

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041816.D
 Acq On : 19 Dec 2024 03:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Dec 19 08:04:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	80462	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	194995	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	167221	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.386	95	149664	10.740	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	128833	8.999	ppbv	95
3) Chlorodifluoromethane	1.476	51	118280	9.014	ppbv	100
4) Chloromethane	1.534	50	52279	9.333	ppbv	99
5) Vinyl Chloride	1.583	62	47803	8.470	ppbv	99
6) Bromomethane	1.670	94	22461	8.433	ppbv	99
7) Chloroethane	1.706	64	19558	8.921	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	115169	8.987	ppbv	93
9) Propene	1.486	41	41155	7.236	ppbv	95
10) Heptane	4.994	43	121577	8.322	ppbv	100
11) Trichlorofluoromethane	1.881	101	135114	8.885	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	98518	8.518	ppbv	95
13) Ethanol	1.725	45	2654	5.636	ppbv	89
14) Bromoethene	1.783	108	31772	8.136	ppbv	94
15) Acetone	1.839	43	120737	7.712	ppbv	96
16) 1,3-Butadiene	1.612	39	56794	9.213	ppbv	95
17) tert-Butyl alcohol	2.042	59	130646	8.412	ppbv	99
18) 1,1-Dichloroethene	2.039	96	42108	8.683	ppbv	95
19) Isopropyl Alcohol	1.887	45	58883	6.268	ppbv #	37
20) Methylene Chloride	2.065	84	35778	8.015	ppbv	92
21) Allyl Chloride	2.101	41	75977	8.948	ppbv	97
22) trans-1,2-Dichloroethene	2.347	96	45432	8.185	ppbv	98
23) Vinyl Acetate	2.466	43	52077	7.164	ppbv #	96
24) 1,1-Dichloroethane	2.415	63	100372	8.933	ppbv	99
25) Ethyl Acetate	2.842	43	251237	8.627	ppbv	100
26) Hexane	2.832	57	91261	8.257	ppbv	93
27) Carbon Disulfide	2.156	76	77966	7.828	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	62687	6.991	ppbv	97
29) Chloroform	2.855	83	151278	8.982	ppbv	100
30) Cyclohexane	3.865	84	74123	7.882	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	90920	7.961	ppbv	94
32) 1,1,1-Trichloroethane	3.376	97	141589	8.269	ppbv	98
34) 2-Butanone	2.560	43	143094	9.121	ppbv	99
35) Carbon Tetrachloride	3.774	117	142088	10.264	ppbv	96
36) Benzene	3.667	78	181775	9.012	ppbv	97
37) 1,2-Dichloroethane	3.227	62	119295	9.505	ppbv	100
38) Trichloroethene	4.561	130	69271	8.090	ppbv	95
39) 1,2-Dichloropropane	4.327	63	65973	9.044	ppbv	97
40) 1,4-Dioxane	4.596	88	27617	7.750	ppbv #	91
41) Tetrahydrofuran	3.062	42	77282	8.793	ppbv	97
42) Bromodichloromethane	4.499	83	140825	9.753	ppbv	98
43) Methyl Methacrylate	4.894	69	65091	8.470	ppbv	98
44) 2,2,4-Trimethylpentane	4.654	57	325525	9.450	ppbv	97
45) t-1,3-Dichloropropene	6.431	75	58734	7.389	ppbv	95

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

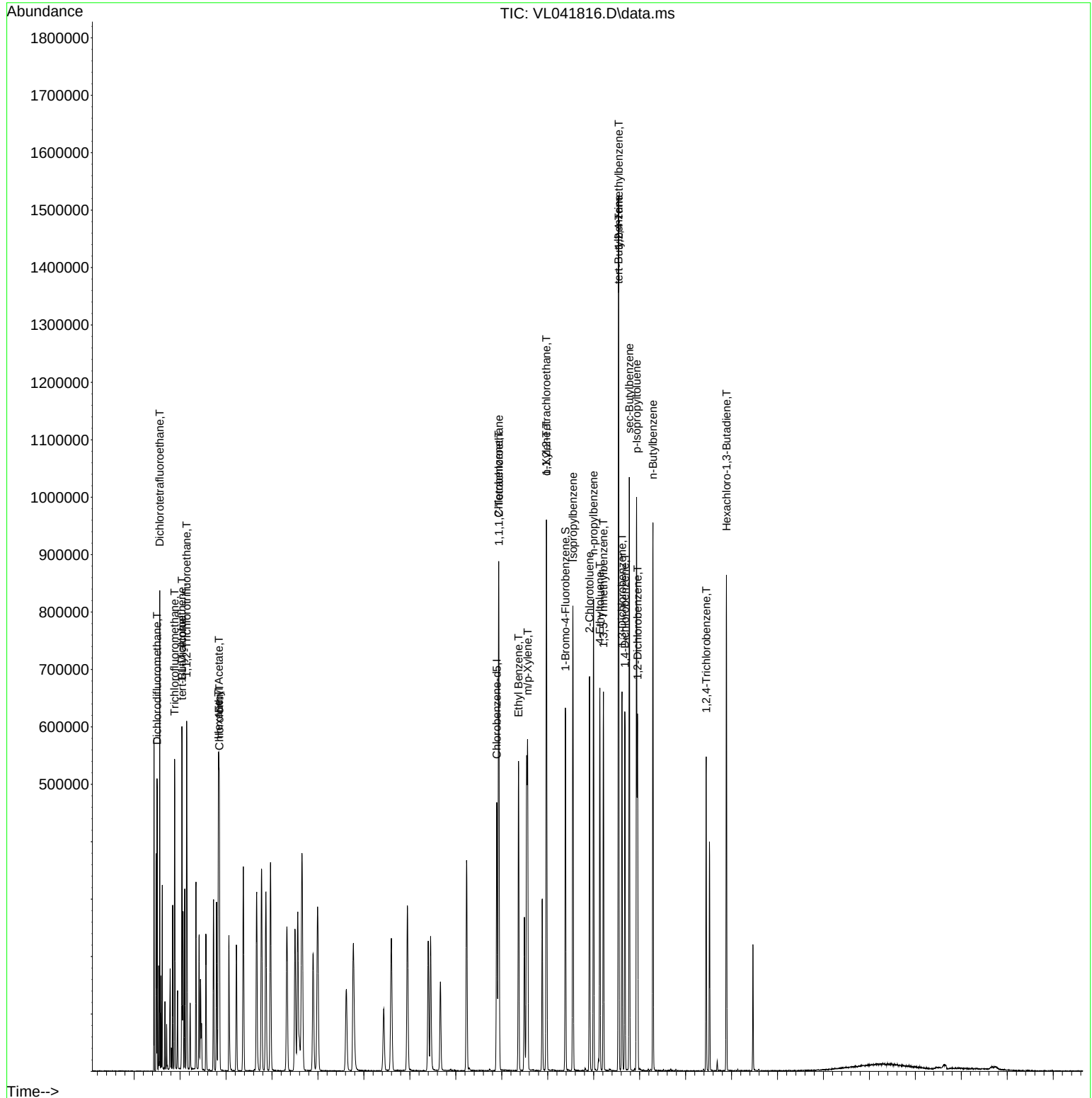
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	40296	3.993	ppbv	98
47) 1,1,2-Trichloroethane	6.596	97	69616	9.136	ppbv	93
48) Dibromochloromethane	7.399	129	99788	9.591	ppbv	100
49) Bromoform	9.493	173	77811	9.136	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	196906	9.219	ppbv	99
51) 2-Hexanone	7.451	43	150220	8.677	ppbv #	96
52) Tetrachloroethene	8.237	164	56129	7.476	ppbv	93
53) Toluene	6.949	91	190165	8.316	ppbv	100
54) 1,2-Dibromoethane	7.668	107	92331	8.794	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.936	131	89008	10.040	ppbv	99
57) Chlorobenzene	8.933	112	155548	9.090	ppbv	98
58) Ethyl Benzene	9.364	91	268096	8.905	ppbv	97
59) m/p-Xylene	9.561	91	216629	8.949	ppbv #	100
60) o-Xylene	9.972	91	229859	9.469	ppbv	100
61) Styrene	9.882	104	91682	8.735	ppbv	99
62) Isopropylbenzene	10.548	105	339260	9.302	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	145038	9.545	ppbv	100
64) n-propylbenzene	10.998	120	86161	9.344	ppbv	99
65) tert-Butylbenzene	11.539	119	295470	8.980	ppbv	98
66) Benzyl Chloride	11.626	91	18218	6.286	ppbv	97
67) sec-Butylbenzene	11.775	105	414290	9.098	ppbv	100
69) p-Isopropyltoluene	11.934	119	329037	8.769	ppbv	99
70) n-Butylbenzene	12.290	91	315732	8.708	ppbv	99
71) 2-Chlorotoluene	10.911	91	243323	8.741	ppbv	99
72) 4-Ethyltoluene	11.134	105	264092	9.217	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	223198	9.389	ppbv	100
74) 1,2,4-Trimethylbenzene	11.545	105	242549	9.488	ppbv	99
75) 1,3-Dichlorobenzene	11.616	146	135088	8.288	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	132463	8.227	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	131272	8.371	ppbv	100
78) Hexachloro-1,3-Butadiene	13.889	225	79178	6.809	ppbv	100
79) Naphthalene	13.520	128	162505	9.123	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	52642	9.555	ppbv	98
81) 1,2,4-Trichlorobenzene	13.448	180	76255	7.834	ppbv	100

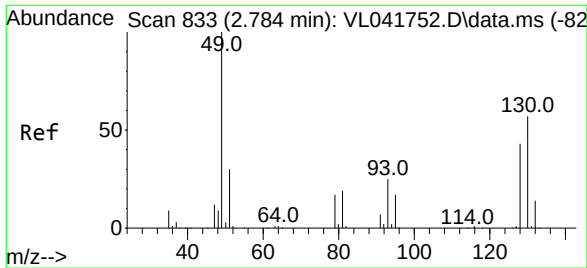
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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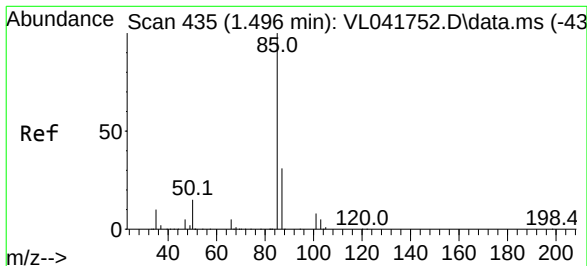
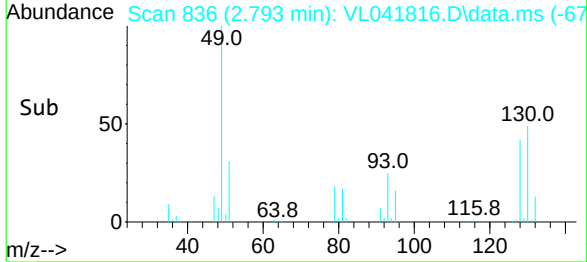
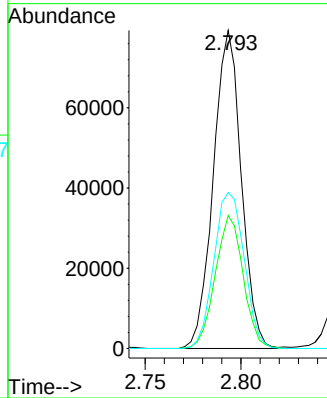
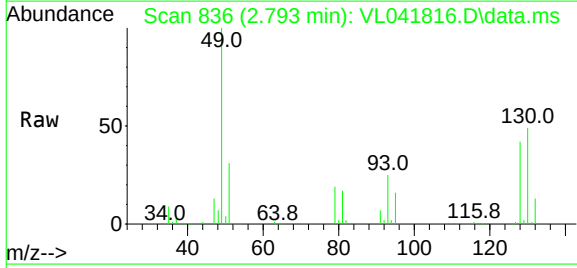




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 83
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

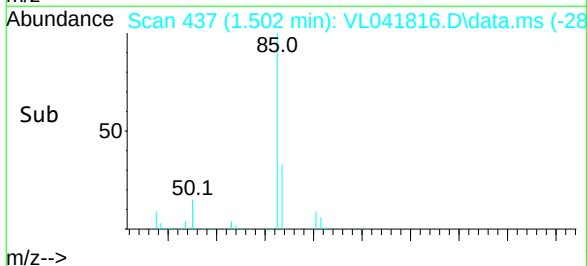
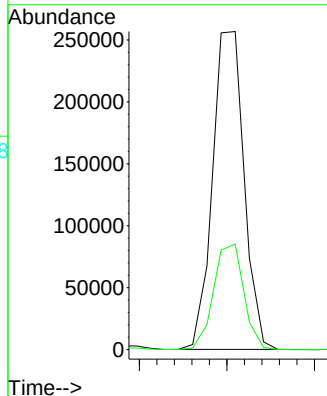
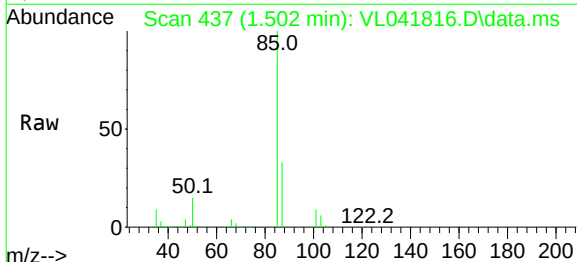
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

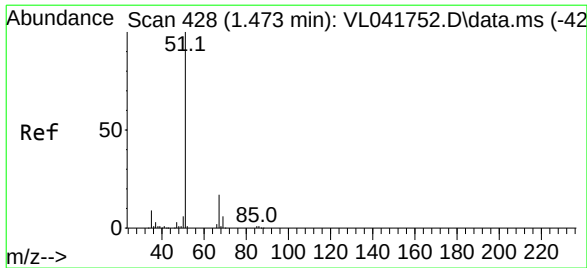
Tgt Ion: 49 Resp: 80462
Ion Ratio Lower Upper
49 100
128 41.7 21.6 64.6
130 53.3 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 8.999 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 85 Resp: 128833
Ion Ratio Lower Upper
85 100
87 33.2 24.5 36.7

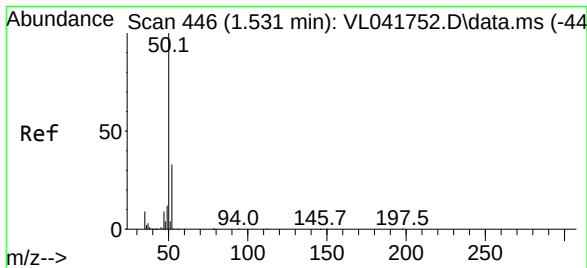
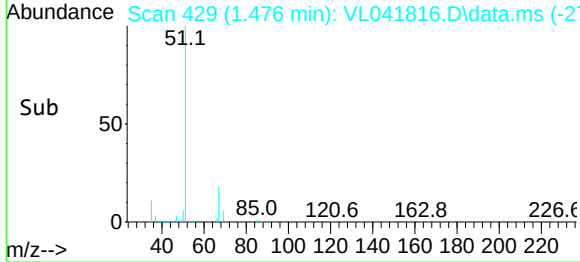
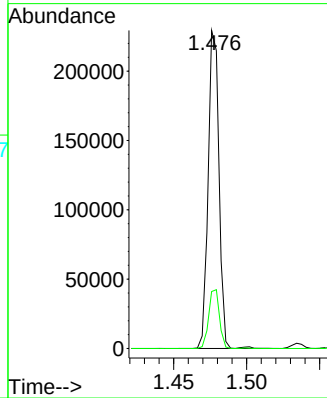
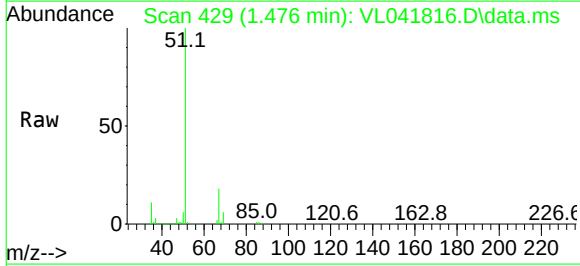




#3
Chlorodifluoromethane
Concen: 9.014 ppbv
RT: 1.476 min Scan# 42
Delta R.T. 0.003 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

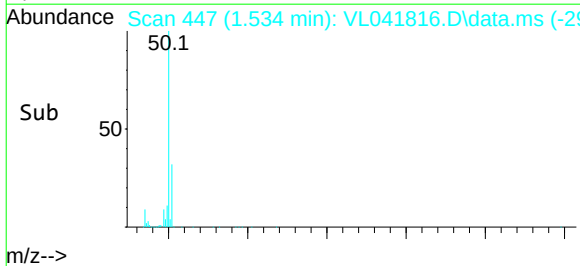
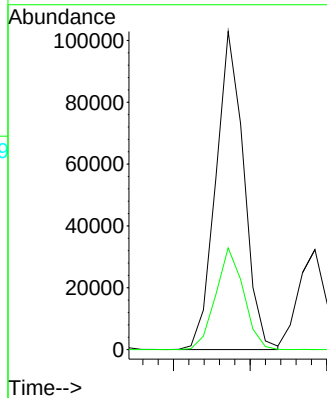
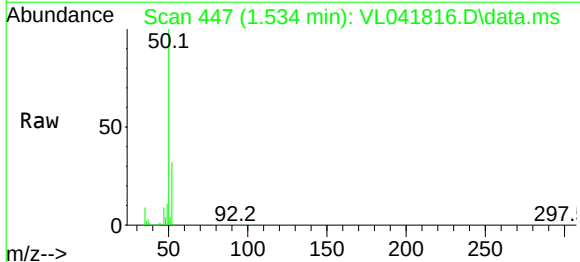
Instrument :
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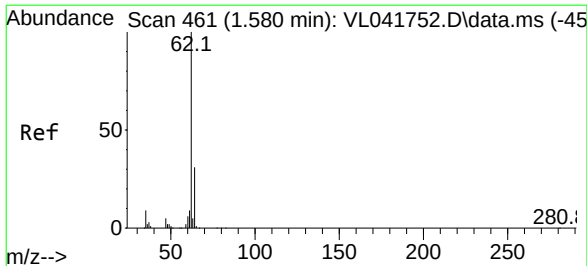
Tgt Ion: 51 Resp: 118280
Ion Ratio Lower Upper
51 100
67 18.5 15.0 22.4



#4
Chloromethane
Concen: 9.333 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 50 Resp: 52279
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2

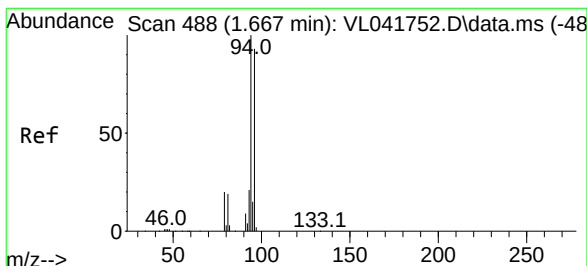
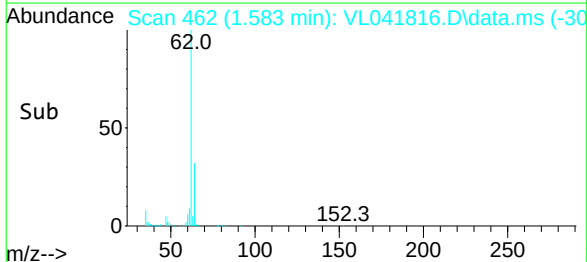
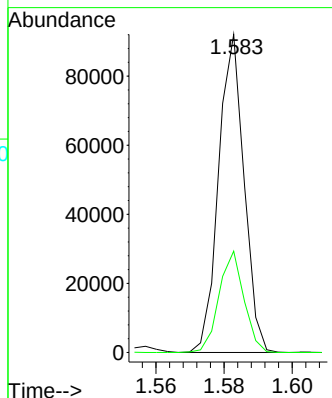
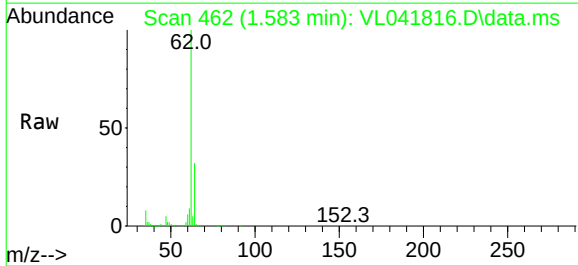




#5
 Vinyl Chloride
 Concen: 8.470 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

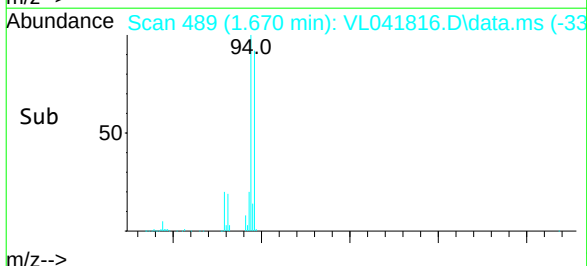
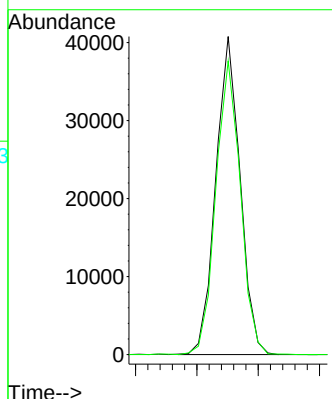
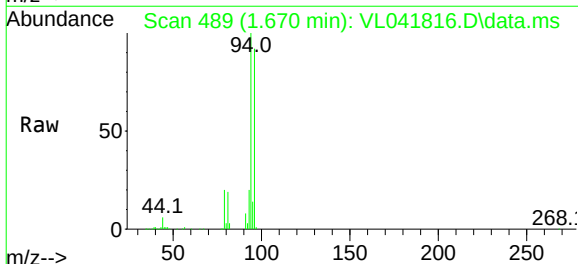
Instrument :
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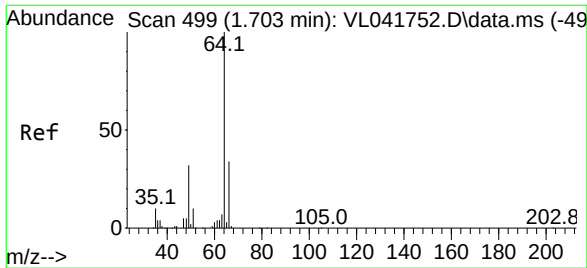
Tgt Ion: 62 Resp: 47803
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.1 37.7



#6
 Bromomethane
 Concen: 8.433 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

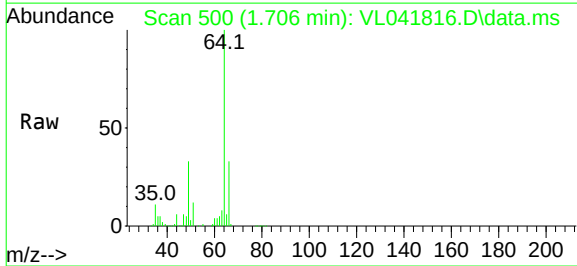
Tgt Ion: 94 Resp: 22461
 Ion Ratio Lower Upper
 94 100
 96 92.3 74.7 112.1



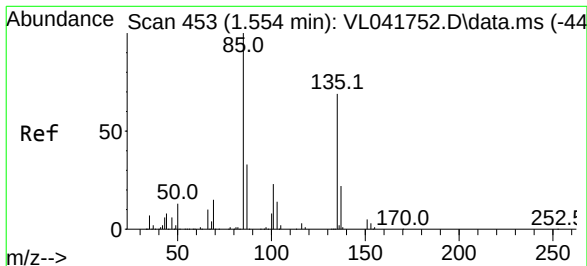
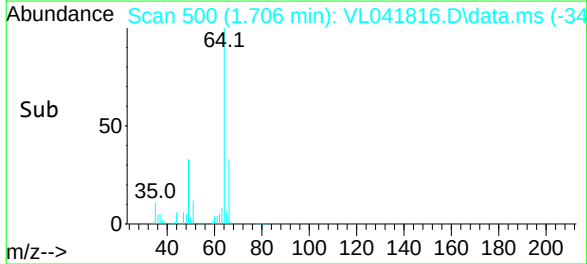
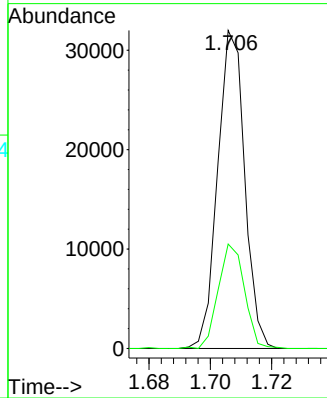


#7
Chloroethane
Concen: 8.921 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

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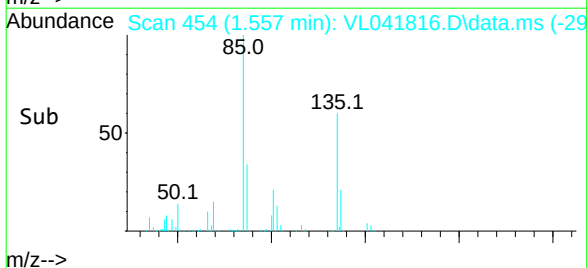
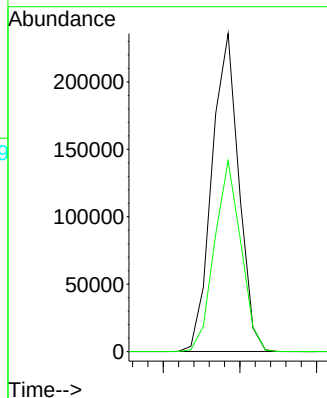
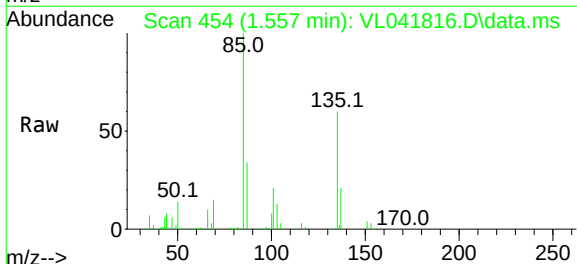


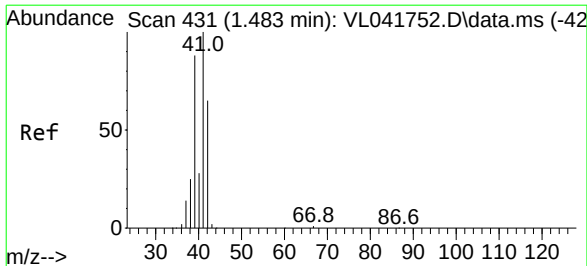
Tgt Ion: 64 Resp: 19558
Ion Ratio Lower Upper
64 100
66 32.8 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 8.987 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 85 Resp: 115169
Ion Ratio Lower Upper
85 100
135 59.1 51.9 77.9





#9

Propene

Concen: 7.236 ppbv

RT: 1.486 min Scan# 43

Delta R.T. 0.003 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

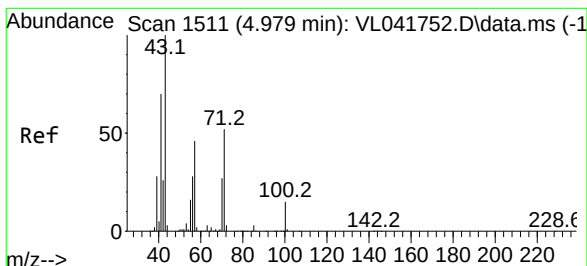
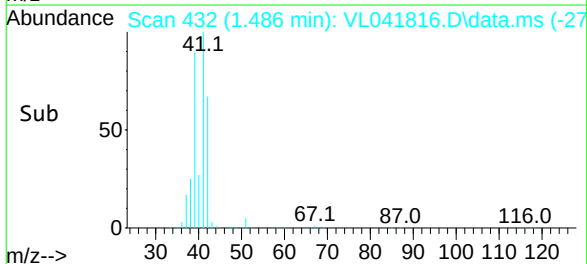
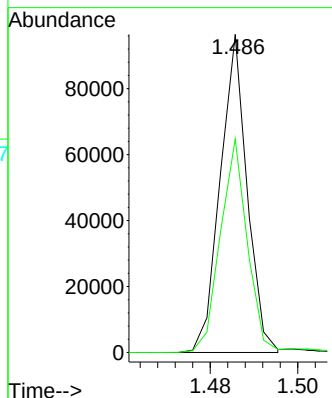
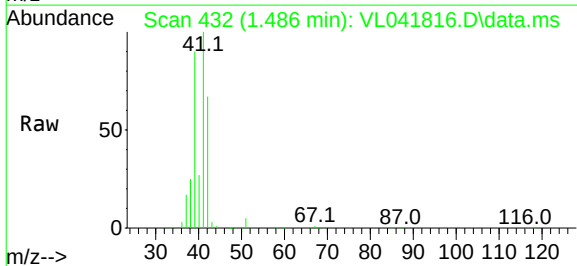
VSTDCCC010EC

Tgt Ion: 41 Resp: 41155

Ion Ratio Lower Upper

41 100

42 69.1 52.4 78.6



#10

Heptane

Concen: 8.322 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL041816.D

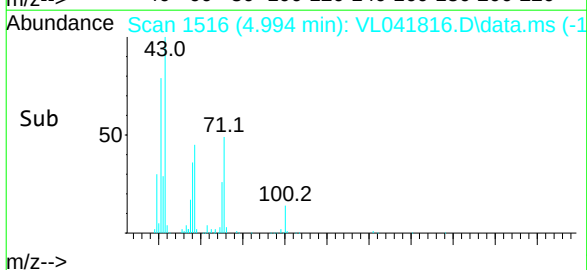
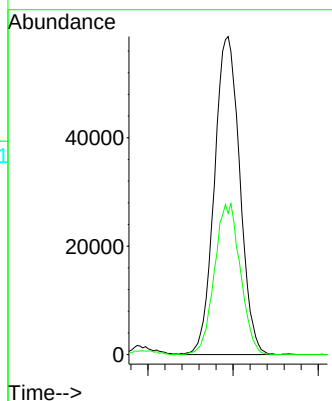
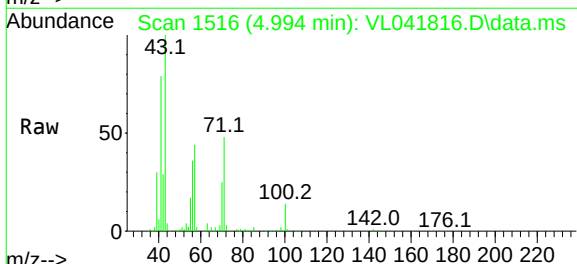
Acq: 19 Dec 2024 03:31

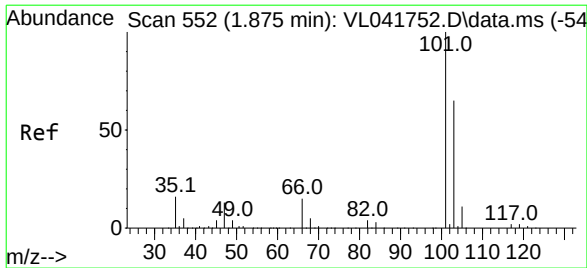
Tgt Ion: 43 Resp: 121577

Ion Ratio Lower Upper

43 100

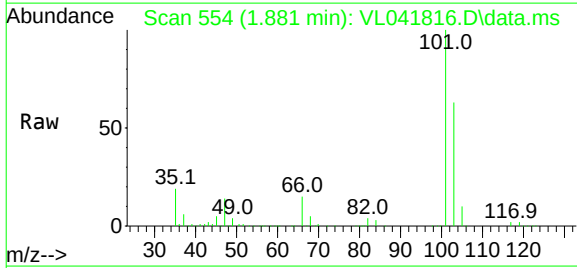
57 48.2 38.5 57.7



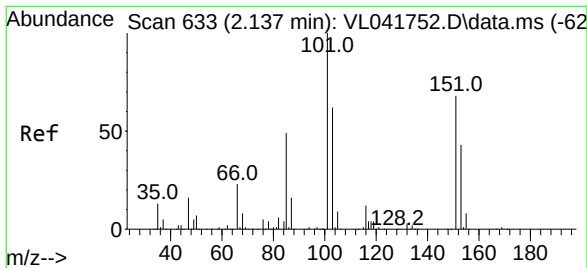
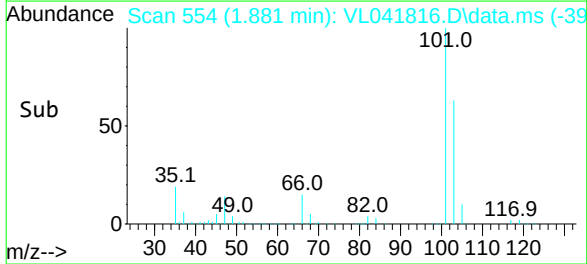
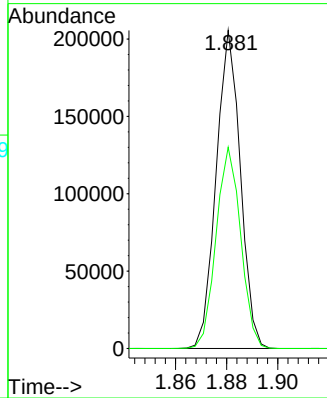


#11
 Trichlorofluoromethane
 Concen: 8.885 ppbv
 RT: 1.881 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Instrument :
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 ClientSampleId :
 VSTDCCC010EC

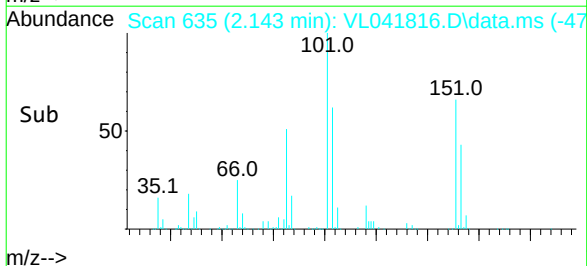
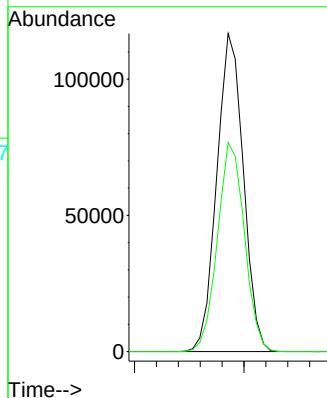
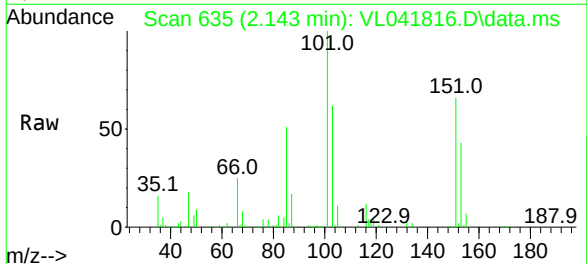


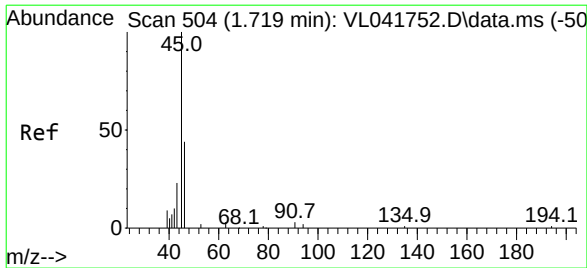
Tgt Ion:101 Resp: 135114
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.518 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.006 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Tgt Ion:101 Resp: 98518
 Ion Ratio Lower Upper
 101 100
 151 66.8 56.8 85.2

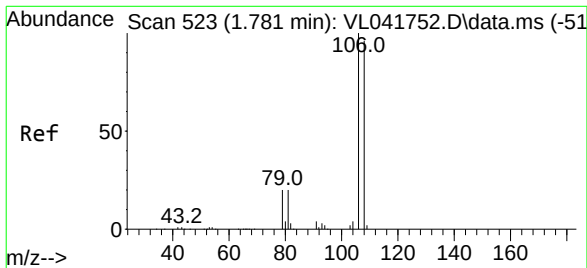
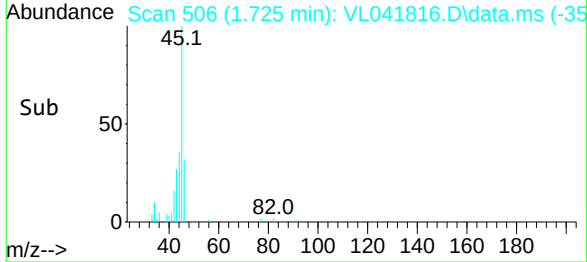
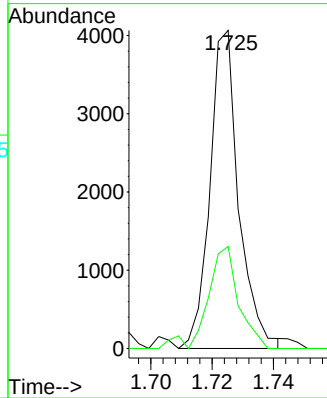
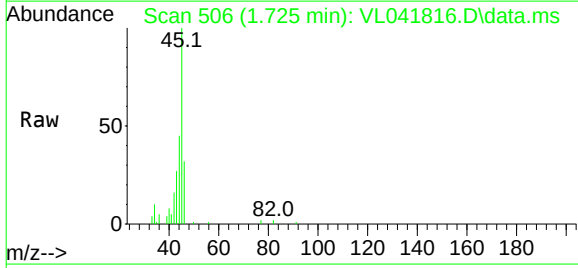




#13
Ethanol
Concen: 5.636 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

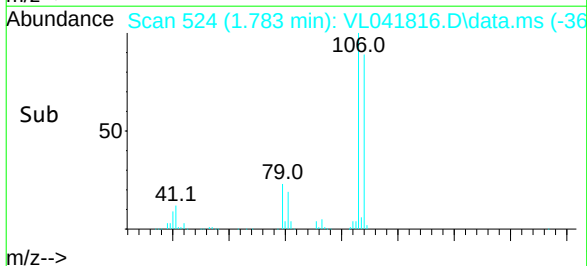
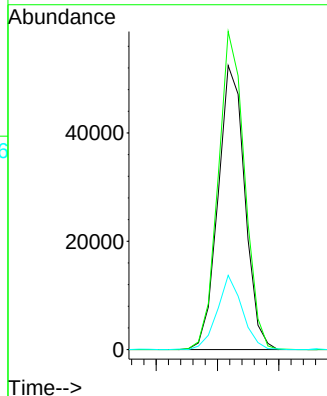
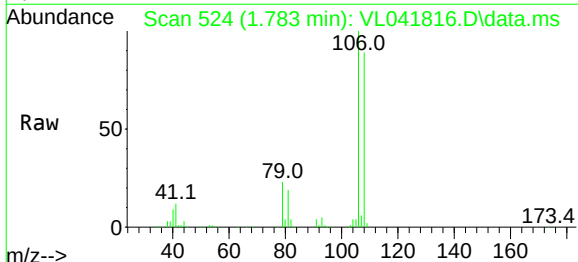
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

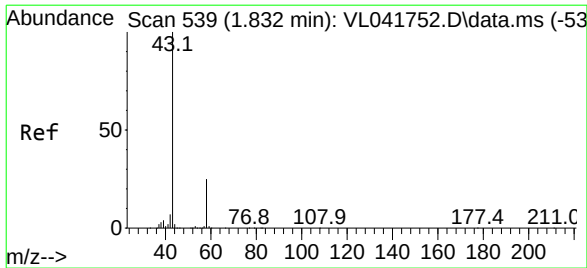
Tgt Ion: 45 Resp: 2654
Ion Ratio Lower Upper
45 100
46 34.4 16.4 65.8



#14
Bromoethene
Concen: 8.136 ppbv
RT: 1.783 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 108 Resp: 31772
Ion Ratio Lower Upper
108 100
106 110.9 84.1 126.1
79 24.7 17.4 26.0

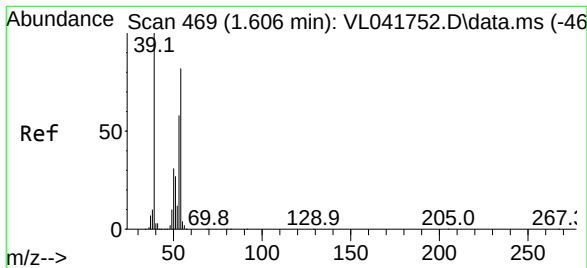
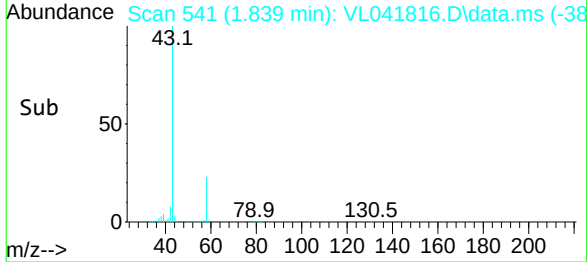
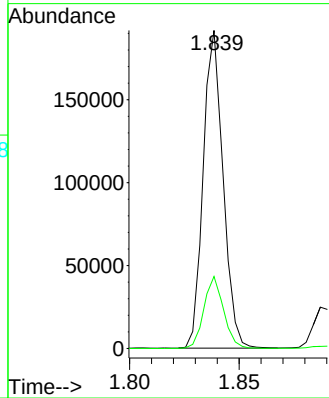
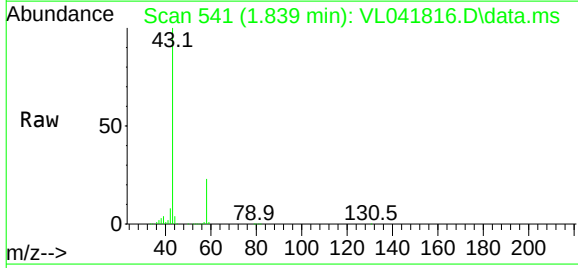




#15
Acetone
Concen: 7.712 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

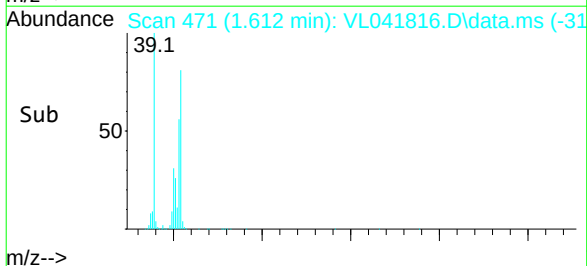
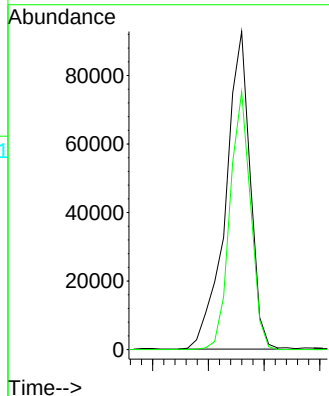
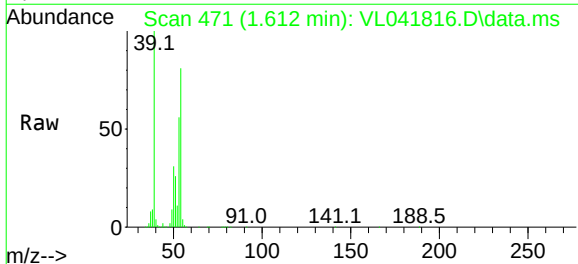
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

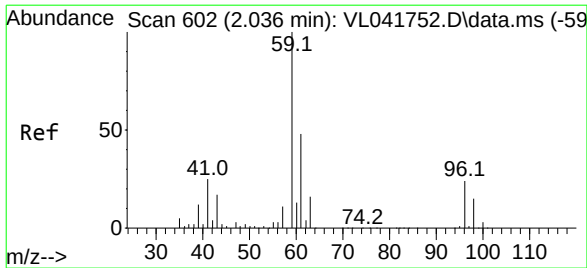
Tgt Ion: 43 Resp: 120737
Ion Ratio Lower Upper
43 100
58 22.5 19.7 29.5



#16
1,3-Butadiene
Concen: 9.213 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 39 Resp: 56794
Ion Ratio Lower Upper
39 100
54 68.6 58.4 87.6

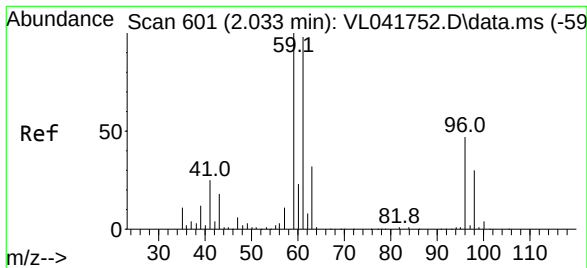
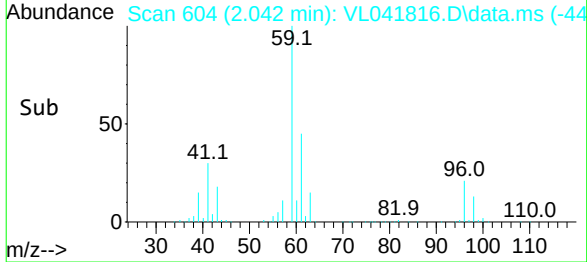
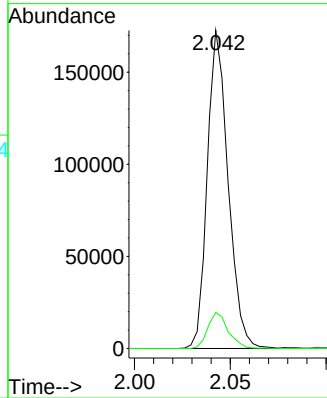
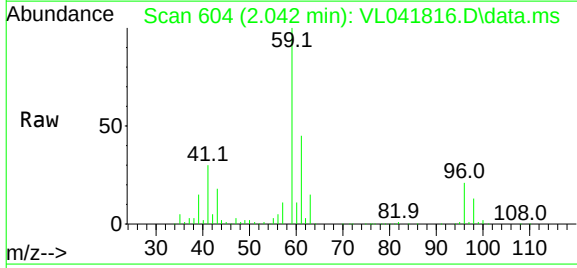




#17
tert-Butyl alcohol
Concen: 8.412 ppbv
RT: 2.042 min Scan# 60
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

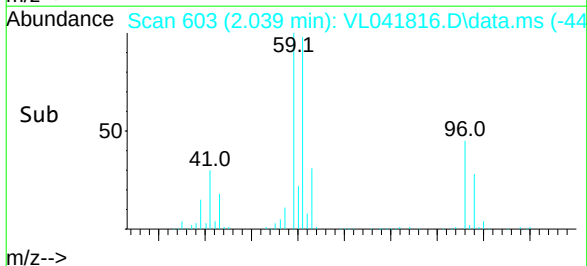
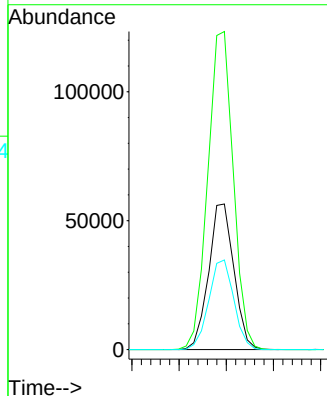
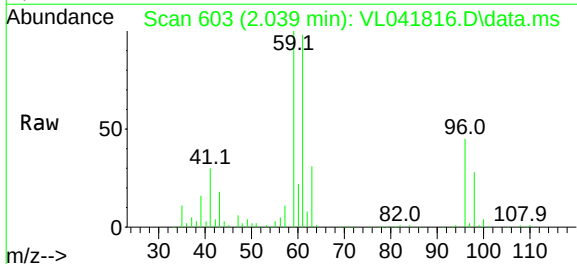
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

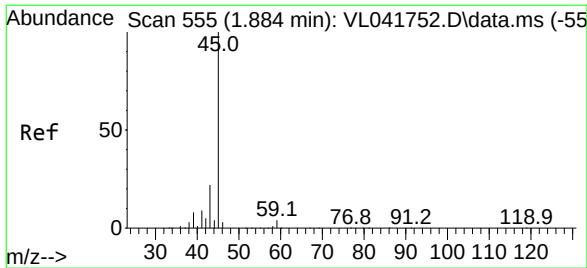
Tgt Ion: 59 Resp: 130646
Ion Ratio Lower Upper
59 100
57 11.1 8.6 13.0



#18
1,1-Dichloroethene
Concen: 8.683 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 96 Resp: 42108
Ion Ratio Lower Upper
96 100
61 218.3 167.7 251.5
98 61.6 51.1 76.7

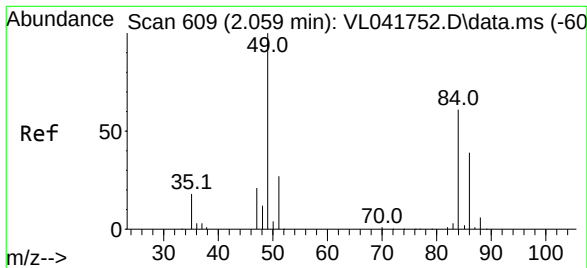
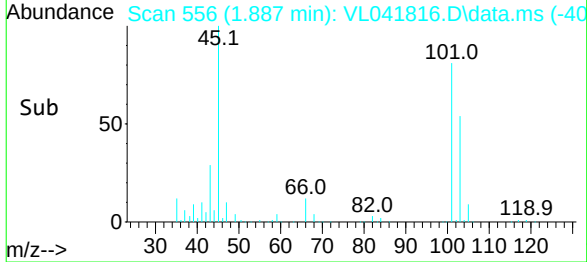
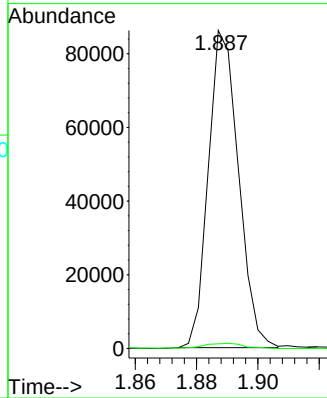
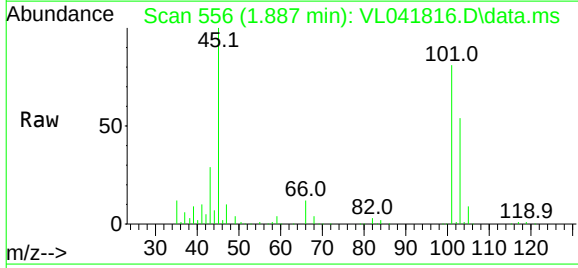




#19
Isopropyl Alcohol
Concen: 6.268 ppbv
RT: 1.887 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

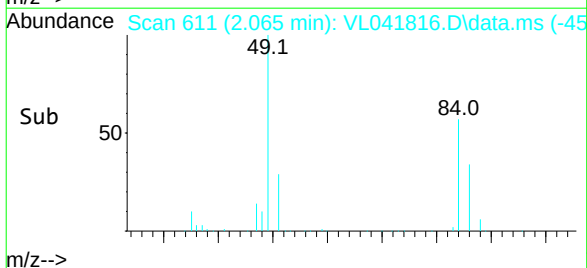
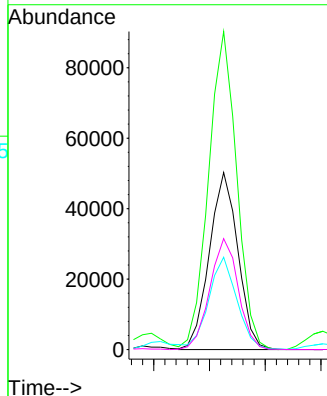
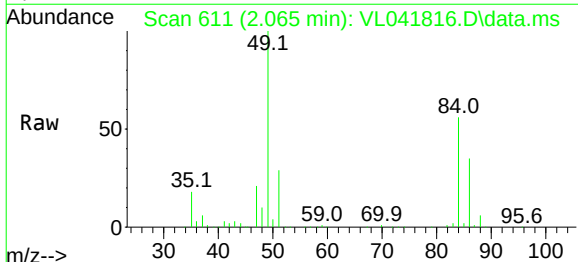
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

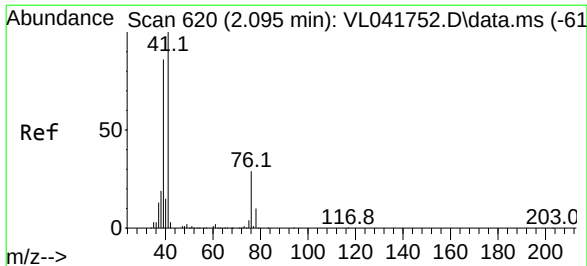
Tgt Ion: 45 Resp: 58883
Ion Ratio Lower Upper
45 100
58 2.2 33.3 49.9#



#20
Methylene Chloride
Concen: 8.015 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 84 Resp: 35778
Ion Ratio Lower Upper
84 100
49 179.4 132.6 198.8
51 51.7 37.6 56.4
86 62.5 51.4 77.0





#21

Allyl Chloride

Concen: 8.948 ppbv

RT: 2.101 min Scan# 62

Delta R.T. 0.006 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

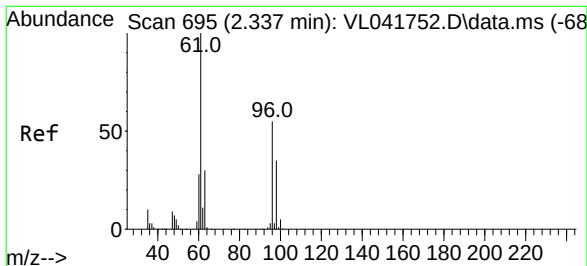
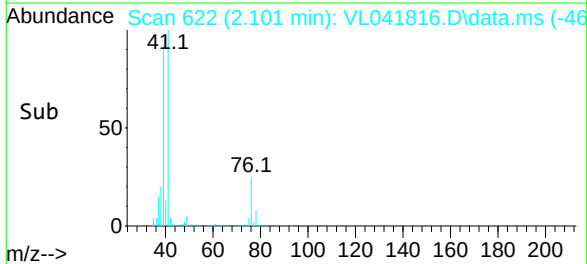
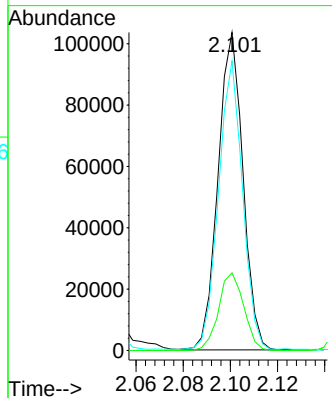
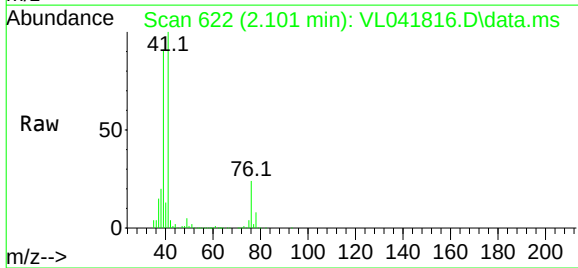
Tgt Ion: 41 Resp: 75977

Ion Ratio Lower Upper

41 100

76 24.6 22.3 33.5

39 87.8 69.2 103.8



#22

trans-1,2-Dichloroethene

Concen: 8.185 ppbv

RT: 2.347 min Scan# 698

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

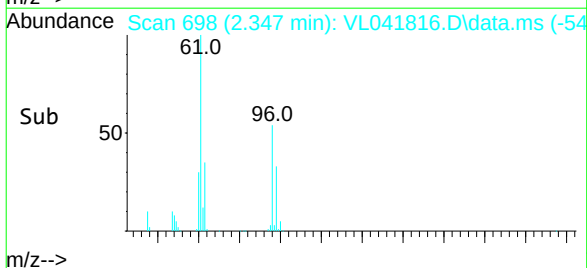
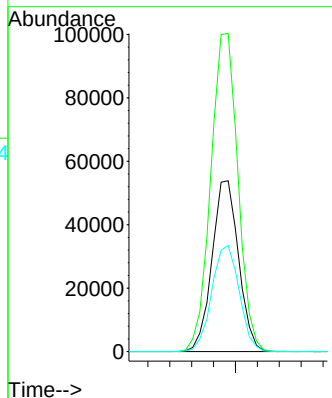
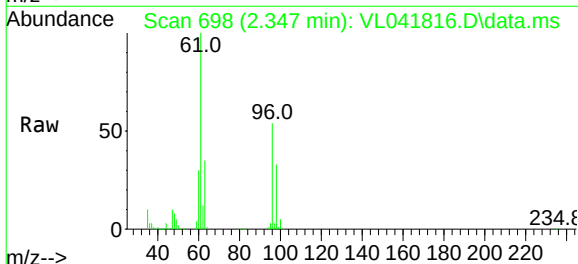
Tgt Ion: 96 Resp: 45432

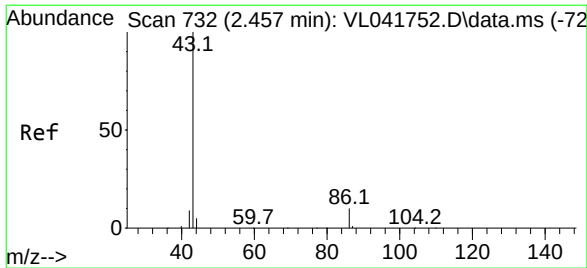
Ion Ratio Lower Upper

96 100

61 186.1 146.3 219.5

98 62.1 50.8 76.2

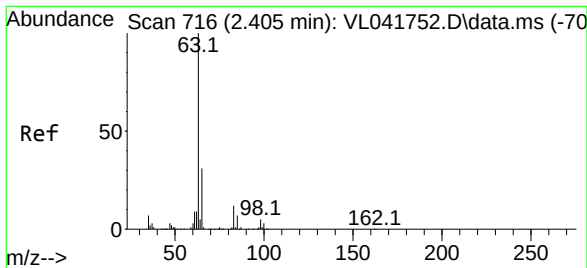
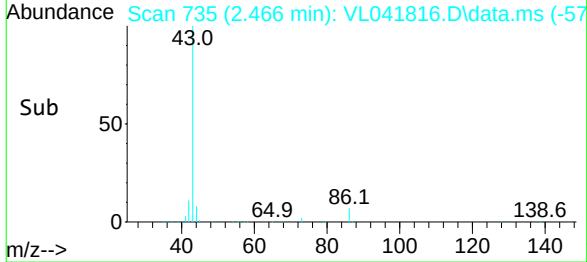
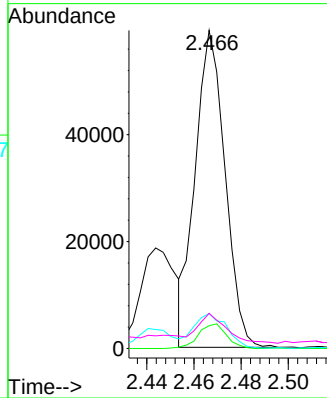
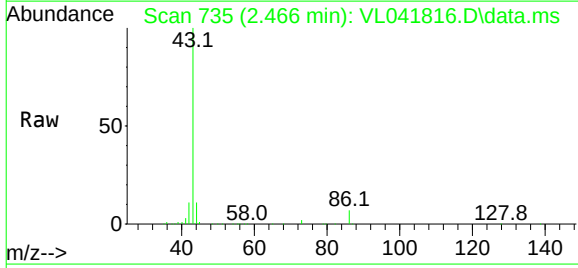




#23
 Vinyl Acetate
 Concen: 7.164 ppbv
 RT: 2.466 min Scan# 732
 Delta R.T. 0.009 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

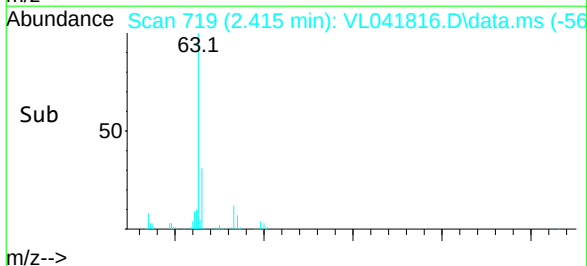
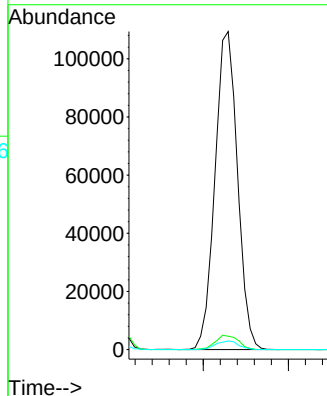
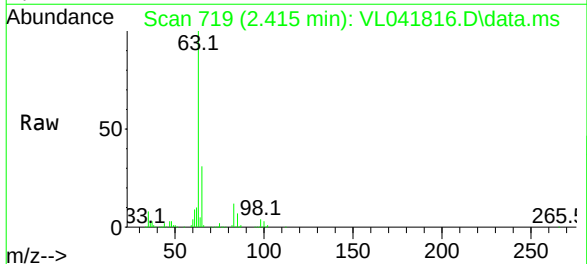
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

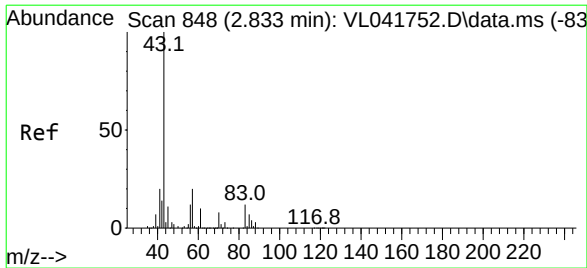
Tgt Ion:	43	Resp:	52077
Ion	Ratio	Lower	Upper
43	100		
86	7.0	6.6	10.0
42	10.8	8.2	12.2
44	9.4	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 8.933 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.009 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

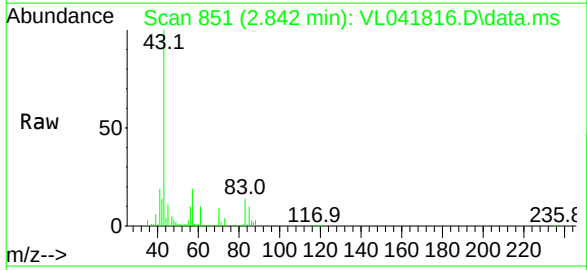
Tgt Ion:	63	Resp:	100372
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.8
100	2.7	1.4	4.2



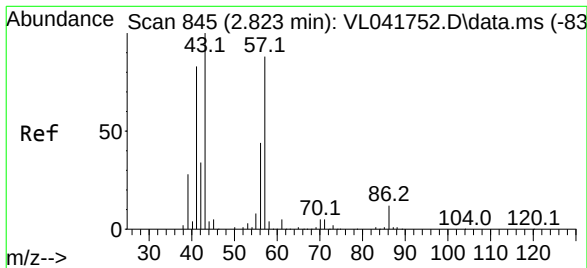
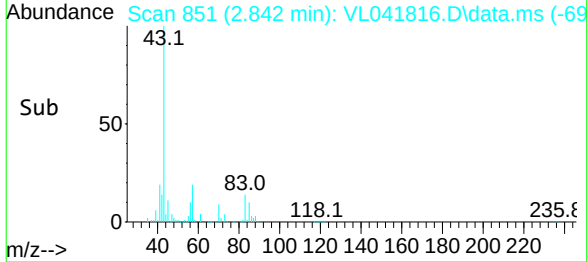
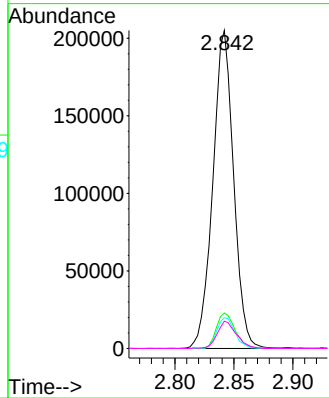


#25
Ethyl Acetate
Concen: 8.627 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

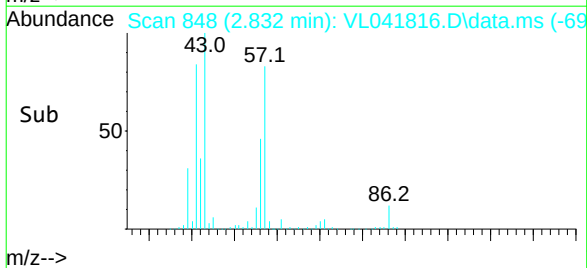
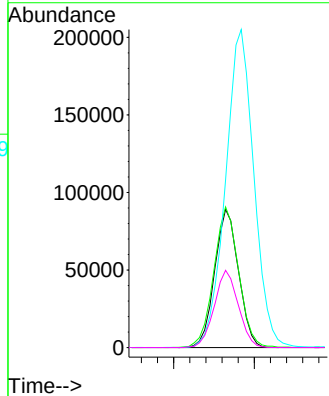
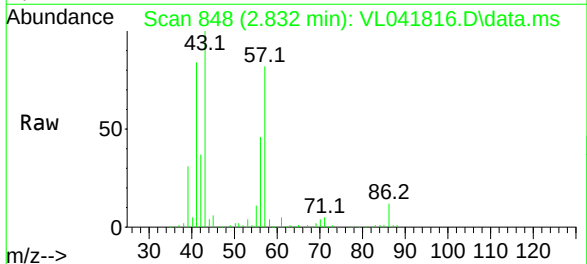


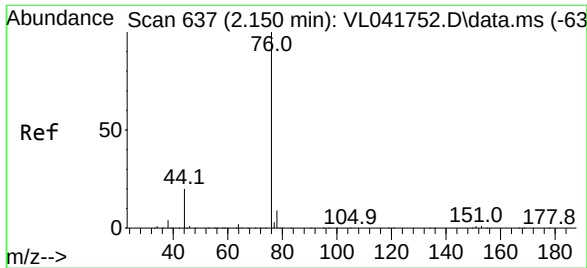
Tgt Ion: 43	Resp: 251237
Ion Ratio	Lower Upper
43 100	
45 10.1	8.1 12.1
61 8.5	7.0 10.6
70 8.0	6.5 9.7



#26
Hexane
Concen: 8.257 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 57	Resp: 91261
Ion Ratio	Lower Upper
57 100	
41 106.7	79.6 119.4
43 276.5	211.0 316.6
56 56.4	42.6 63.8





#27

Carbon Disulfide

Concen: 7.828 ppbv

RT: 2.156 min Scan# 63

Delta R.T. 0.006 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

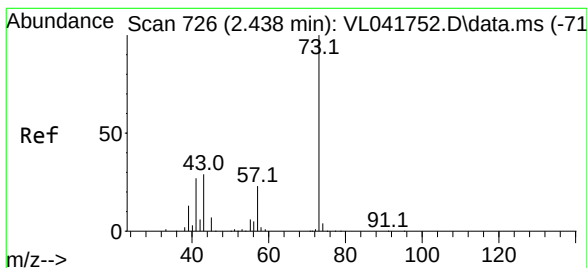
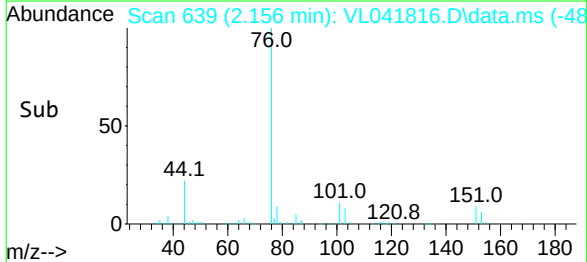
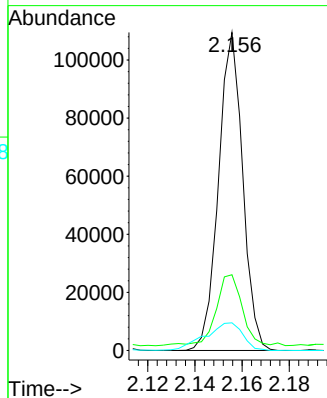
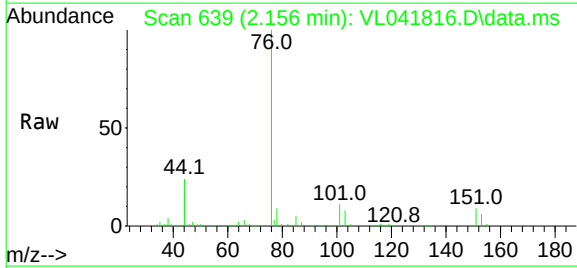
Tgt Ion: 76 Resp: 77966

Ion Ratio Lower Upper

76 100

44 24.0 17.6 26.4

78 13.5 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 6.991 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.006 min

Lab File: VL041816.D

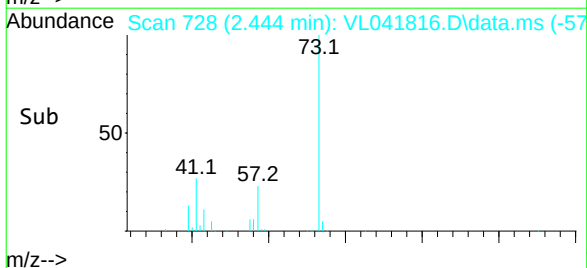
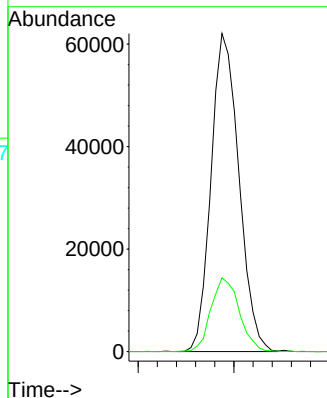
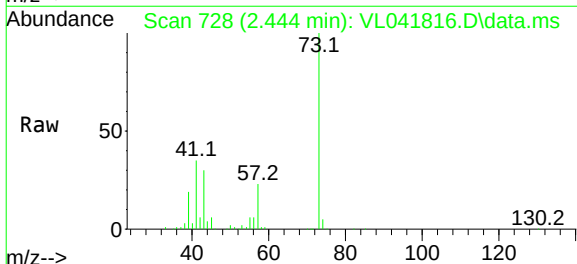
Acq: 19 Dec 2024 03:31

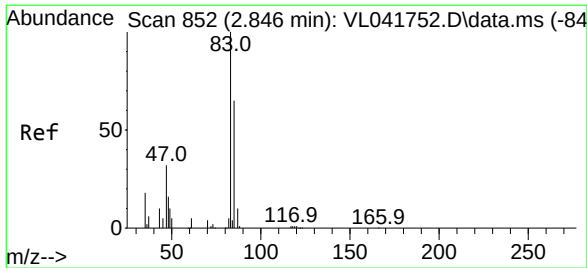
Tgt Ion: 73 Resp: 62687

Ion Ratio Lower Upper

73 100

57 23.6 17.6 26.4

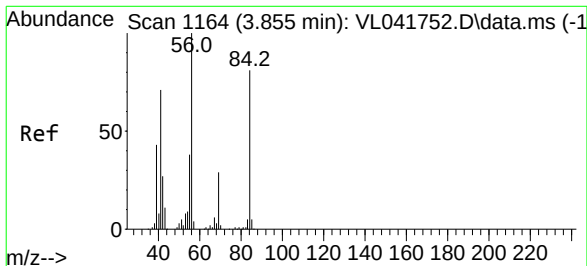
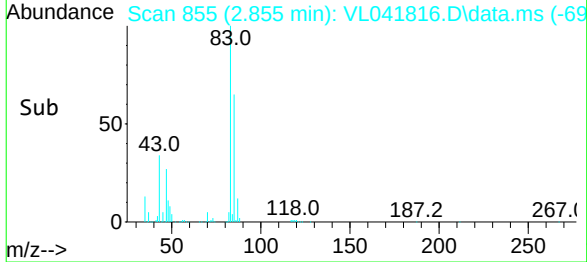
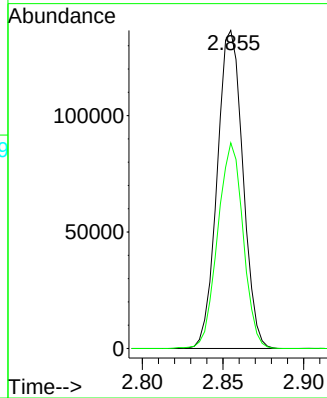
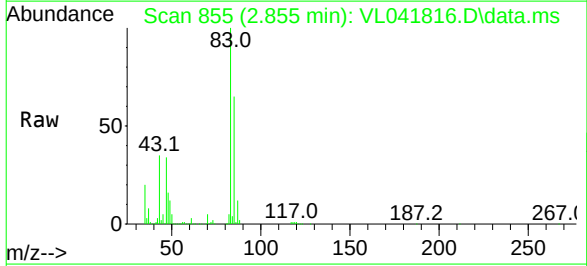




#29
Chloroform
Concen: 8.982 ppbv
RT: 2.855 min Scan# 85
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

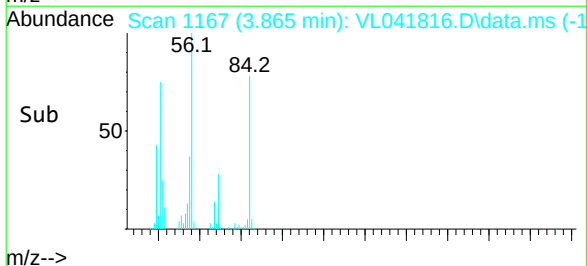
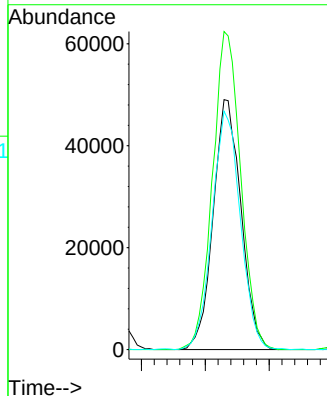
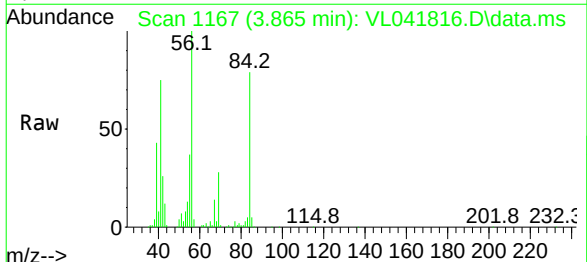
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

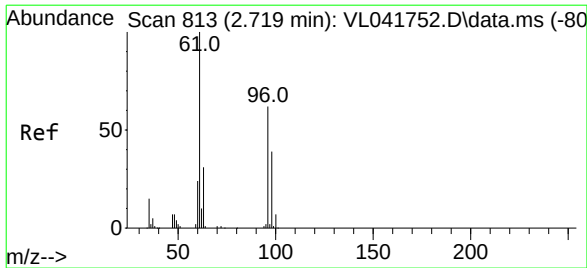
Tgt Ion: 83 Resp: 151278
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6



#30
Cyclohexane
Concen: 7.882 ppbv
RT: 3.865 min Scan# 1167
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 84 Resp: 74123
Ion Ratio Lower Upper
84 100
56 128.8 102.3 153.5
41 97.0 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 7.961 ppbv

RT: 2.729 min Scan# 81

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

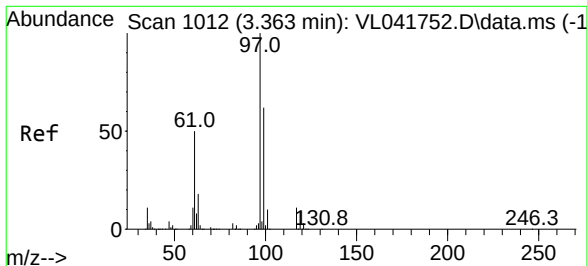
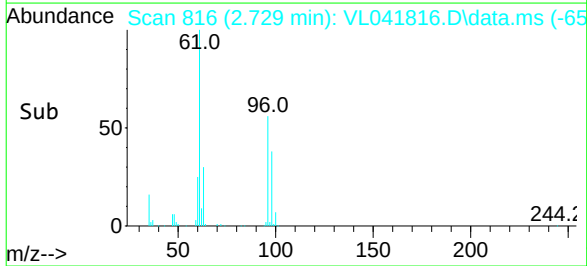
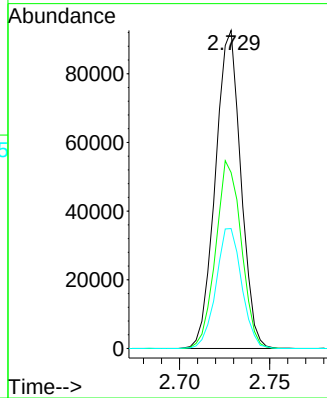
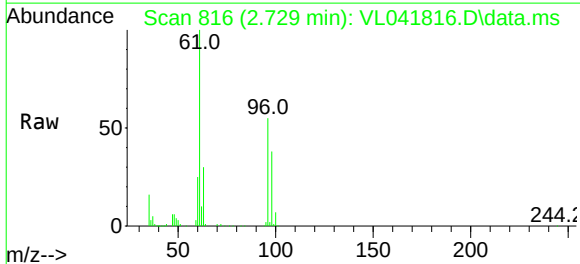
Tgt Ion: 61 Resp: 90920

Ion Ratio Lower Upper

61 100

96 55.3 49.7 74.5

98 37.7 30.8 46.2



#32

1,1,1-Trichloroethane

Concen: 8.269 ppbv

RT: 3.376 min Scan# 1016

Delta R.T. 0.012 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

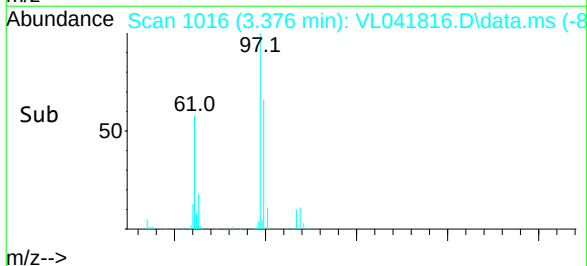
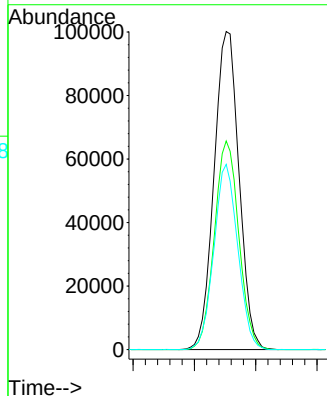
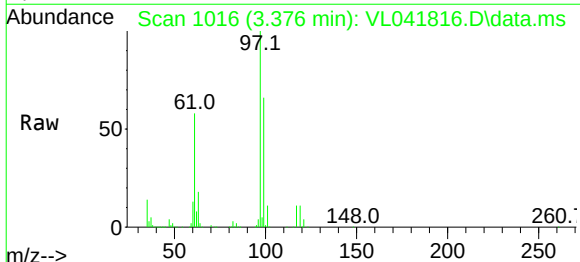
Tgt Ion: 97 Resp: 141589

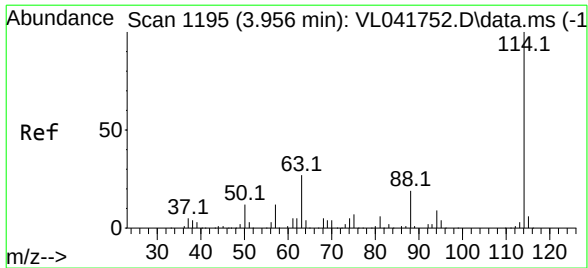
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 55.9 42.2 63.2

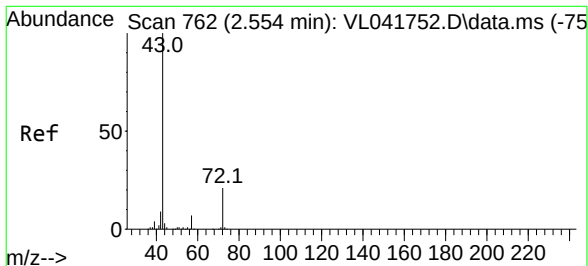
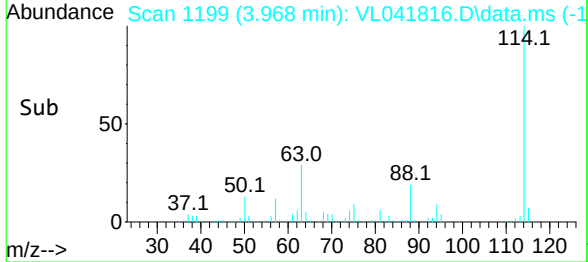
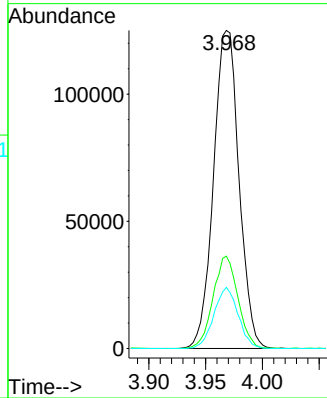
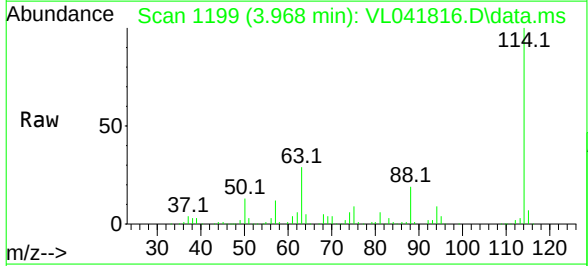




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.013 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

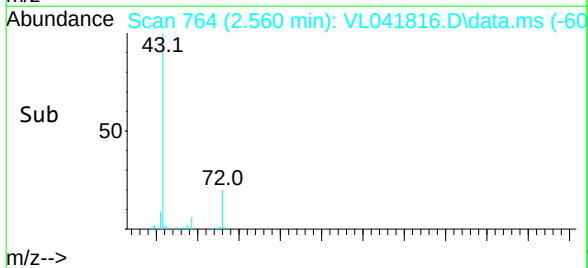
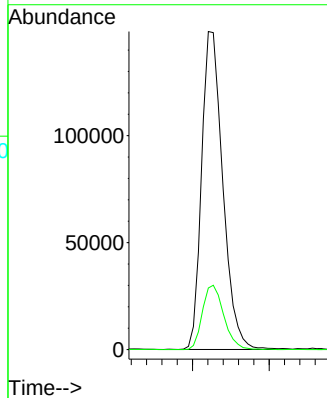
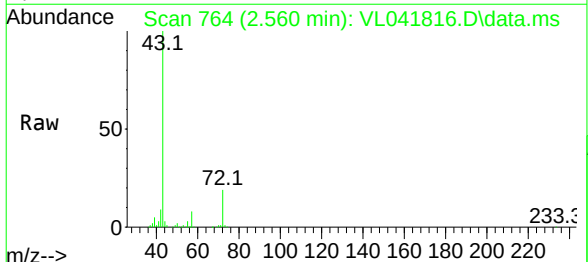
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

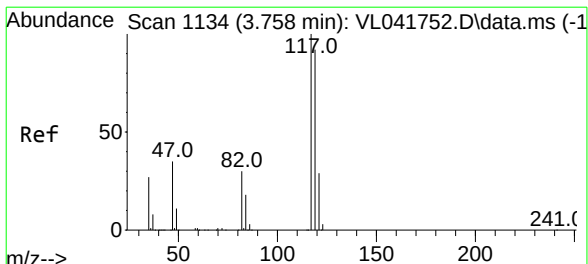
Tgt Ion:	114	Resp:	194995
Ion	Ratio	Lower	Upper
114	100		
63	28.4	21.8	32.8
88	18.3	14.8	22.2



#34
2-Butanone
Concen: 9.121 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.006 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

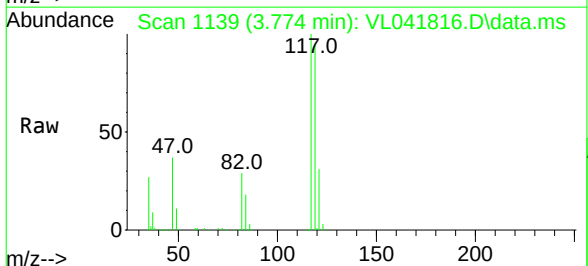
Tgt Ion:	43	Resp:	143094
Ion	Ratio	Lower	Upper
43	100		
72	20.5	16.8	25.2





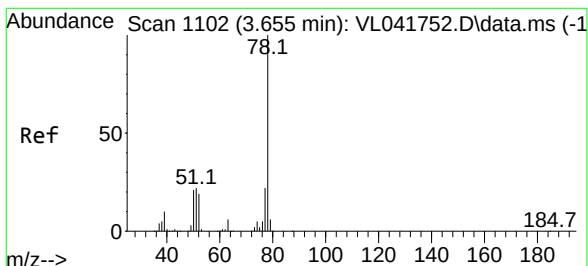
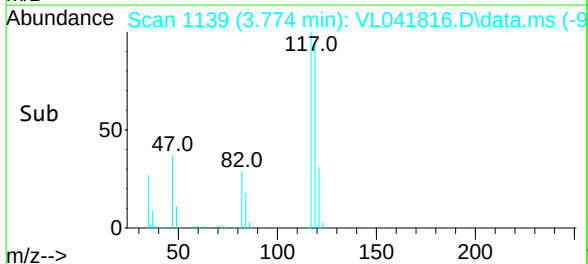
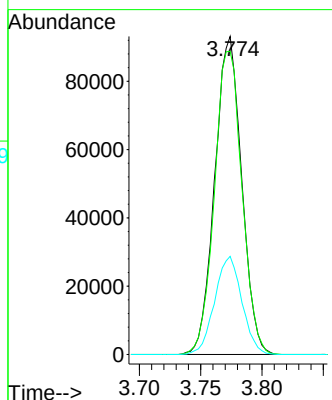
#35
 Carbon Tetrachloride
 Concen: 10.264 ppbv
 RT: 3.774 min Scan# 1119
 Delta R.T. 0.016 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 117 Resp: 142088

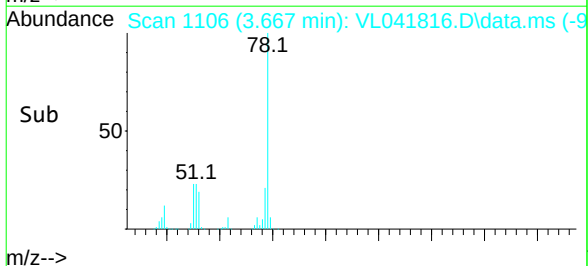
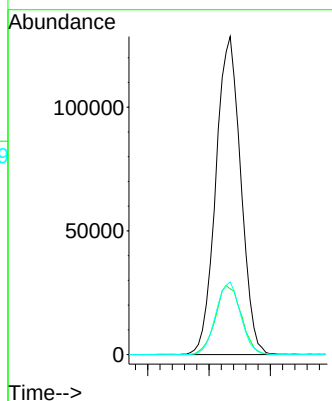
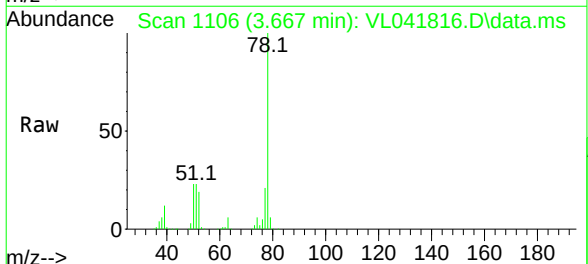
Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.7	110.5
121	30.8	23.0	34.4

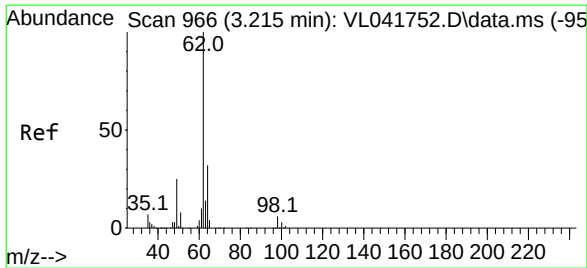


#36
 Benzene
 Concen: 9.012 ppbv
 RT: 3.667 min Scan# 1106
 Delta R.T. 0.012 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Tgt Ion: 78 Resp: 181775

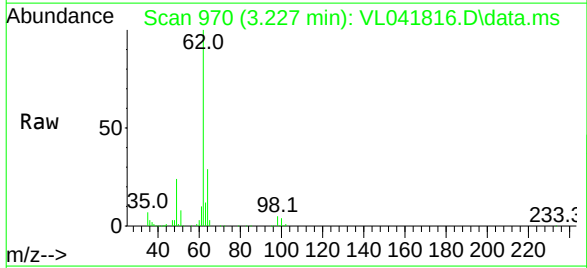
Ion	Ratio	Lower	Upper
78	100		
77	20.6	17.8	26.6
50	22.8	17.2	25.8



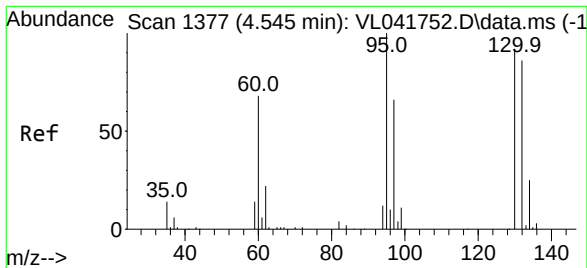
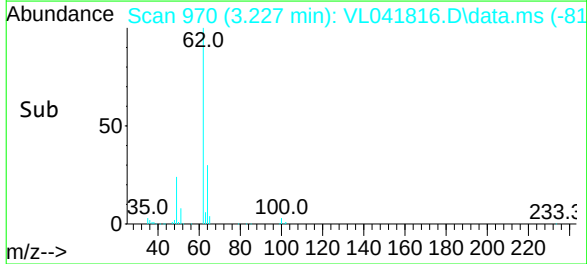
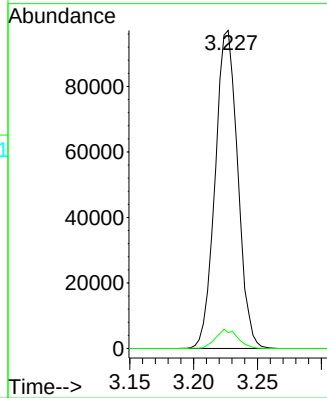


#37
1,2-Dichloroethane
Concen: 9.505 ppbv
RT: 3.227 min Scan# 97
Delta R.T. 0.013 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

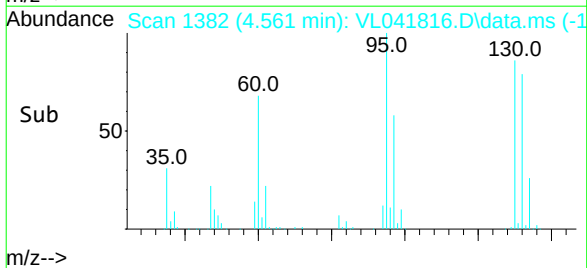
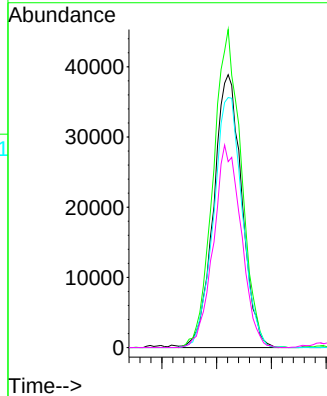
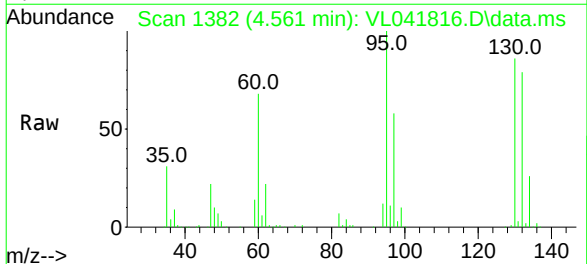


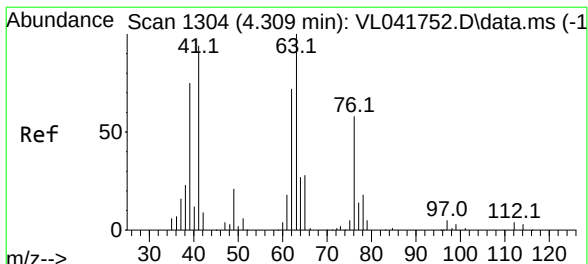
Tgt Ion: 62 Resp: 119295
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1



#38
Trichloroethene
Concen: 8.090 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.016 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

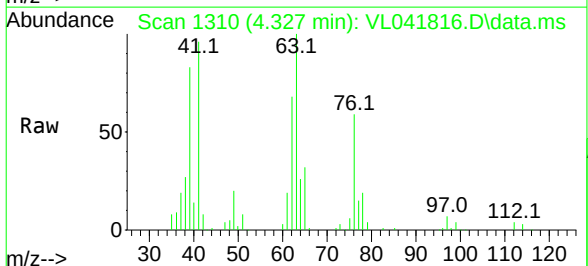
Tgt Ion: 130 Resp: 69271
Ion Ratio Lower Upper
130 100
95 116.5 87.0 130.6
132 91.5 75.0 112.6
97 68.1 57.2 85.8





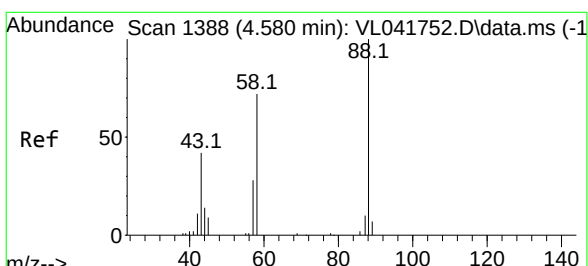
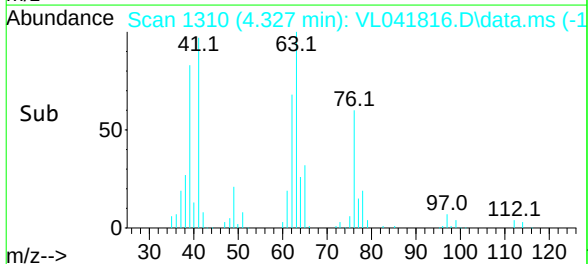
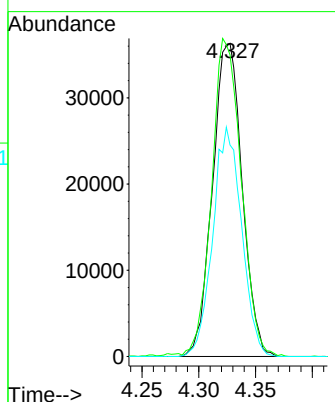
#39
 1,2-Dichloropropane
 Concen: 9.044 ppbv
 RT: 4.327 min Scan# 1310
 Delta R.T. 0.019 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 63 Resp: 65973

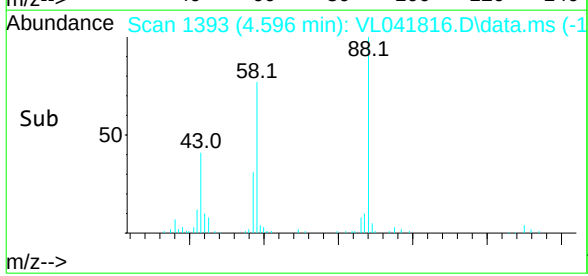
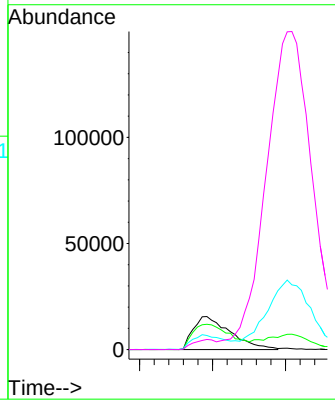
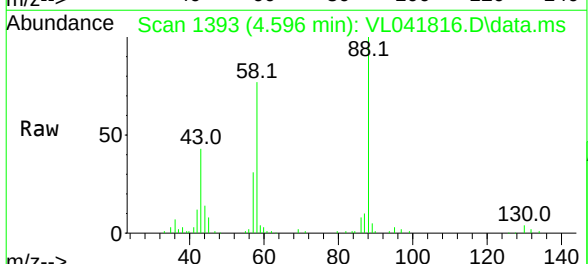
Ion	Ratio	Lower	Upper
63	100		
41	96.0	75.3	112.9
62	67.5	57.3	85.9

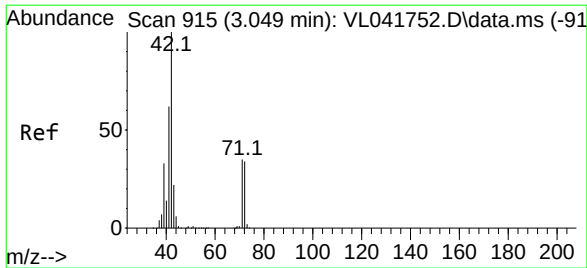


#40
 1,4-Dioxane
 Concen: 7.750 ppbv
 RT: 4.596 min Scan# 1393
 Delta R.T. 0.016 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Tgt Ion: 88 Resp: 27617

Ion	Ratio	Lower	Upper
88	100		
58	82.4	61.0	91.6
43	43.6	29.4	44.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 8.793 ppbv

RT: 3.062 min Scan# 91

Delta R.T. 0.013 min

Lab File: VL041816.D

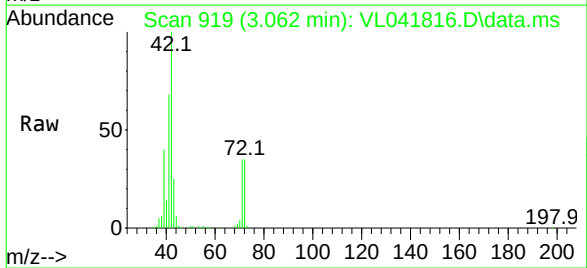
Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



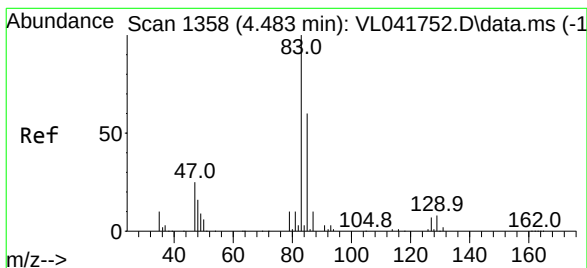
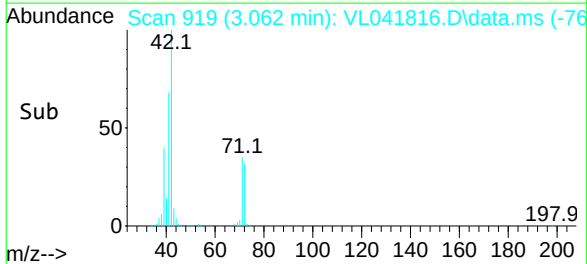
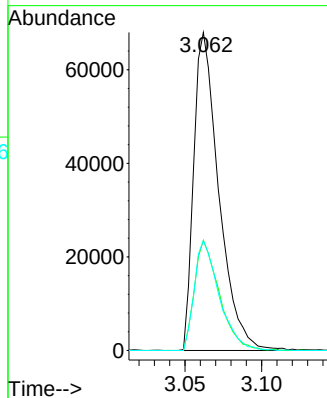
Tgt Ion: 42 Resp: 77282

Ion Ratio Lower Upper

42 100

72 34.4 29.1 43.7

71 34.2 28.4 42.6



#42

Bromodichloromethane

Concen: 9.753 ppbv

RT: 4.499 min Scan# 1363

Delta R.T. 0.016 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

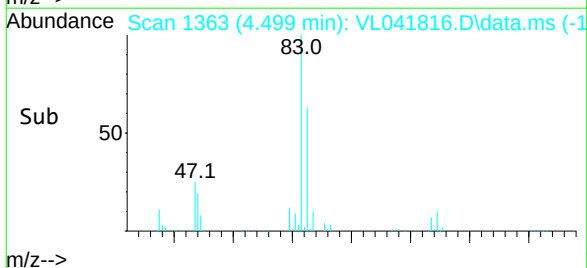
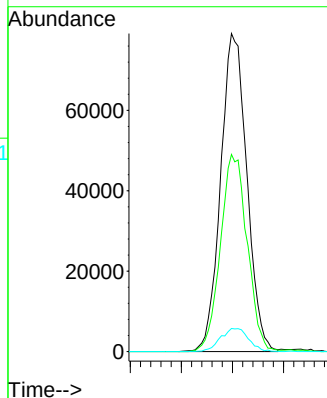
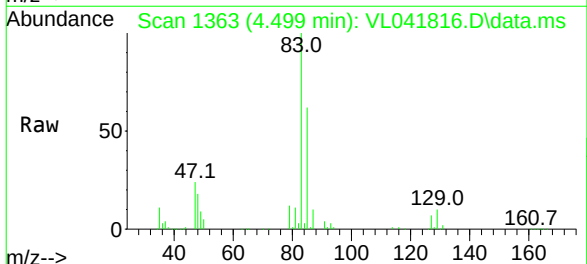
Tgt Ion: 83 Resp: 140825

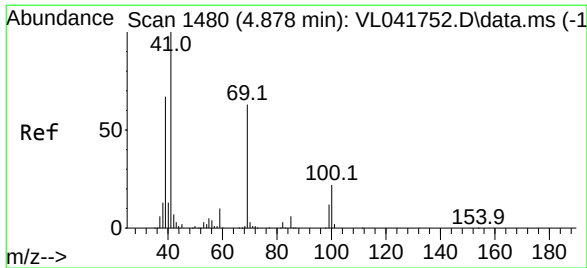
Ion Ratio Lower Upper

83 100

85 62.0 48.0 72.0

127 7.3 5.8 8.8

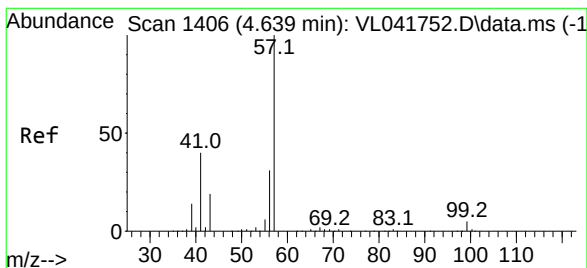
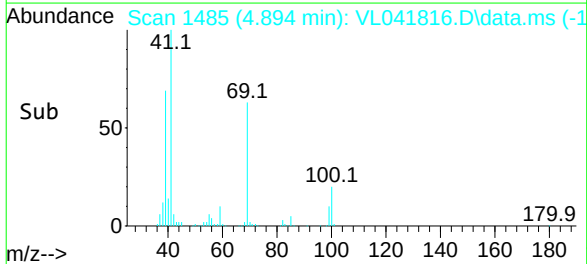
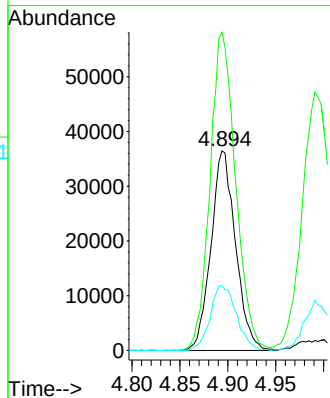
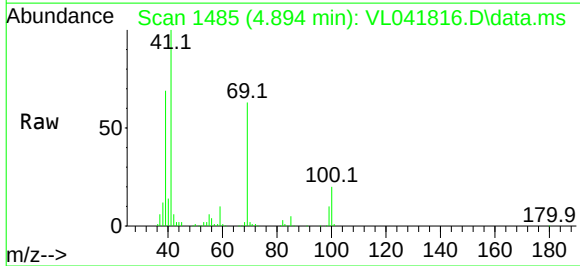




#43
Methyl Methacrylate
Concen: 8.470 ppbv
RT: 4.894 min Scan# 1411
Delta R.T. 0.016 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

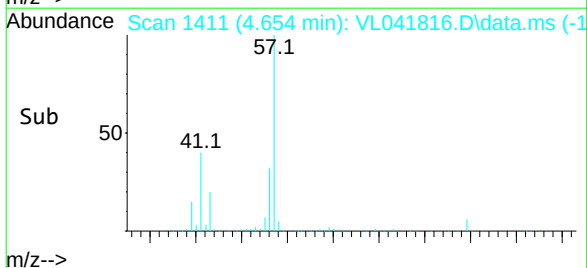
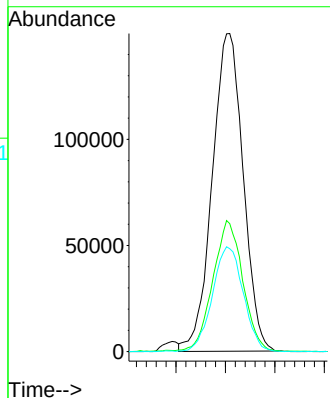
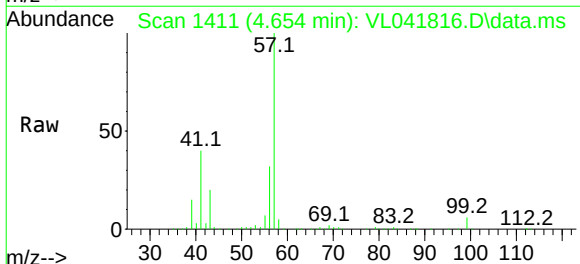
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

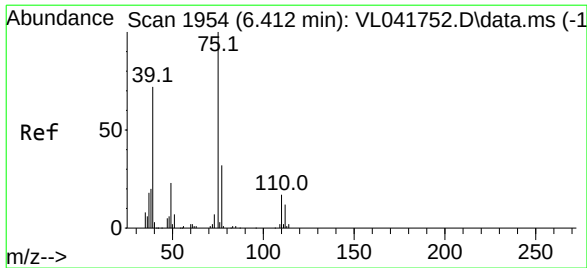
Tgt Ion: 69 Resp: 65091
Ion Ratio Lower Upper
69 100
41 166.1 130.3 195.5
100 34.8 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 9.450 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. 0.016 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 57 Resp: 325525
Ion Ratio Lower Upper
57 100
41 40.4 30.7 46.1
56 33.0 25.4 38.0

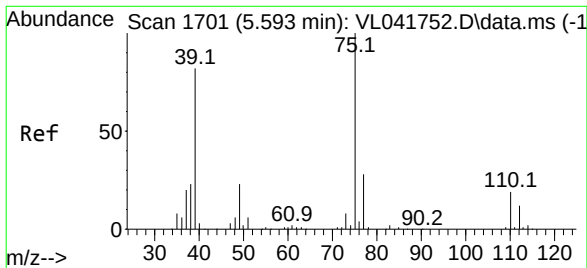
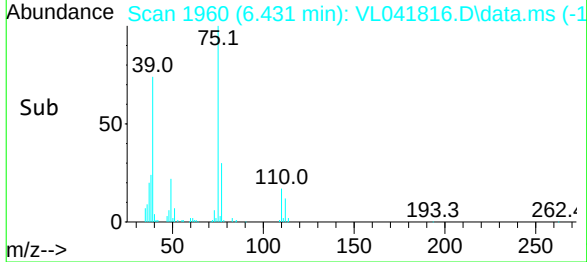
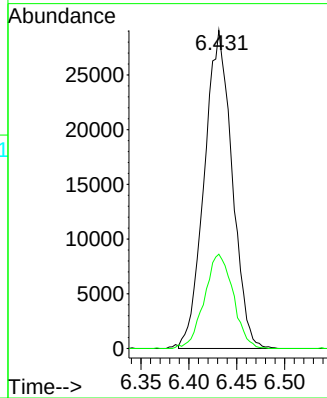
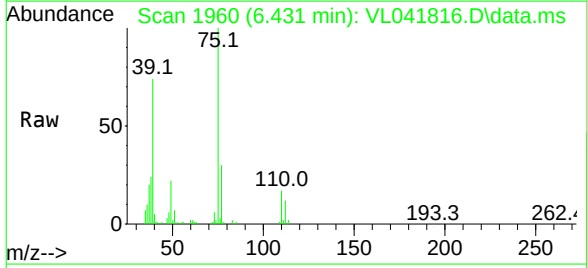




#45
t-1,3-Dichloropropene
Concen: 7.389 ppbv
RT: 6.431 min Scan# 1954
Delta R.T. 0.019 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

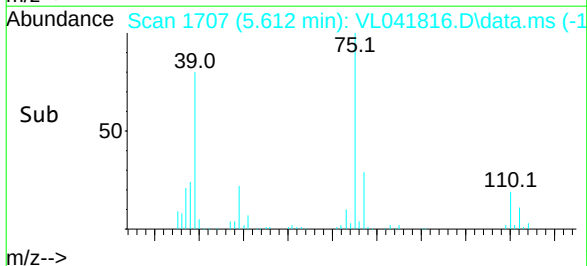
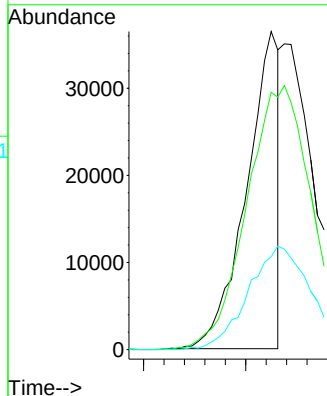
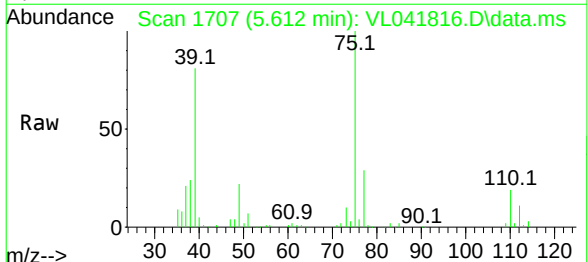
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

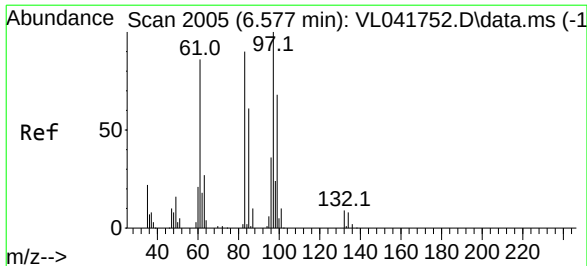
Tgt Ion: 75 Resp: 58734
Ion Ratio Lower Upper
75 100
77 29.6 25.9 38.9



#46
cis-1,3-Dichloropropene
Concen: 3.993 ppbv
RT: 5.612 min Scan# 1707
Delta R.T. 0.019 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 75 Resp: 40296
Ion Ratio Lower Upper
75 100
39 80.5 65.2 97.8
77 29.3 22.0 33.0

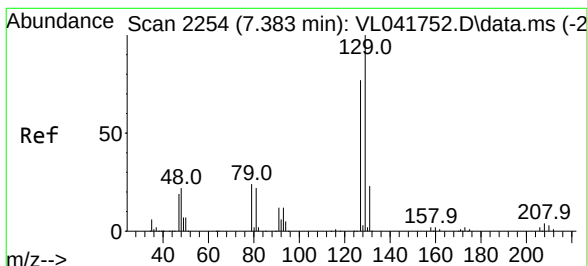
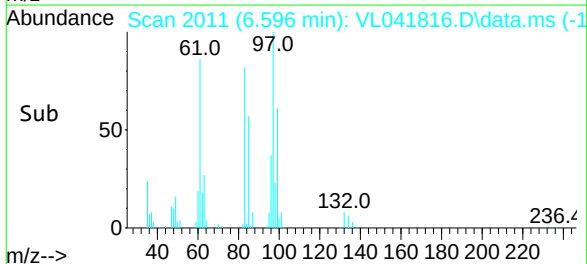
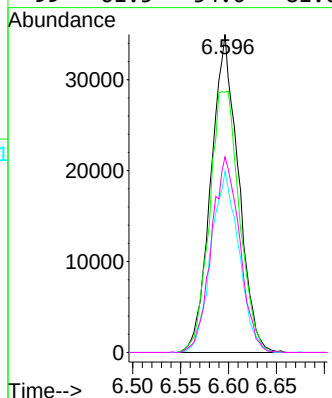
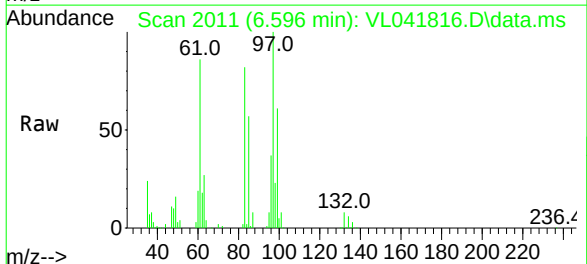




#47
1,1,2-Trichloroethane
Concen: 9.136 ppbv
RT: 6.596 min Scan# 2011
Delta R.T. 0.019 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

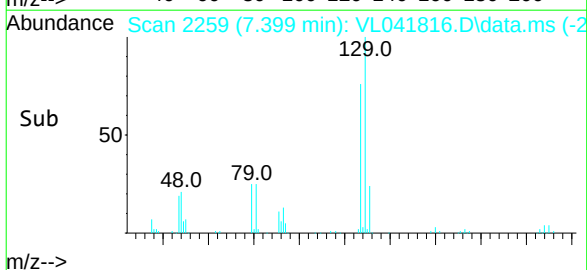
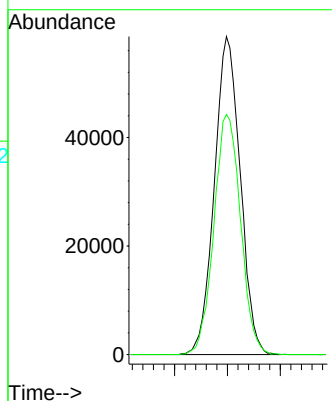
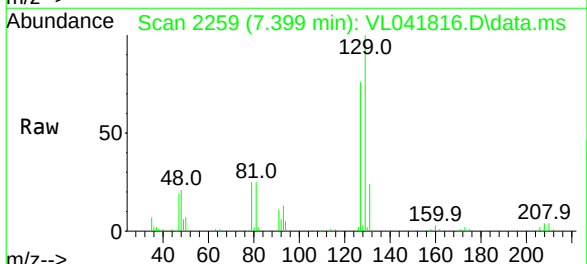
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

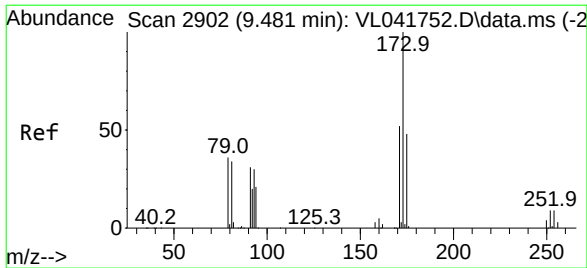
Tgt Ion:	97	Resp:	69616
Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.3	108.5
85	56.9	48.5	72.7
99	61.5	54.0	81.0



#48
Dibromochloromethane
Concen: 9.591 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. 0.016 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion:	129	Resp:	99788
Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.3





#49

Bromoform

Concen: 9.136 ppbv

RT: 9.493 min Scan# 29

Delta R.T. 0.013 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

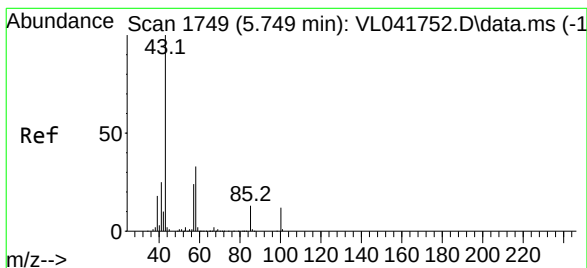
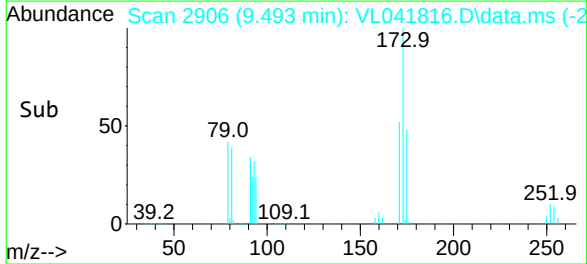
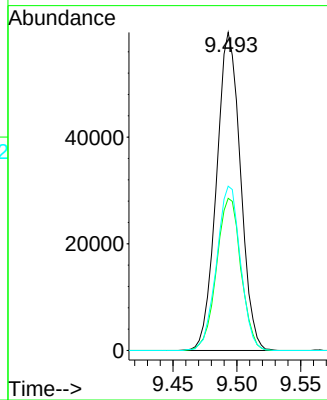
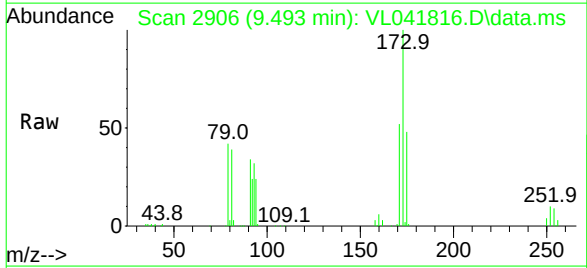
Tgt Ion: 173 Resp: 77811

Ion Ratio Lower Upper

173 100

175 48.8 38.2 57.2

171 51.5 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 9.219 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. 0.022 min

Lab File: VL041816.D

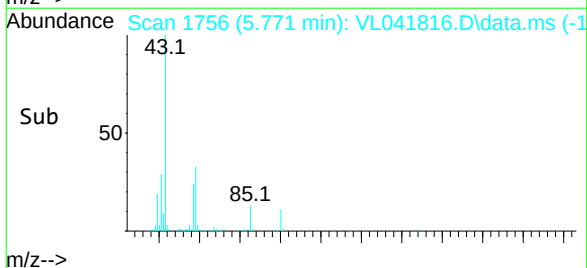
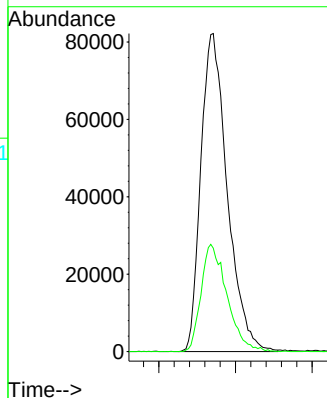
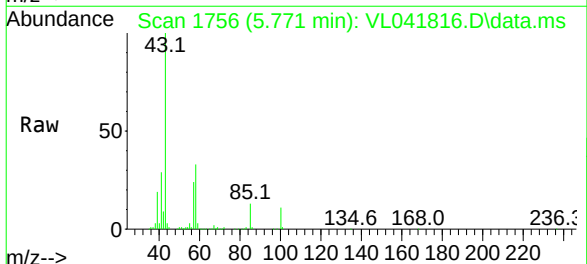
Acq: 19 Dec 2024 03:31

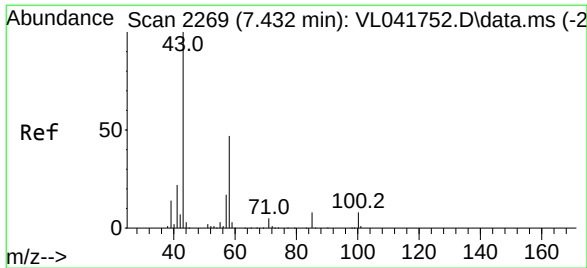
Tgt Ion: 43 Resp: 196906

Ion Ratio Lower Upper

43 100

58 33.0 26.8 40.2





#51

2-Hexanone

Concen: 8.677 ppbv

RT: 7.451 min Scan# 2269

Delta R.T. 0.019 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

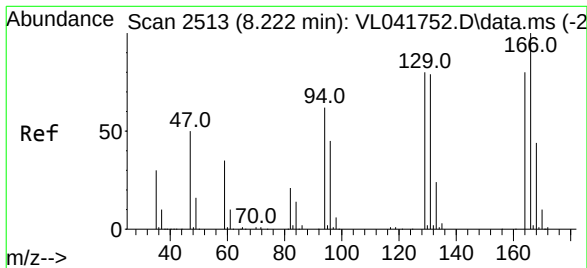
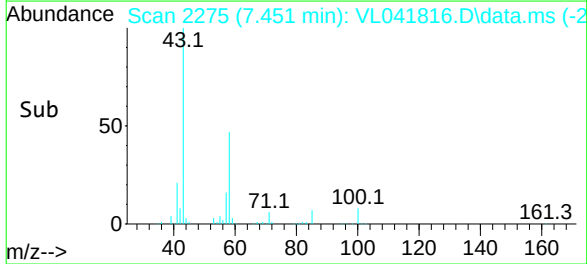
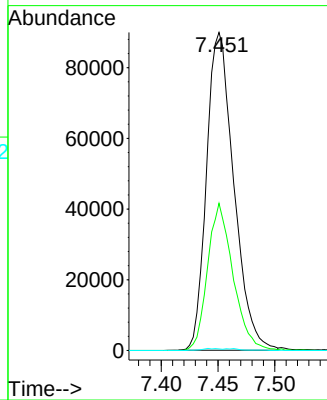
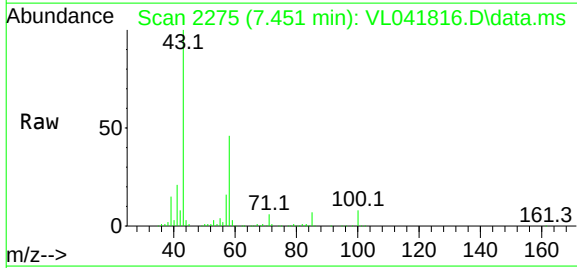
Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 150220
 Ion Ratio Lower Upper
 43 100
 58 43.3 36.6 55.0
 98 0.8 0.1 0.1#



#52

Tetrachloroethene

Concen: 7.476 ppbv

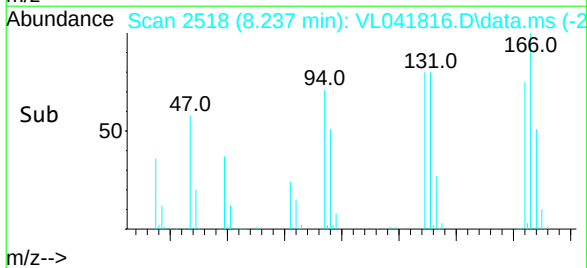
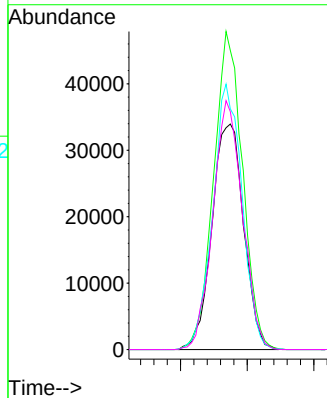
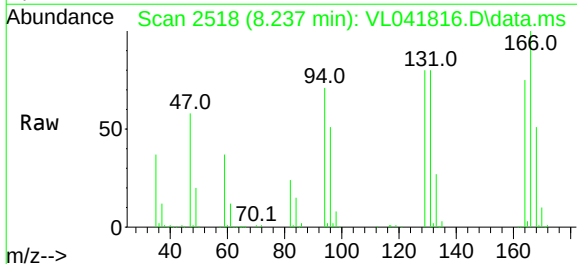
RT: 8.237 min Scan# 2518

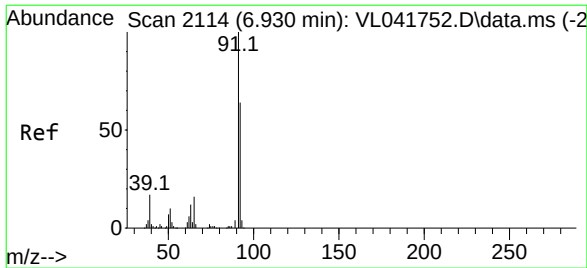
Delta R.T. 0.016 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Tgt Ion: 164 Resp: 56129
 Ion Ratio Lower Upper
 164 100
 166 132.4 99.8 149.6
 129 106.4 79.6 119.4
 131 105.3 78.6 117.8





#53

Toluene

Concen: 8.316 ppbv

RT: 6.949 min Scan# 2114

Delta R.T. 0.019 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

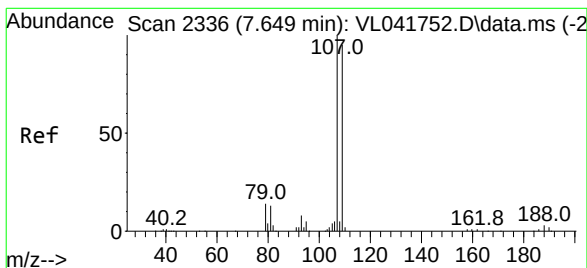
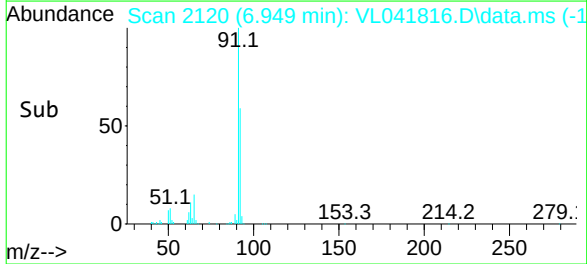
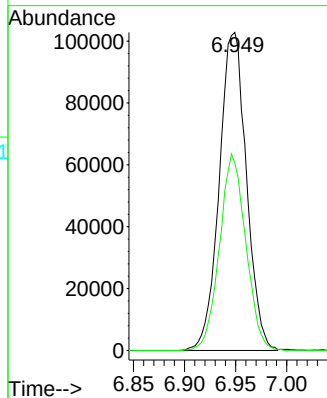
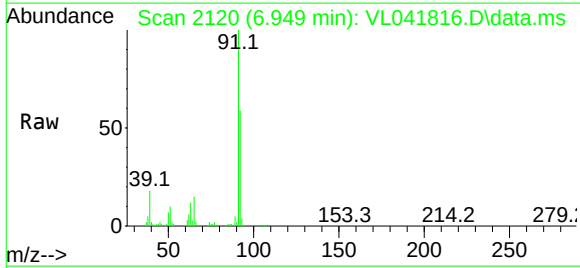
VSTDCCC010EC

Tgt Ion: 91 Resp: 190165

Ion Ratio Lower Upper

91 100

92 59.8 47.9 71.9



#54

1,2-Dibromoethane

Concen: 8.794 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. 0.019 min

Lab File: VL041816.D

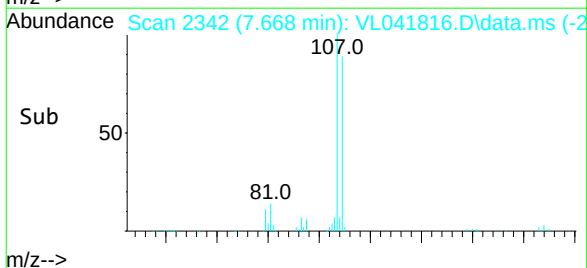
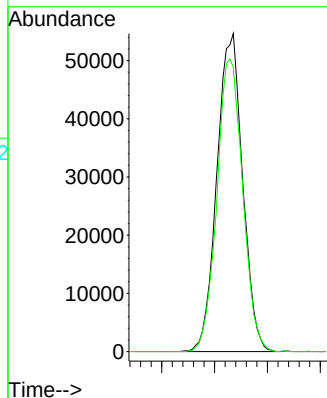
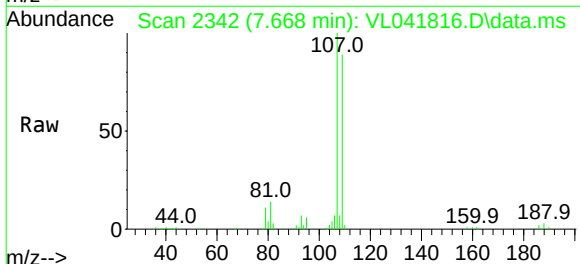
Acq: 19 Dec 2024 03:31

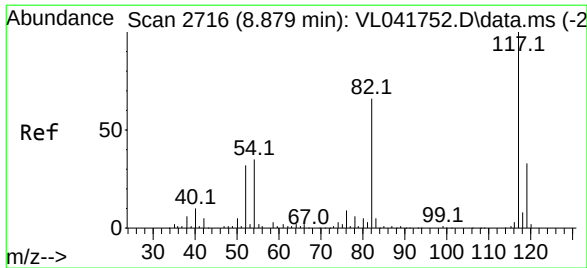
Tgt Ion: 107 Resp: 92331

Ion Ratio Lower Upper

107 100

109 89.4 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2716

Delta R.T. 0.012 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

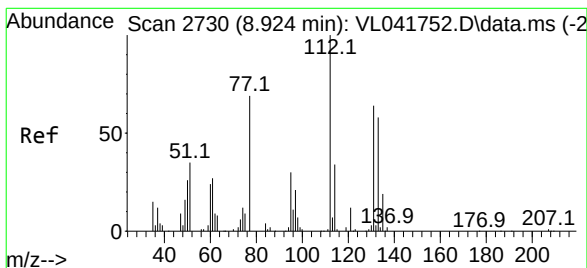
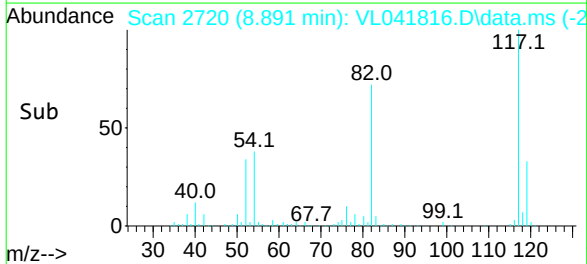
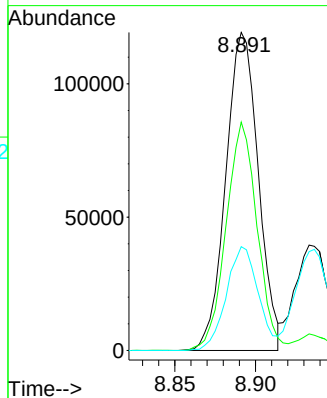
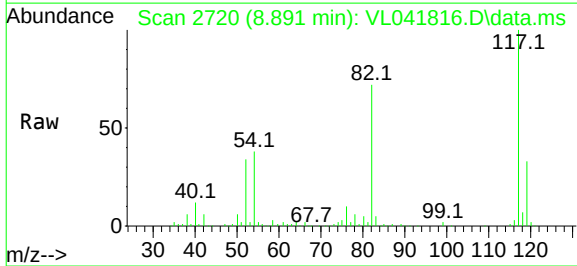
Tgt Ion:117 Resp: 167221

Ion Ratio Lower Upper

117 100

82 73.6 53.8 80.8

119 31.6 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 10.040 ppbv

RT: 8.936 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

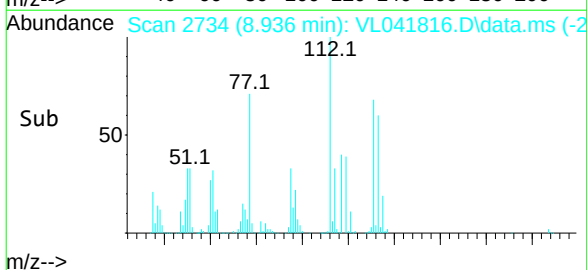
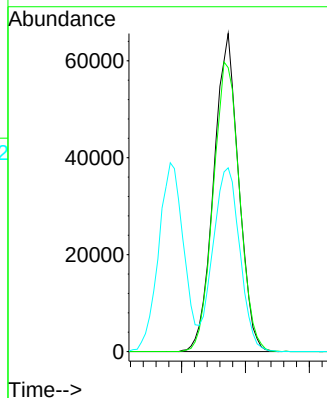
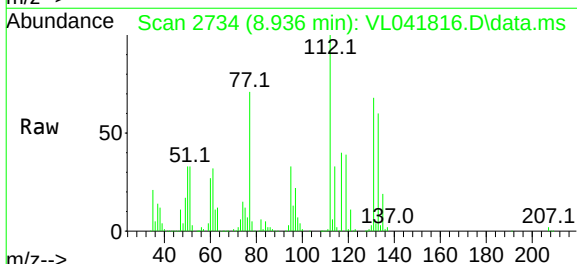
Tgt Ion:131 Resp: 89008

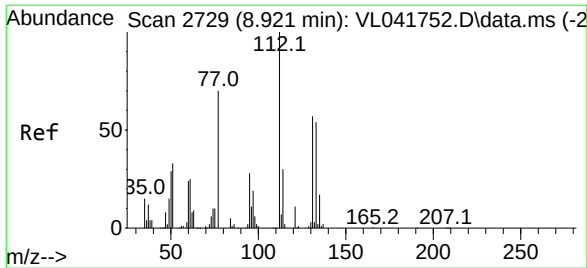
Ion Ratio Lower Upper

131 100

133 96.1 76.8 115.2

119 62.9 49.0 73.6

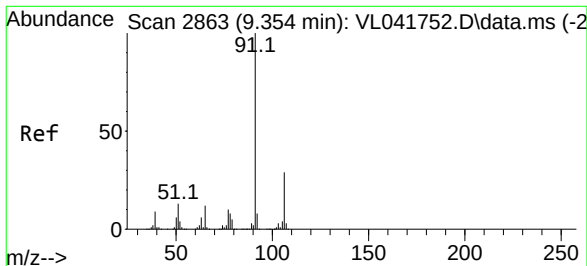
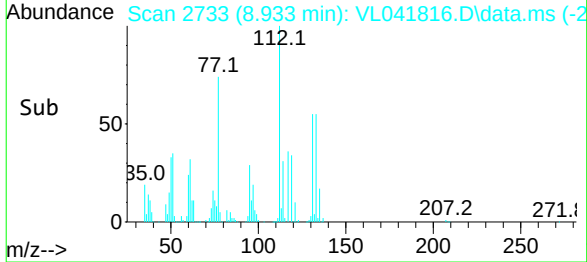
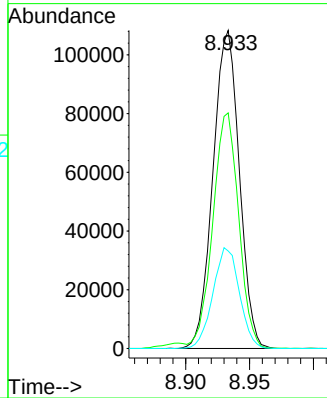
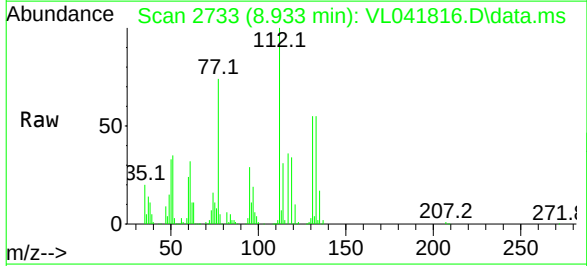




#57
Chlorobenzene
Concen: 9.090 ppbv
RT: 8.933 min Scan# 2729
Delta R.T. 0.012 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

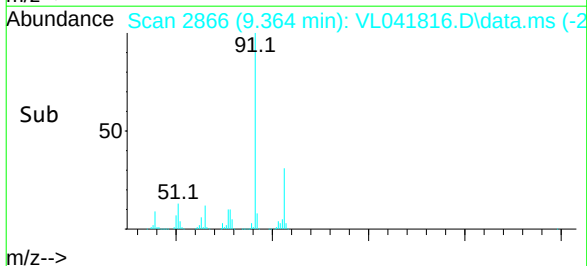
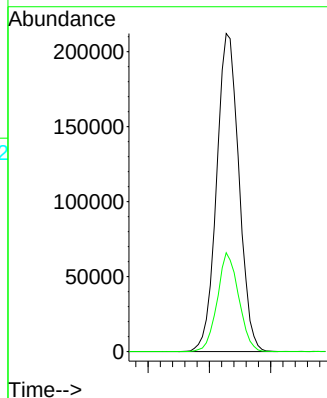
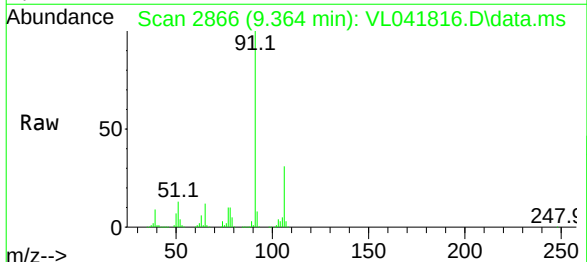
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

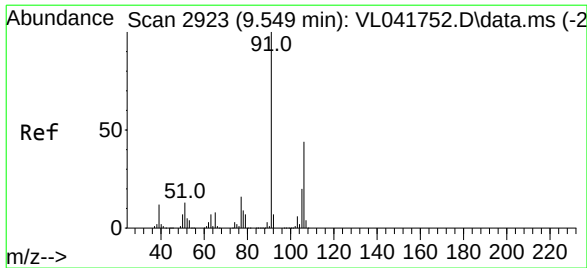
Tgt Ion:112 Resp: 155548
Ion Ratio Lower Upper
112 100
77 74.0 57.4 86.0
114 30.7 27.4 33.4



#58
Ethyl Benzene
Concen: 8.905 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 91 Resp: 268096
Ion Ratio Lower Upper
91 100
106 31.1 23.5 35.3

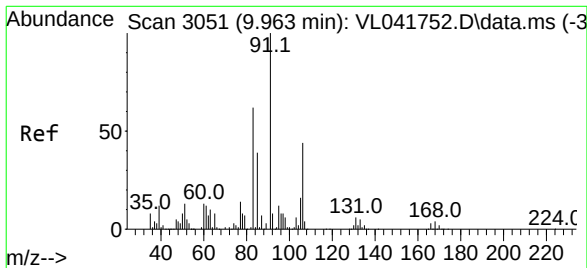
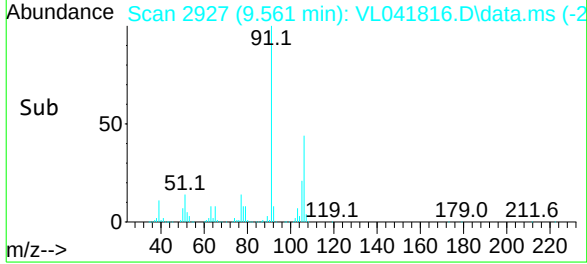
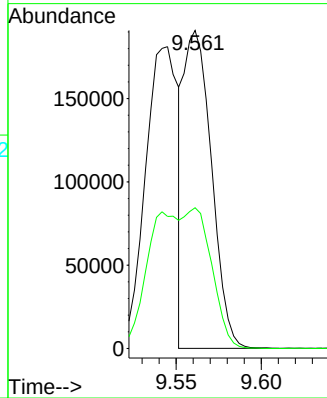
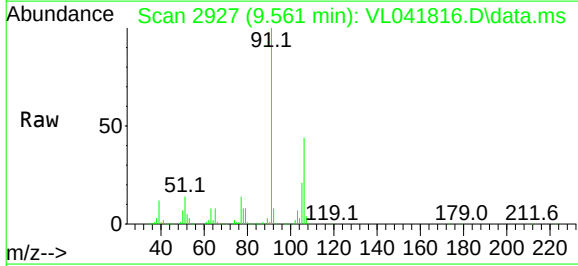




#59
m/p-Xylene
Concen: 8.949 ppbv
RT: 9.561 min Scan# 29
Delta R.T. 0.013 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

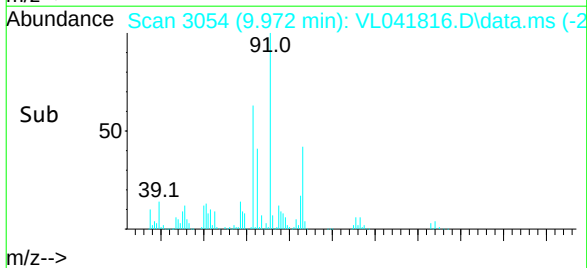
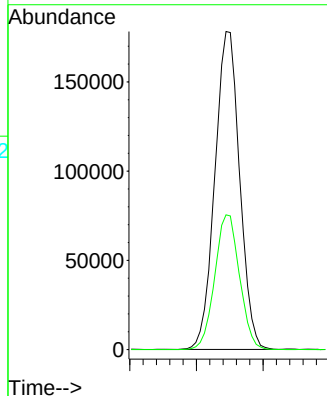
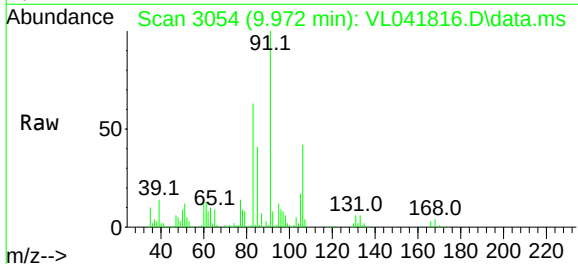
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

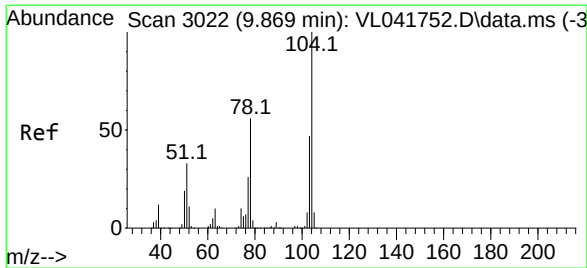
Tgt Ion: 91 Resp: 216629
Ion Ratio Lower Upper
91 100
106 96.0 0.0 0.0#



#60
o-Xylene
Concen: 9.469 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 91 Resp: 229859
Ion Ratio Lower Upper
91 100
106 42.4 21.1 63.4

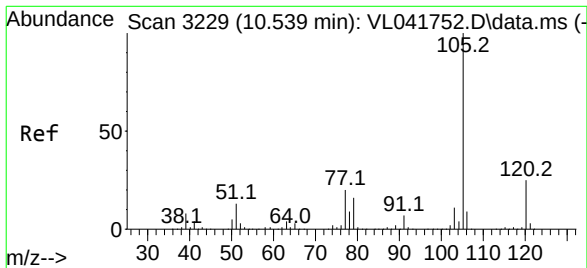
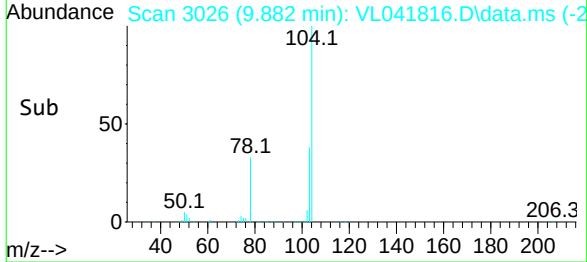
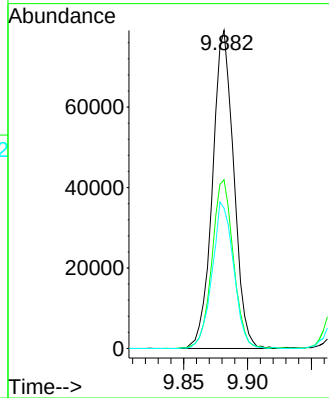
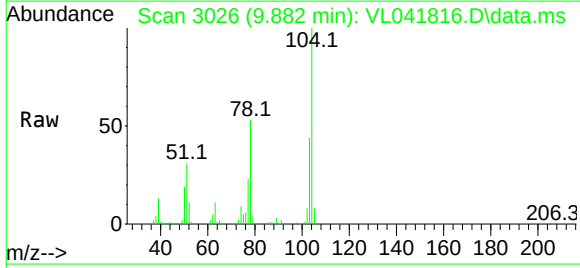




#61
Styrene
Concen: 8.735 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.013 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

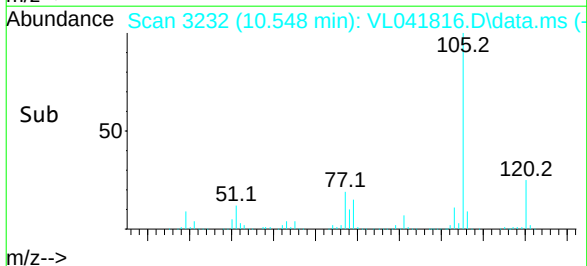
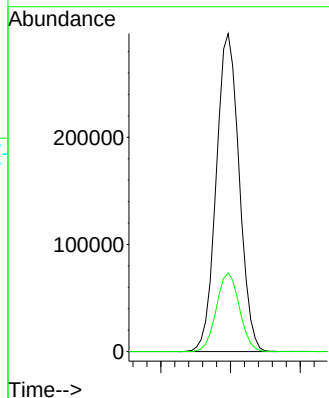
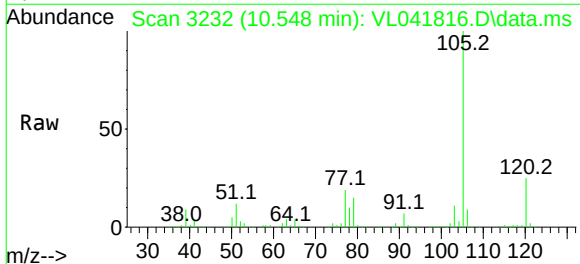
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

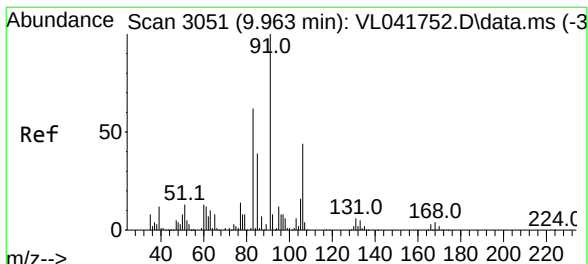
Tgt Ion:	104	Resp:	91682
Ion Ratio	Lower	Upper	
104	100		
78	53.5	43.8	65.6
103	46.6	37.8	56.6



#62
Isopropylbenzene
Concen: 9.302 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion:	105	Resp:	339260
Ion Ratio	Lower	Upper	
105	100		
120	24.9	19.8	29.8

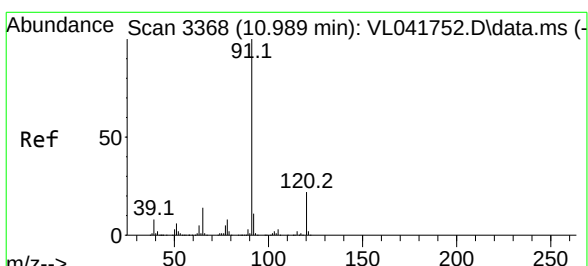
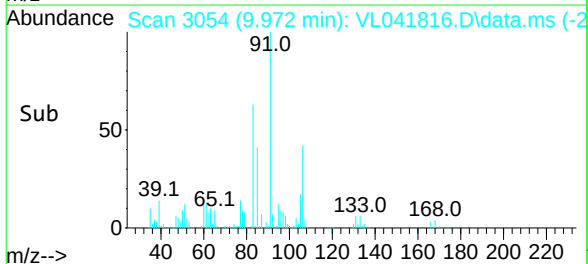
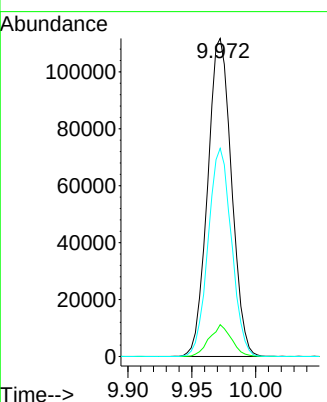
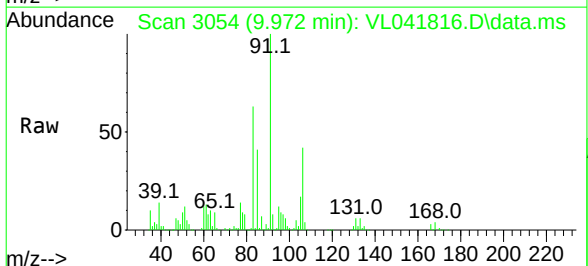




#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.545 ppbv
 RT: 9.972 min Scan# 3054
 Delta R.T. 0.009 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

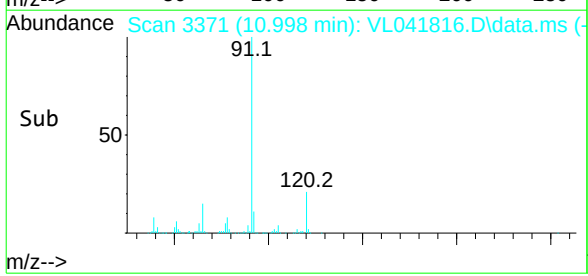
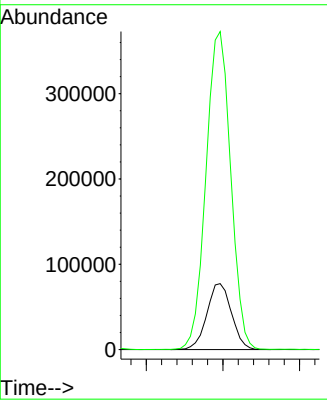
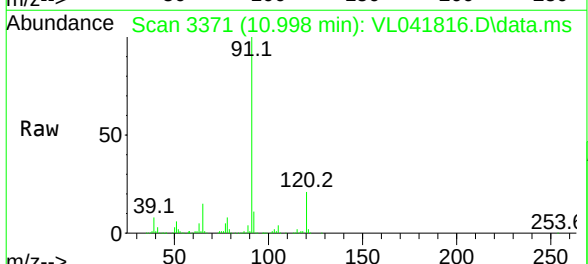
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010EC

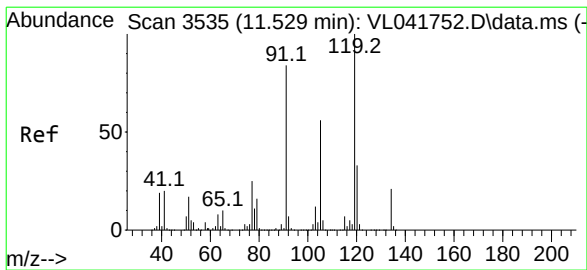
Tgt Ion:	83	Resp:	145038
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	64.0	32.0	96.2



#64
 n-propylbenzene
 Concen: 9.344 ppbv
 RT: 10.998 min Scan# 3371
 Delta R.T. 0.009 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Tgt Ion:	120	Resp:	86161
Ion	Ratio	Lower	Upper
120	100		
91	485.5	387.3	580.9





#65

tert-Butylbenzene

Concen: 8.980 ppbv

RT: 11.539 min Scan# 3535

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

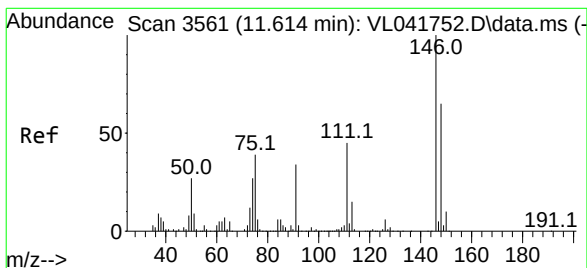
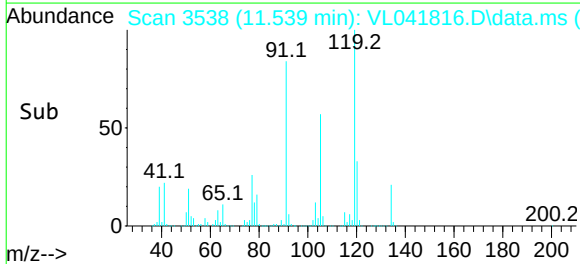
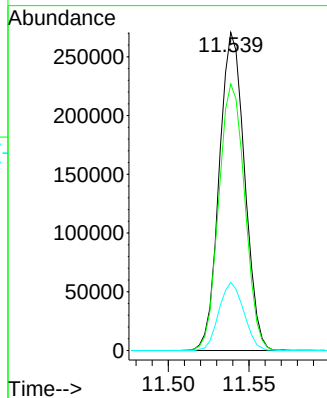
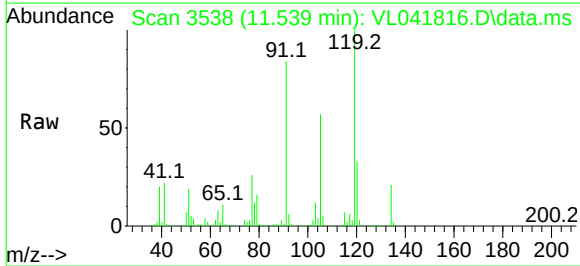
Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:	119	Resp:	295470
Ion	Ratio	Lower	Upper
119	100		
91	86.0	67.0	100.4
134	21.0	16.5	24.7



#66

Benzyl Chloride

Concen: 6.286 ppbv

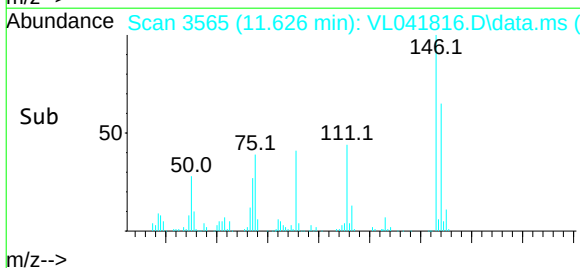
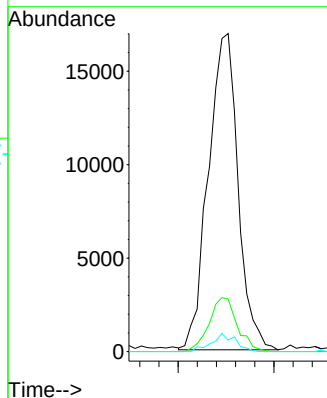
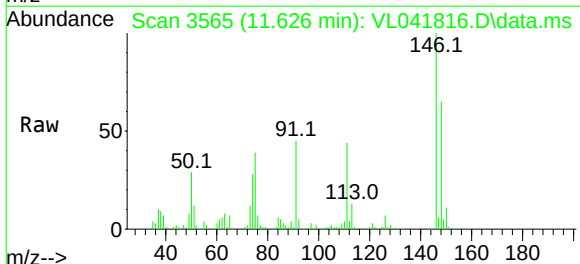
RT: 11.626 min Scan# 3565

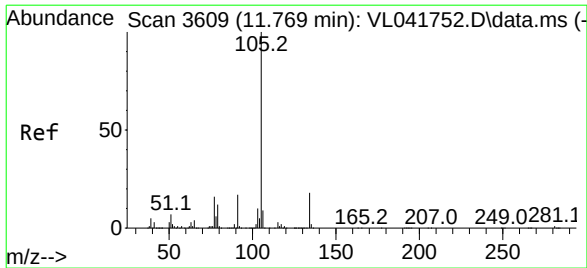
Delta R.T. 0.012 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Tgt Ion:	91	Resp:	18218
Ion	Ratio	Lower	Upper
91	100		
126	16.2	13.9	20.9
128	4.6	4.4	6.6

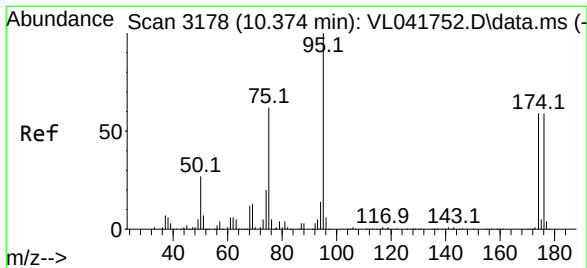
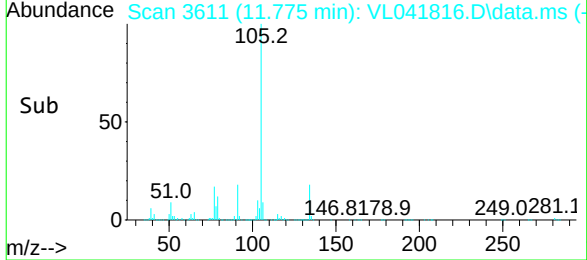
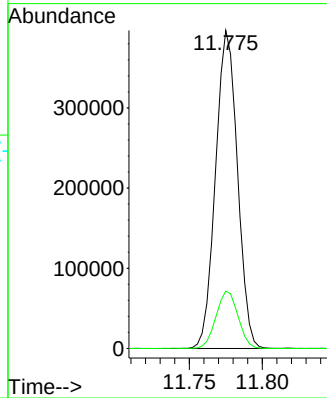
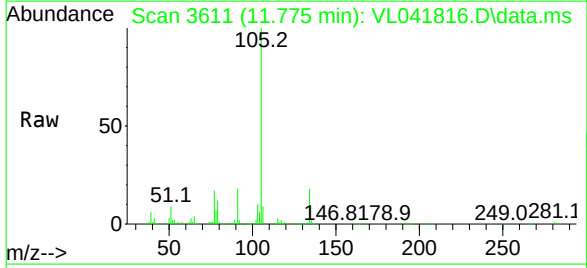




#67
 sec-Butylbenzene
 Concen: 9.098 ppbv
 RT: 11.775 min Scan# 3609
 Delta R.T. 0.006 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

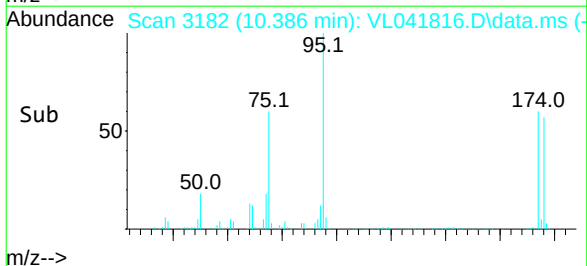
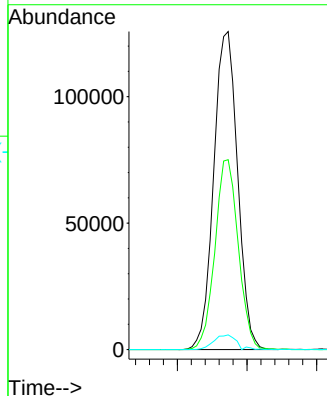
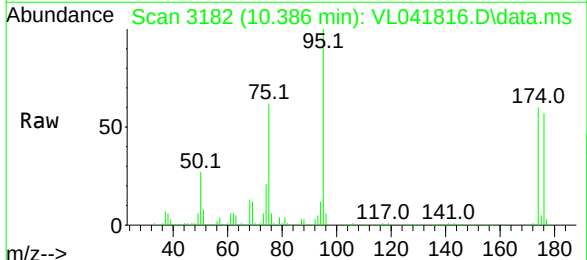
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

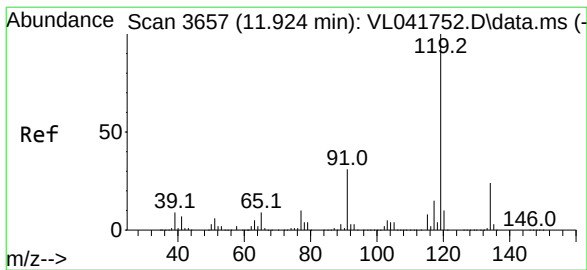
Tgt Ion: 105 Resp: 414290
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.740 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. 0.013 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Tgt Ion: 95 Resp: 149664
 Ion Ratio Lower Upper
 95 100
 174 58.5 47.6 71.4
 175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 8.769 ppbv

RT: 11.934 min Scan# 3657

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

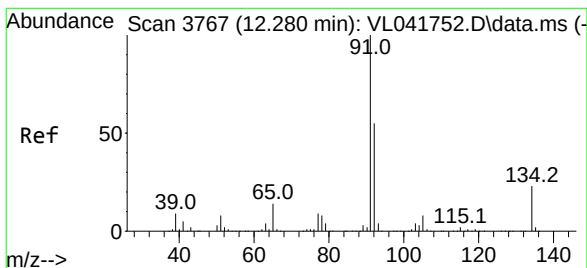
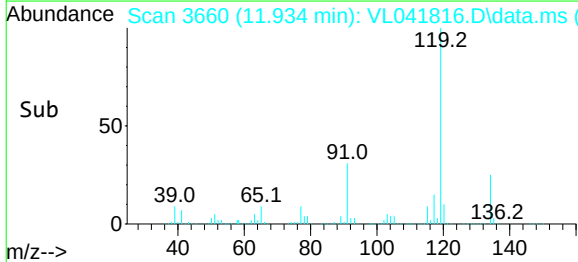
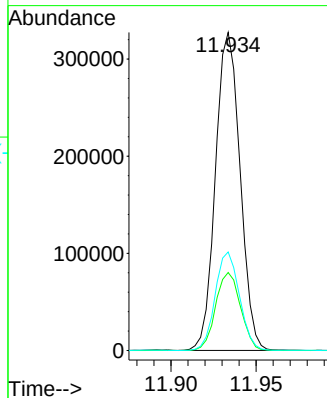
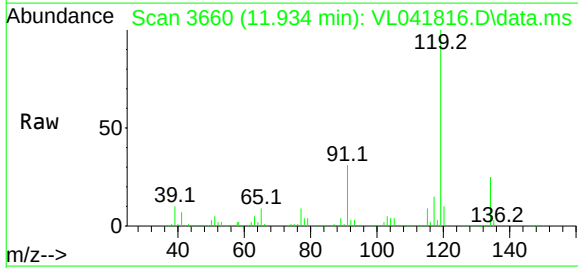
Tgt Ion:119 Resp: 329037

Ion Ratio Lower Upper

119 100

134 24.8 19.6 29.4

91 30.9 24.4 36.6



#70

n-Butylbenzene

Concen: 8.708 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

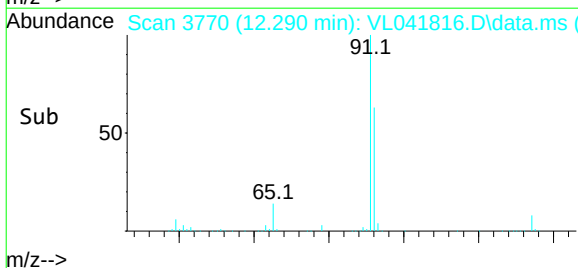
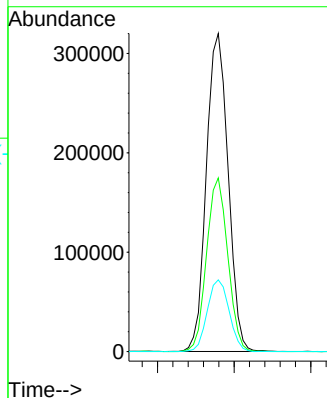
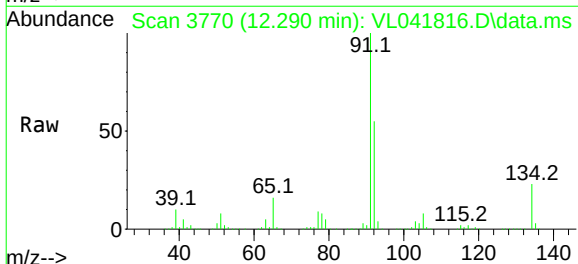
Tgt Ion: 91 Resp: 315732

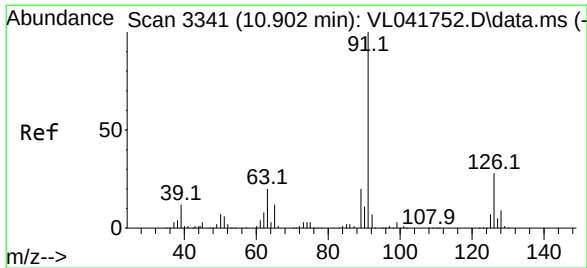
Ion Ratio Lower Upper

91 100

92 53.3 43.2 64.8

134 22.6 18.2 27.4

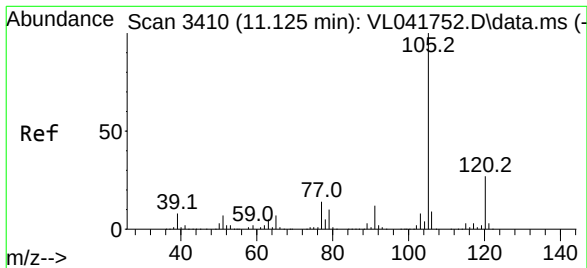
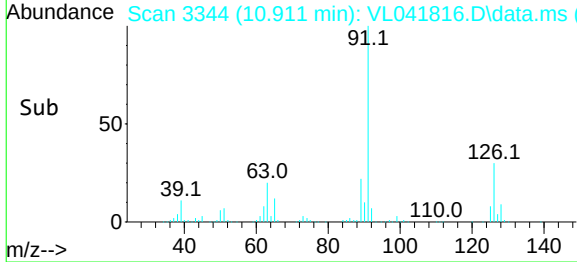
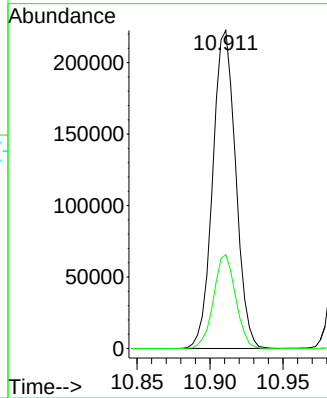
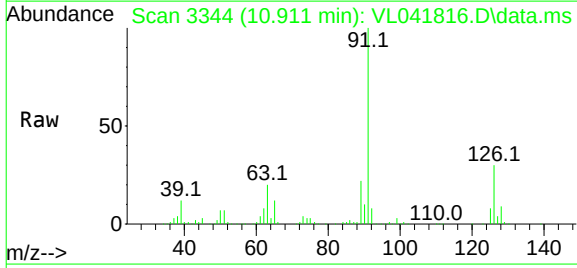




#71
2-Chlorotoluene
Concen: 8.741 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

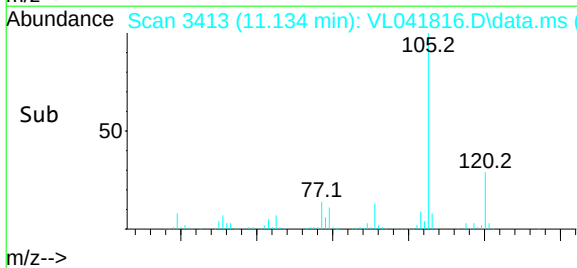
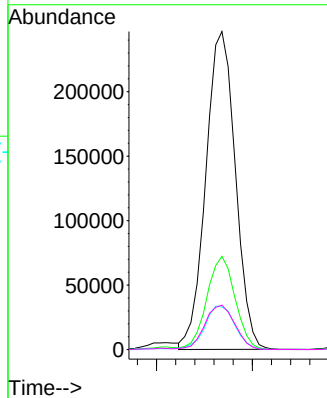
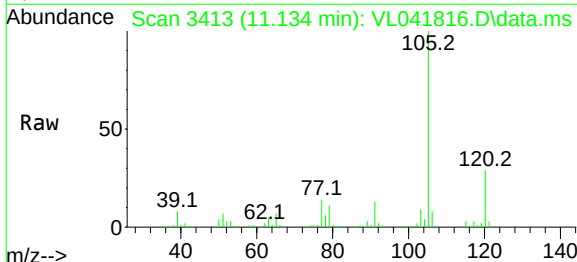
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

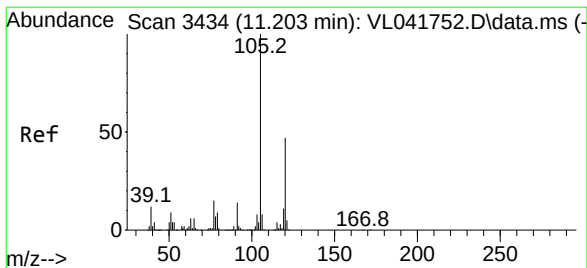
Tgt Ion: 91 Resp: 243323
Ion Ratio Lower Upper
91 100
126 28.4 11.6 46.4



#72
4-Ethyltoluene
Concen: 9.217 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.009 min
Lab File: VL041816.D
Acq: 19 Dec 2024 03:31

Tgt Ion: 105 Resp: 264092
Ion Ratio Lower Upper
105 100
120 28.8 23.3 34.9
91 14.5 10.9 16.3
77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.389 ppbv

RT: 11.212 min Scan# 34

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

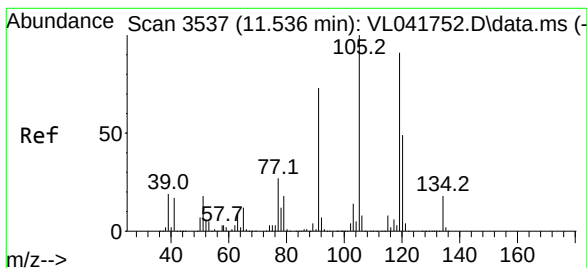
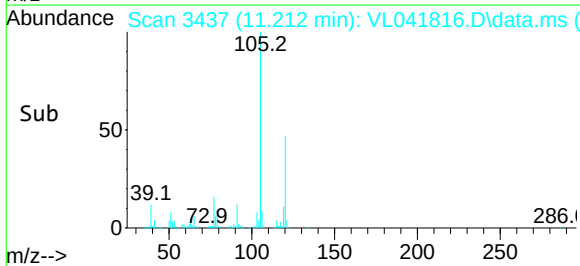
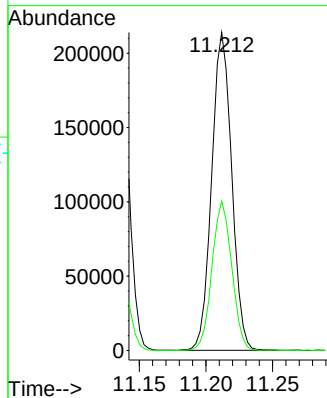
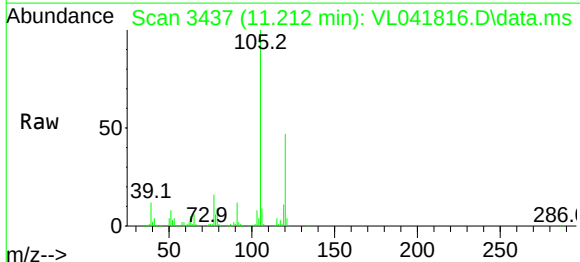
VSTDCCC010EC

Tgt Ion:105 Resp: 223198

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 9.488 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Tgt Ion:105 Resp: 242549

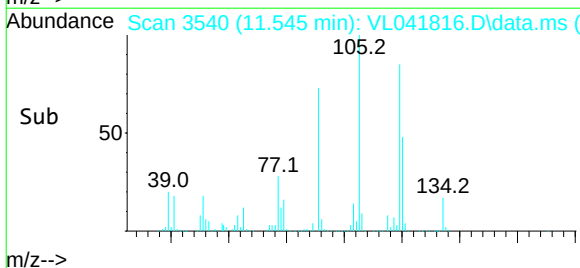
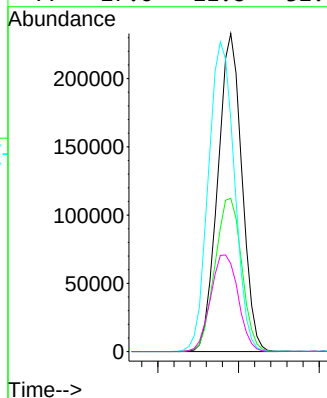
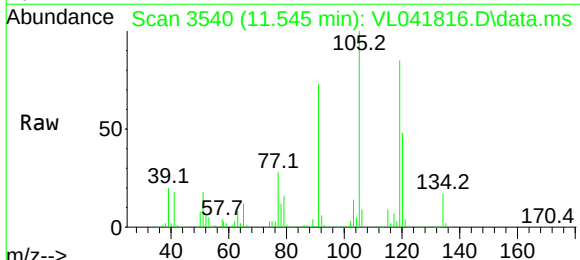
Ion Ratio Lower Upper

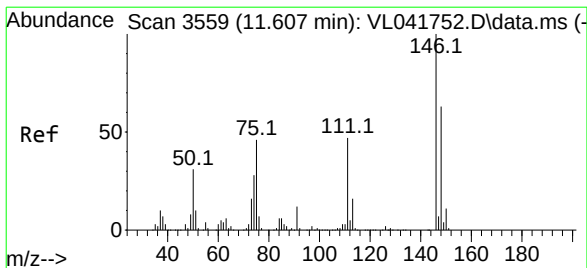
105 100

120 48.2 39.0 58.4

91 73.1 58.1 87.1

77 27.6 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 8.288 ppbv

RT: 11.616 min Scan# 3559

Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

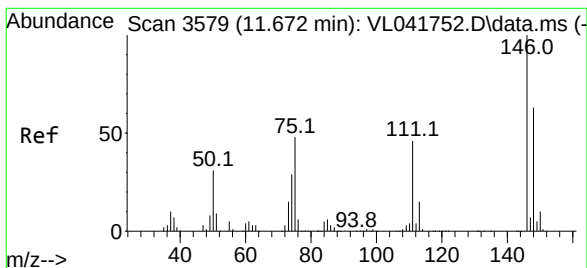
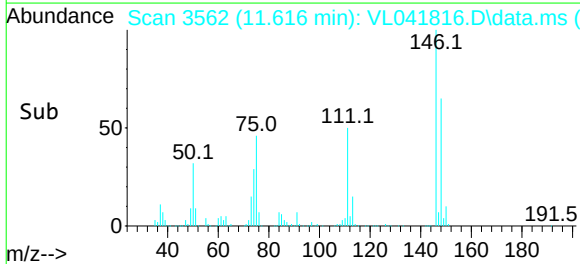
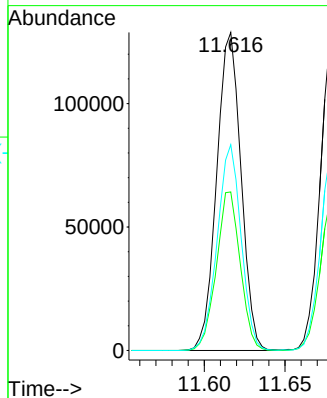
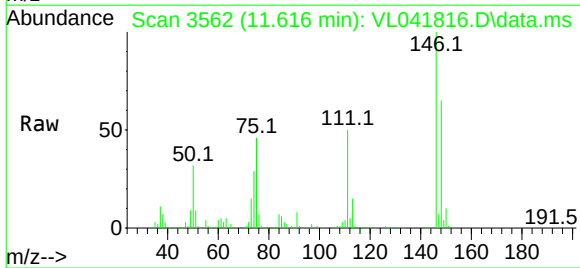
Tgt Ion:146 Resp: 135088

Ion Ratio Lower Upper

146 100

111 49.1 23.4 70.3

148 63.5 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 8.227 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

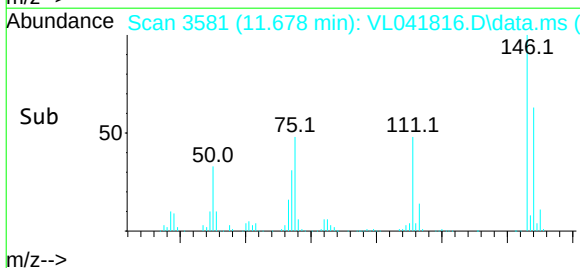
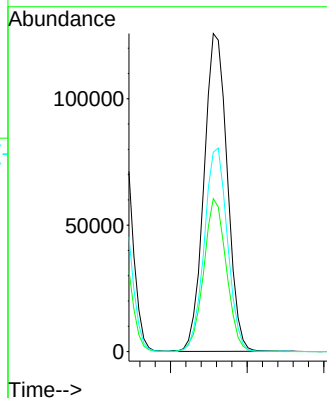
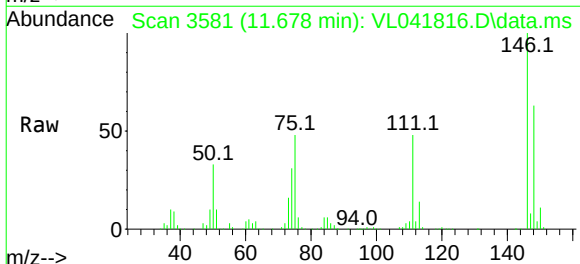
Tgt Ion:146 Resp: 132463

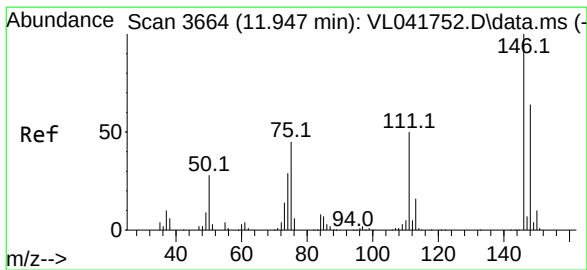
Ion Ratio Lower Upper

146 100

111 46.9 22.7 68.1

148 63.9 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 8.371 ppbv

RT: 11.956 min Scan# 3664

Delta R.T. 0.009 min

Lab File: VL041816.D

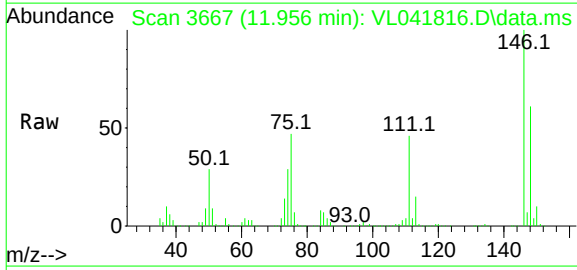
Acq: 19 Dec 2024 03:31

Instrument :

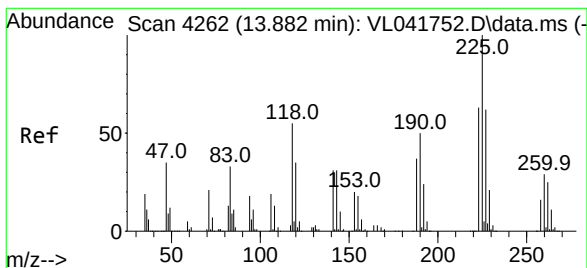
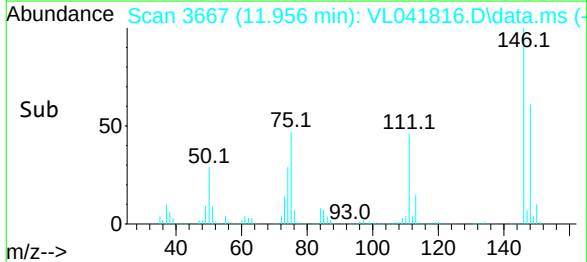
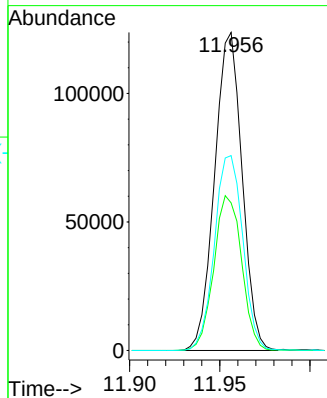
MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:	146	Resp:	131272
Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.8	74.3
148	63.4	31.8	95.4



#78

Hexachloro-1,3-Butadiene

Concen: 6.809 ppbv

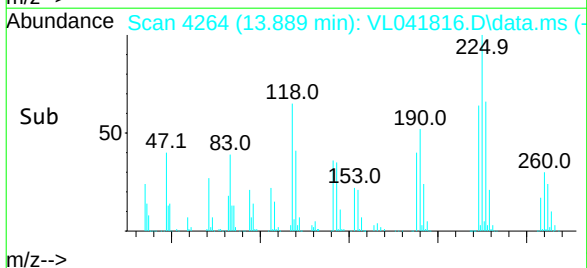
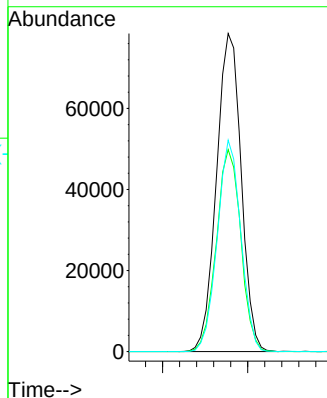
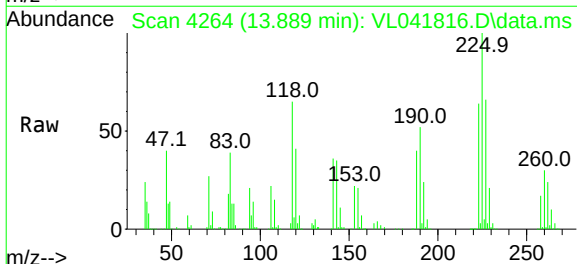
RT: 13.889 min Scan# 4264

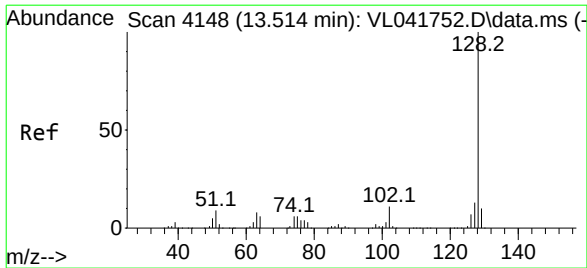
Delta R.T. 0.006 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

Tgt Ion:	225	Resp:	79178
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.5	75.7
227	63.3	50.3	75.5





#79

Naphthalene

Concen: 9.123 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.006 min

Lab File: VL041816.D

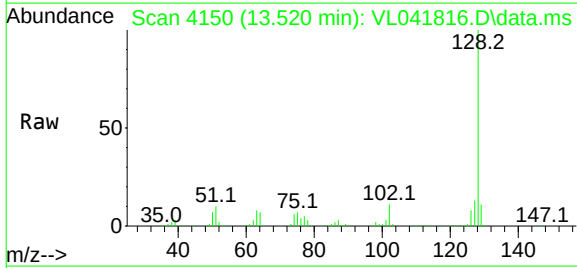
Acq: 19 Dec 2024 03:31

Instrument :

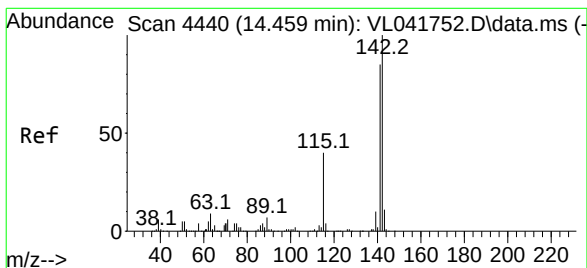
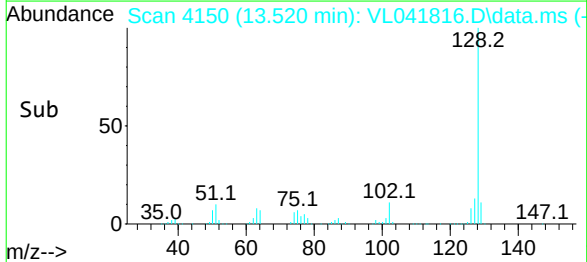
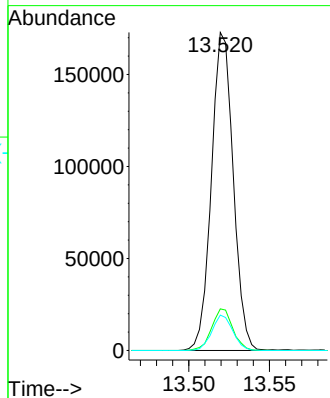
MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:	128	Resp:	162505
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	11.1	8.2	12.4



#80

Naphthalene, 2-methyl-

Concen: 9.555 ppbv

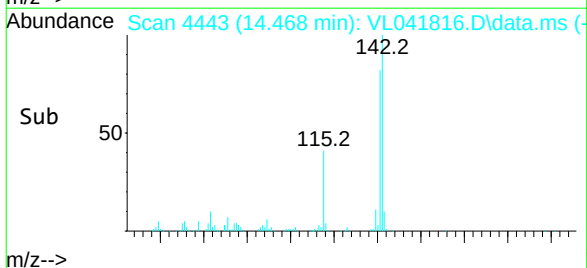
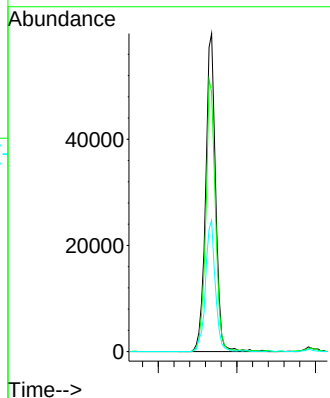
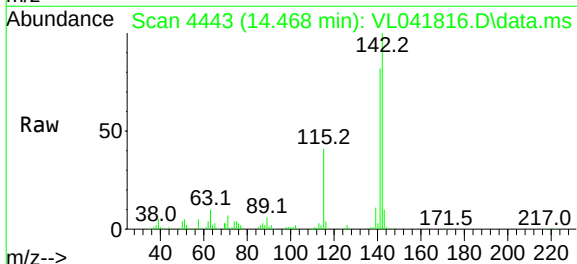
RT: 14.468 min Scan# 4443

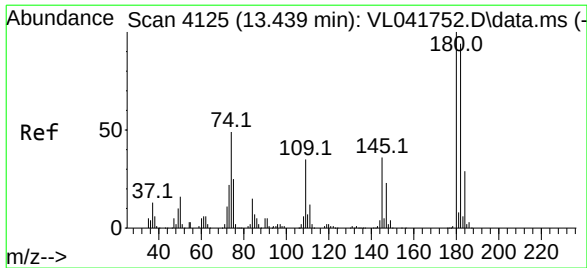
Delta R.T. 0.009 min

Lab File: VL041816.D

Acq: 19 Dec 2024 03:31

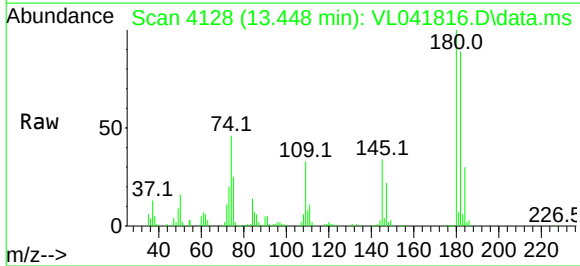
Tgt Ion:	142	Resp:	52642
Ion	Ratio	Lower	Upper
142	100		
141	82.8	68.4	102.6
115	41.1	32.5	48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 7.834 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: VL041816.D
 Acq: 19 Dec 2024 03:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:	180	Resp:	76255
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.6
184	30.2	23.8	35.8

