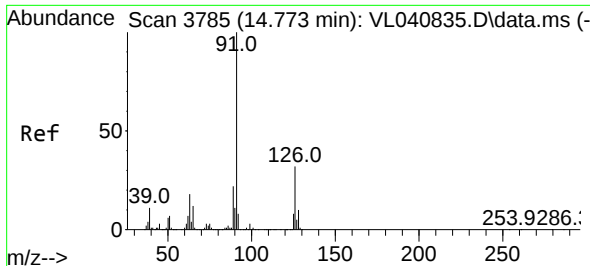
Tgt Ion:119 Resp: 3374414
Ion Ratio Lower Upper
119 100
134 25.0 20.5 30.7
91 32.2 24.7 37.1



#70
n-Butylbenzene
Concen: 11.012 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 91 Resp: 3660025
Ion Ratio Lower Upper
91 100
92 53.2 43.4 65.2
134 20.6 17.4 26.0

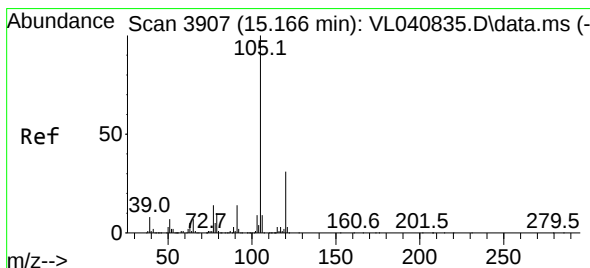
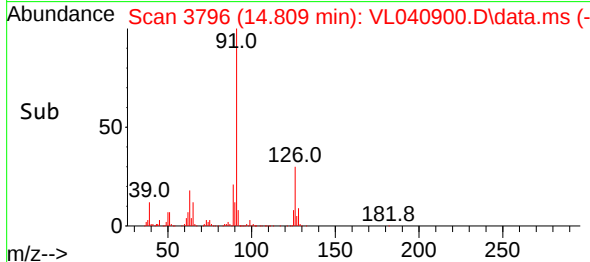
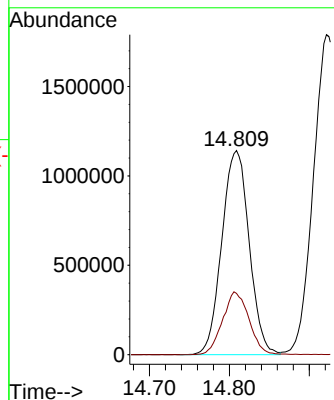
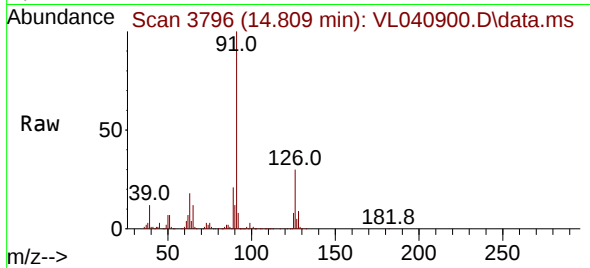




#71
2-Chlorotoluene
Concen: 10.872 ppbv
RT: 14.809 min Scan# 317
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

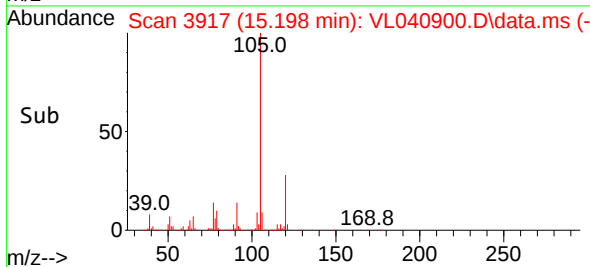
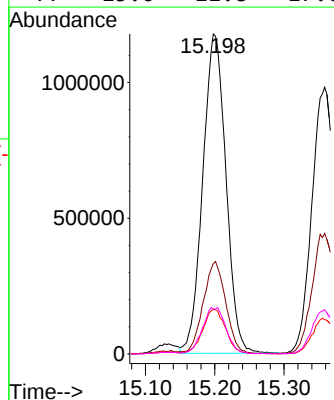
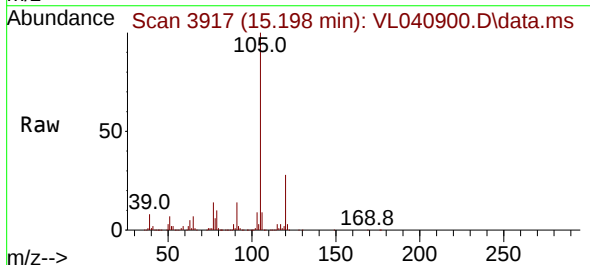
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

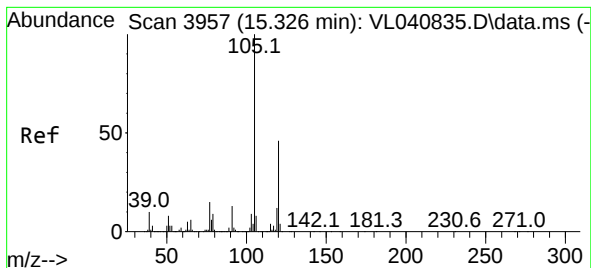
Tgt Ion: 91 Resp: 2716100
Ion Ratio Lower Upper
91 100
126 29.7 12.1 48.5



#72
4-Ethyltoluene
Concen: 11.197 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 105 Resp: 2730301
Ion Ratio Lower Upper
105 100
120 29.4 24.5 36.7
91 13.9 10.6 16.0
77 15.0 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.855 ppbv

RT: 15.359 min Scan# 3957

Delta R.T. 0.016 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

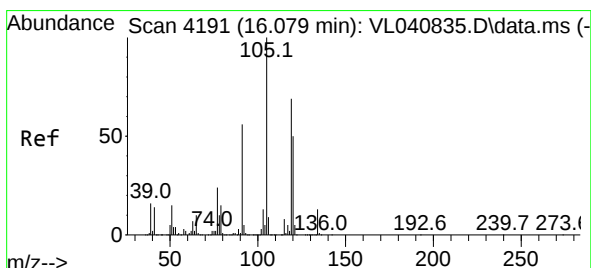
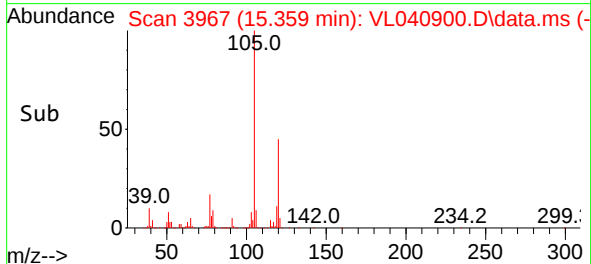
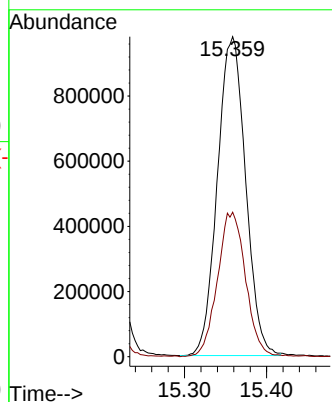
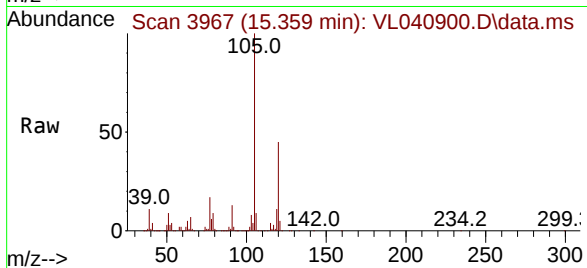
VSTDCCC010EC

Tgt Ion:105 Resp: 2340887

Ion Ratio Lower Upper

105 100

120 45.3 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 10.692 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.013 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion:105 Resp: 2573286

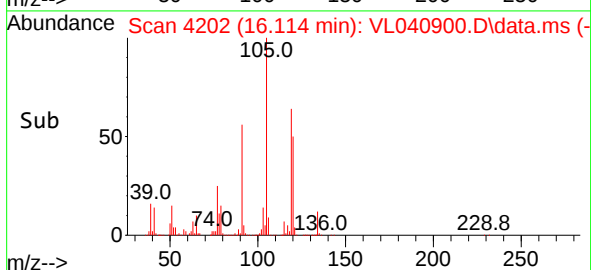
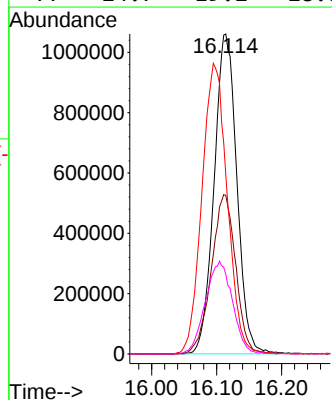
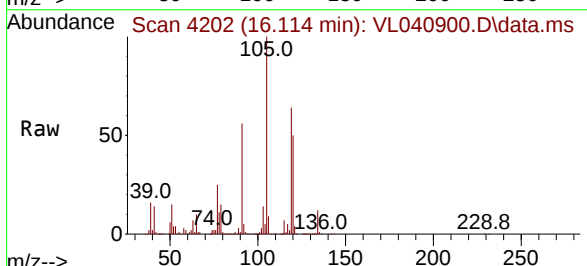
Ion Ratio Lower Upper

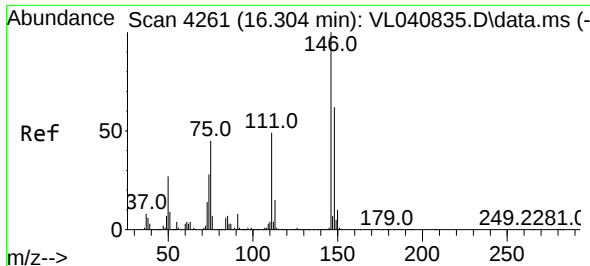
105 100

120 49.4 40.2 60.2

91 55.7 45.7 68.5

77 24.7 19.2 28.8

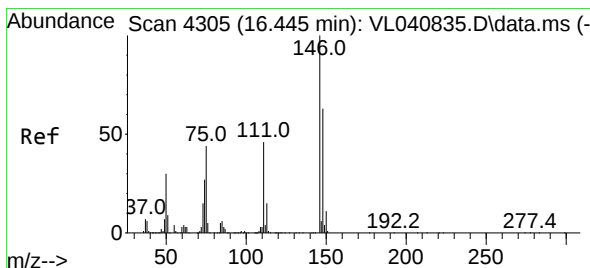
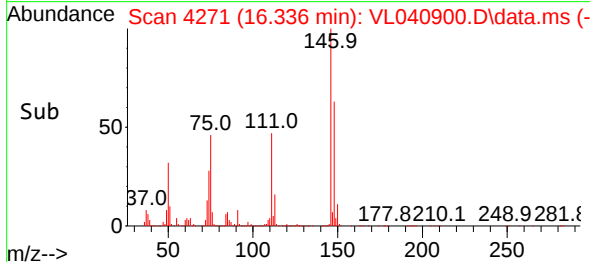
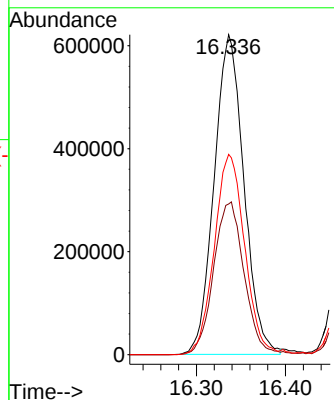
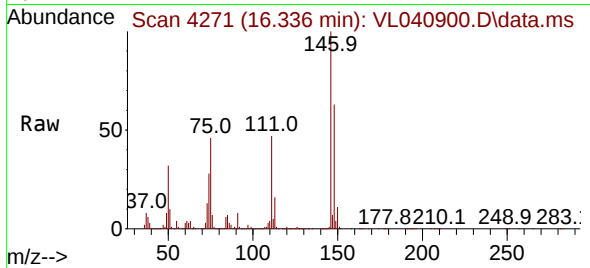




#75
1,3-Dichlorobenzene
Concen: 10.832 ppbv
RT: 16.336 min Scan# 4316
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

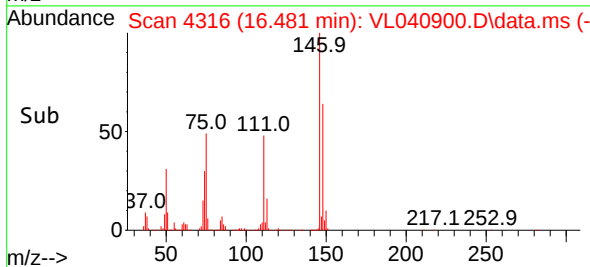
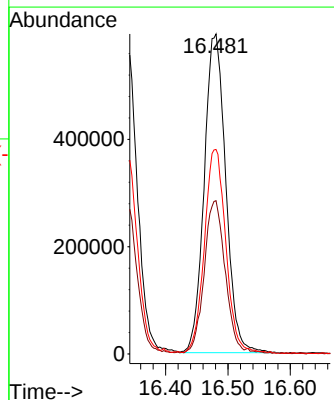
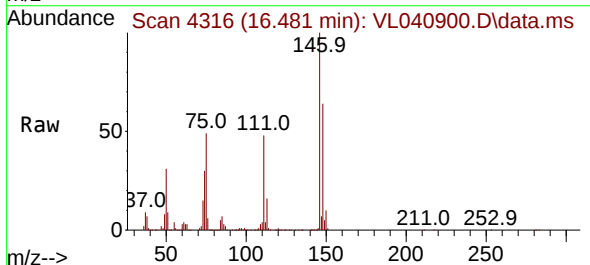
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

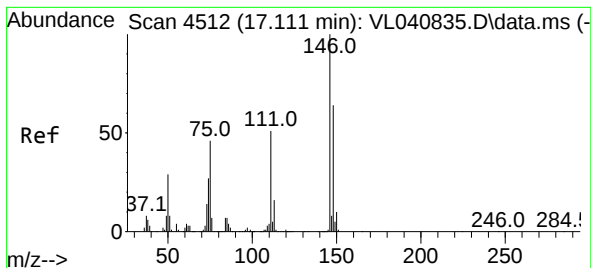
Tgt Ion:146 Resp: 1439408
Ion Ratio Lower Upper
146 100
111 49.4 24.9 74.8
148 64.5 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 11.219 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion:146 Resp: 1427316
Ion Ratio Lower Upper
146 100
111 47.7 24.1 72.4
148 64.6 32.3 96.9





#77

1,2-Dichlorobenzene

Concen: 10.722 ppbv

RT: 17.146 min Scan# 4512

Delta R.T. 0.013 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

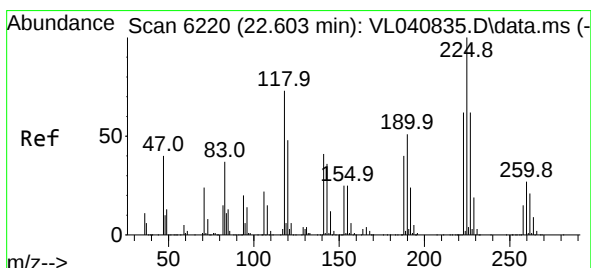
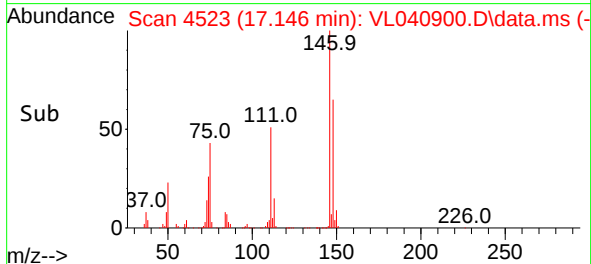
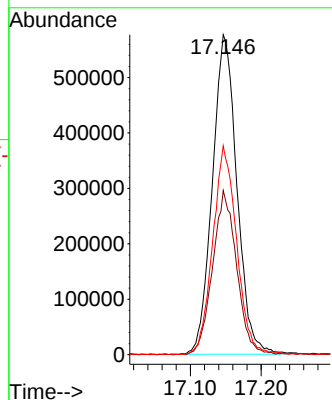
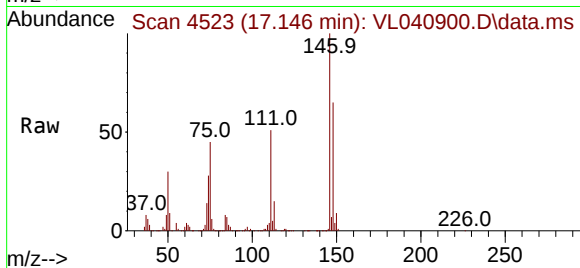
Tgt Ion:146 Resp: 1385431

Ion Ratio Lower Upper

146 100

111 50.6 25.7 77.1

148 64.3 32.3 96.9



#78

Hexachloro-1,3-Butadiene

Concen: 9.595 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

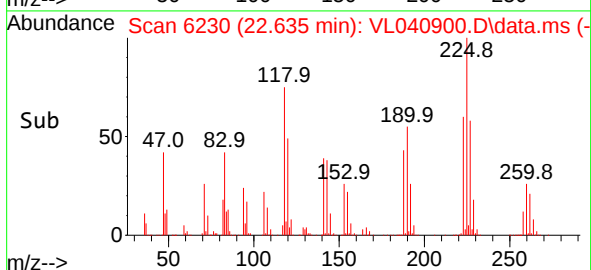
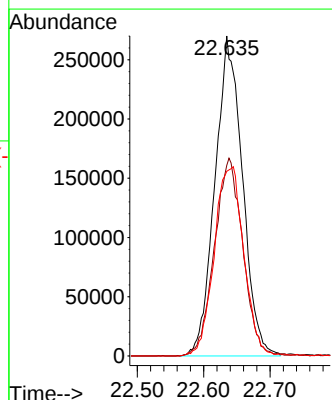
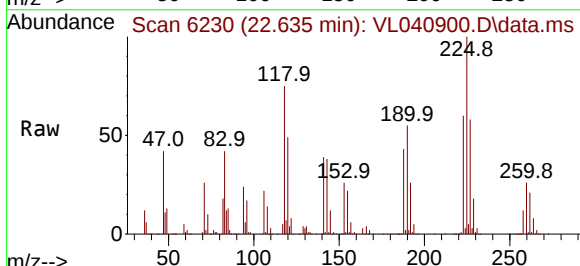
Tgt Ion:225 Resp: 776283

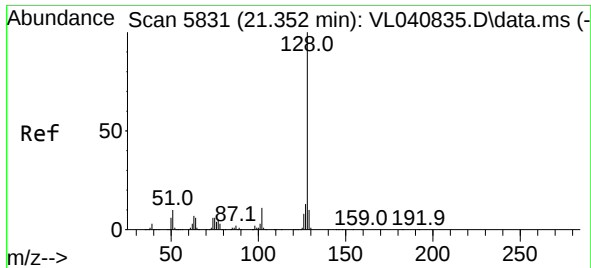
Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

227 64.1 50.8 76.2

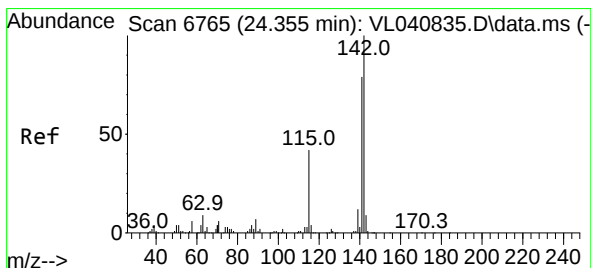
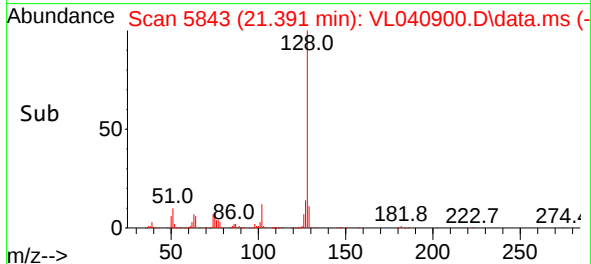
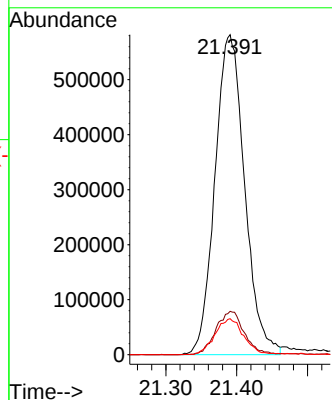
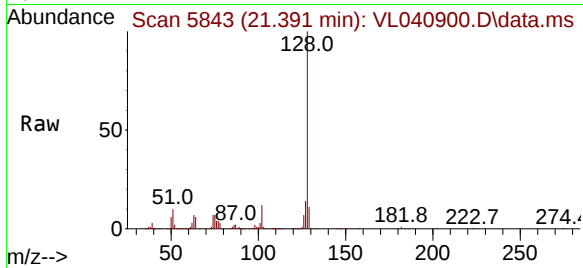




#79
Naphthalene
Concen: 13.675 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

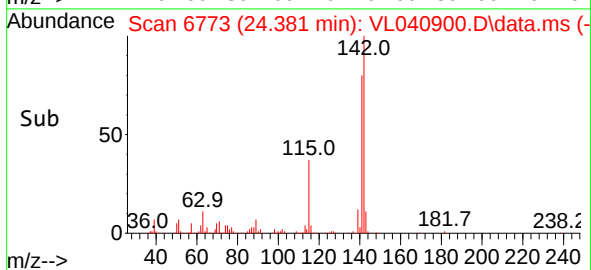
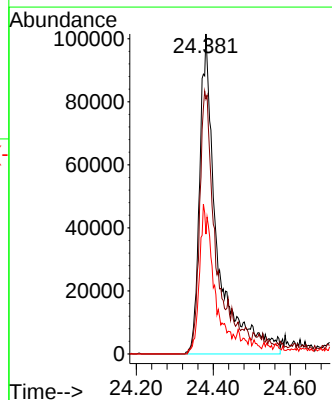
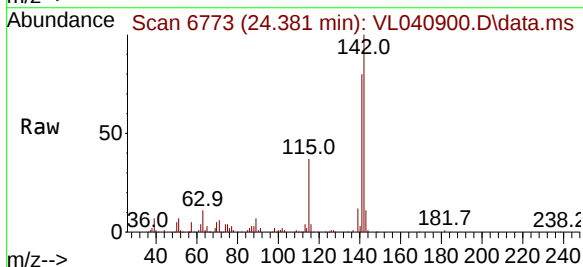
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

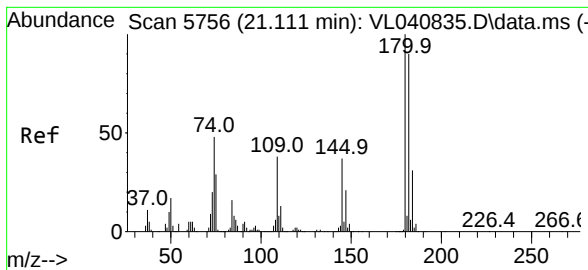
Tgt Ion:128 Resp: 1691529
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.3 8.3 12.5



#80
Naphthalene,2-methyl-
Concen: 14.781 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

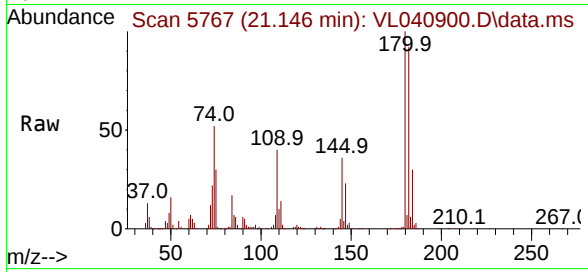
Tgt Ion:142 Resp: 322741
Ion Ratio Lower Upper
142 100
141 84.3 65.8 98.8
115 39.8 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.410 ppbv
 RT: 21.146 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 858020
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.6 116.4
 184 30.8 24.2 36.2

