

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041995.D
 Acq On : 11 Feb 2025 09:21
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Feb 11 22:16:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	165067	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	461899	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	409502	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	323600	10.033	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	184578	8.209	ppbv	98
3) Chlorodifluoromethane	1.473	51	217978	9.254	ppbv	100
4) Chloromethane	1.531	50	78735	9.311	ppbv	94
5) Vinyl Chloride	1.576	62	75718	8.840	ppbv	100
6) Bromomethane	1.664	94	34751	8.513	ppbv	100
7) Chloroethane	1.699	64	30577	9.176	ppbv	99
8) Dichlorotetrafluoroethane	1.550	85	174152	8.863	ppbv	97
9) Propene	1.479	41	86973	8.964	ppbv	98
10) Heptane	4.968	43	249915	9.636	ppbv	99
11) Trichlorofluoromethane	1.874	101	197409	8.440	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.133	101	161792	8.826	ppbv	100
13) Ethanol	1.719	45	4207	5.919	ppbv	98
14) Bromoethene	1.777	108	56091	8.358	ppbv	100
15) Acetone	1.832	43	169197	8.534	ppbv	100
16) 1,3-Butadiene	1.605	39	80979	9.100	ppbv	99
17) tert-Butyl alcohol	2.036	59	194020	7.951	ppbv	99
18) 1,1-Dichloroethene	2.030	96	68340	8.272	ppbv	97
19) Isopropyl Alcohol	1.881	45	100549	8.554	ppbv	97
20) Methylene Chloride	2.055	84	58417	7.456	ppbv	93
21) Allyl Chloride	2.091	41	125320	9.129	ppbv	97
22) trans-1,2-Dichloroethene	2.334	96	81044	8.692	ppbv	95
23) Vinyl Acetate	2.457	43	91374	9.298	ppbv	97
24) 1,1-Dichloroethane	2.402	63	163843	9.085	ppbv	98
25) Ethyl Acetate	2.829	43	526507	9.848	ppbv	99
26) Hexane	2.819	57	204080	9.652	ppbv	95
27) Carbon Disulfide	2.146	76	194622	9.301	ppbv	99
28) Methyl tert-Butyl Ether	2.437	73	129783	8.030	ppbv	100
29) Chloroform	2.842	83	315379	9.436	ppbv	99
30) Cyclohexane	3.848	84	171649	9.359	ppbv	99
31) cis-1,2-Dichloroethene	2.716	61	196842	8.841	ppbv	91
32) 1,1,1-Trichloroethane	3.360	97	293390	9.173	ppbv	99
34) 2-Butanone	2.554	43	295348	10.055	ppbv	99
35) Carbon Tetrachloride	3.751	117	295193	10.174	ppbv	99
36) Benzene	3.648	78	411802	9.720	ppbv	98
37) 1,2-Dichloroethane	3.211	62	229357	9.640	ppbv	99
38) Trichloroethene	4.538	130	164845	9.805	ppbv	97
39) 1,2-Dichloropropane	4.305	63	149071	10.031	ppbv	99
40) 1,4-Dioxane	4.573	88	72996	9.727	ppbv #	96
41) Tetrahydrofuran	3.049	42	168274	10.541	ppbv	96
42) Bromodichloromethane	4.476	83	315744	9.897	ppbv	96
43) Methyl Methacrylate	4.868	69	149235	9.482	ppbv	96
44) 2,2,4-Trimethylpentane	4.629	57	698939	10.200	ppbv	99
45) t-1,3-Dichloropropene	6.399	75	138557	9.406	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041995.D
 Acq On : 11 Feb 2025 09:21
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

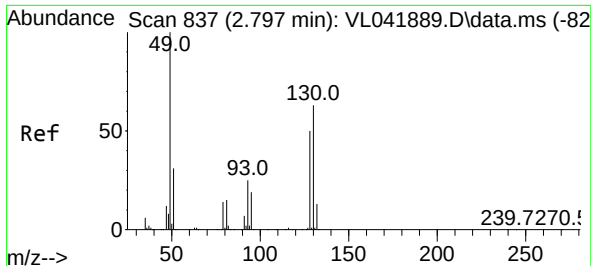
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.587	75	188644	9.753	ppbv	98
47) 1,1,2-Trichloroethane	6.567	97	158381	10.056	ppbv	96
48) Dibromochloromethane	7.376	129	250346	10.302	ppbv	99
49) Bromoform	9.474	173	207303	10.385	ppbv	99
50) 4-Methyl-2-Pentanone	5.739	43	409441	10.210	ppbv	99
51) 2-Hexanone	7.425	43	314376	10.203	ppbv #	96
52) Tetrachloroethene	8.215	164	131972	8.984	ppbv	94
53) Toluene	6.920	91	455647	9.874	ppbv	99
54) 1,2-Dibromoethane	7.639	107	215163	9.937	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.914	131	207137	10.139	ppbv	99
57) Chlorobenzene	8.911	112	367808	9.737	ppbv	99
58) Ethyl Benzene	9.348	91	626798	9.794	ppbv	98
59) m/p-Xylene	9.542	91	1039345m	20.261	ppbv	
60) o-Xylene	9.953	91	516475	10.144	ppbv	99
61) Styrene	9.862	104	228821	10.018	ppbv	99
62) Isopropylbenzene	10.532	105	780031	9.900	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.953	83	335938	10.325	ppbv	100
64) n-propylbenzene	10.982	120	198421	9.967	ppbv	99
65) tert-Butylbenzene	11.526	119	706366	9.838	ppbv	99
66) Benzyl Chloride	11.610	91	40436	9.099	ppbv	97
67) sec-Butylbenzene	11.762	105	980941	9.922	ppbv	99
69) p-Isopropyltoluene	11.921	119	799390	9.819	ppbv	99
70) n-Butylbenzene	12.277	91	788018	9.760	ppbv	99
71) 2-Chlorotoluene	10.895	91	564442	9.685	ppbv	99
72) 4-Ethyltoluene	11.118	105	613118	10.067	ppbv	100
73) 1,3,5-Trimethylbenzene	11.196	105	531202	9.877	ppbv	97
74) 1,2,4-Trimethylbenzene	11.532	105	578544	9.933	ppbv #	88
75) 1,3-Dichlorobenzene	11.600	146	332173	9.624	ppbv	98
76) 1,4-Dichlorobenzene	11.665	146	328424	9.726	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	332574	9.722	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	223042	7.944	ppbv	98
79) Naphthalene	13.510	128	504119	8.596	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	144752	5.206	ppbv	97
81) 1,2,4-Trichlorobenzene	13.435	180	225437	7.875	ppbv	98

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

Quant Time: Feb 11 22:16:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
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QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

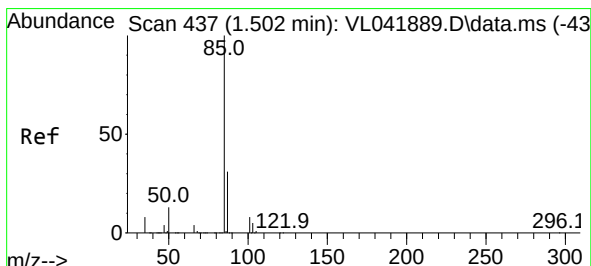
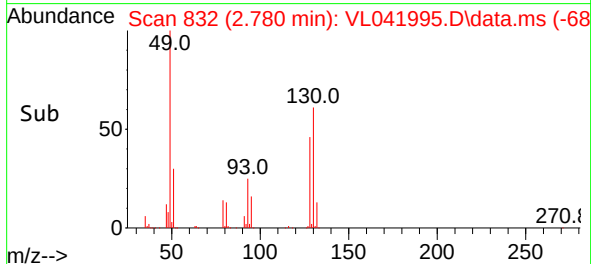
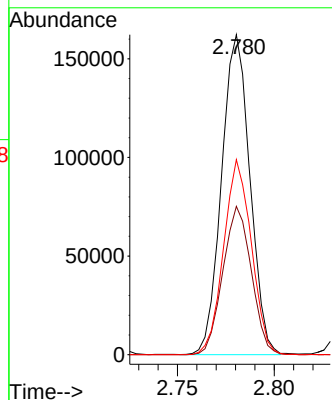
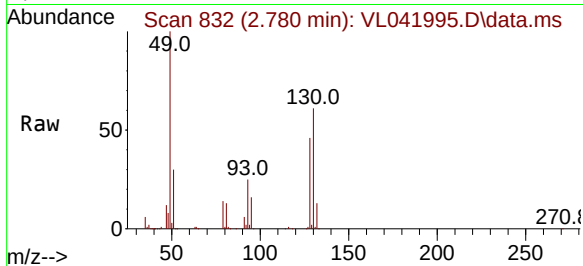




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.780 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

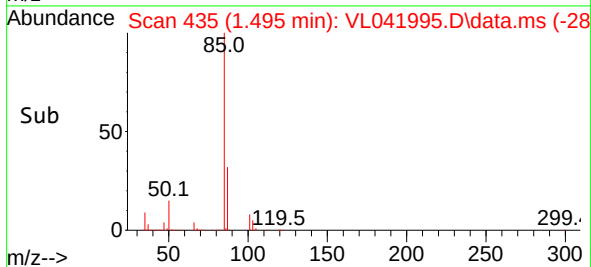
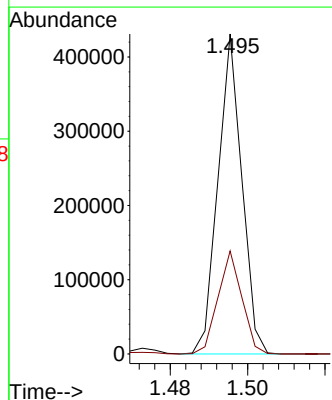
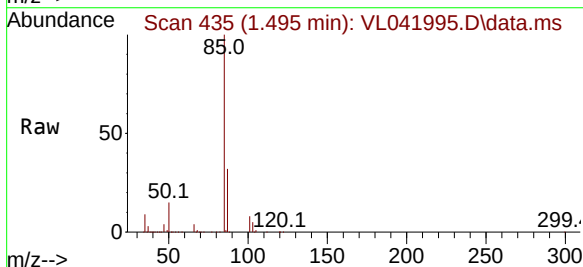
Instrument :
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 ClientSampleId :
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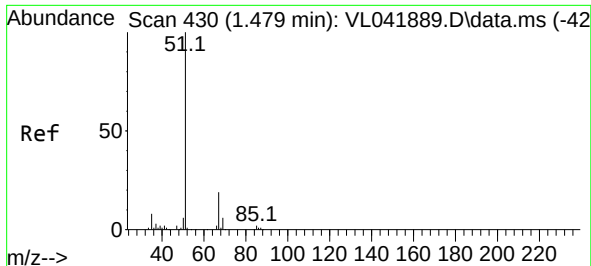
Tgt Ion: 49 Resp: 165067
 Ion Ratio Lower Upper
 49 100
 128 46.5 24.3 73.0
 130 59.7 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 8.209 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.007 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 85 Resp: 184578
 Ion Ratio Lower Upper
 85 100
 87 32.2 24.9 37.3

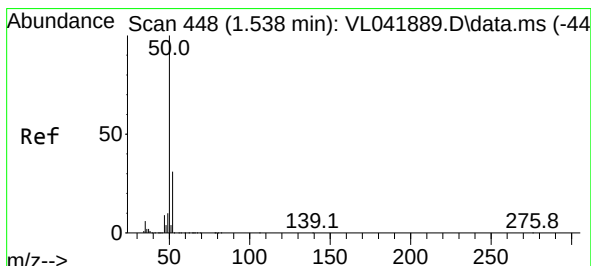
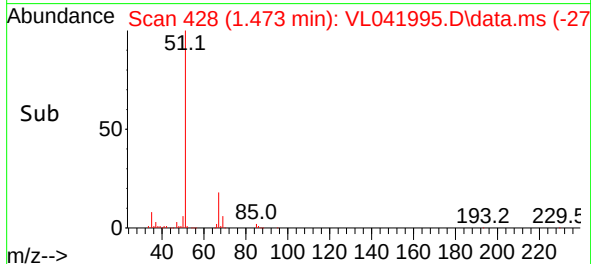
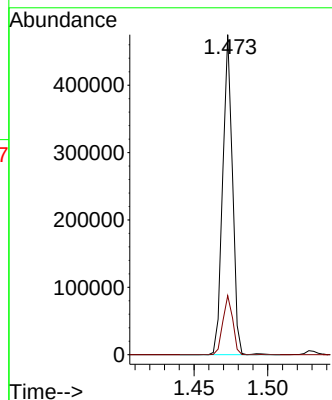
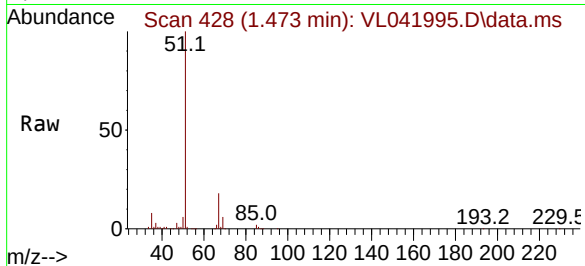




#3
Chlorodifluoromethane
Concen: 9.254 ppbv
RT: 1.473 min Scan# 430
Delta R.T. -0.007 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

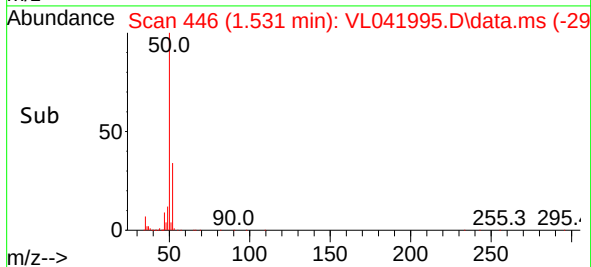
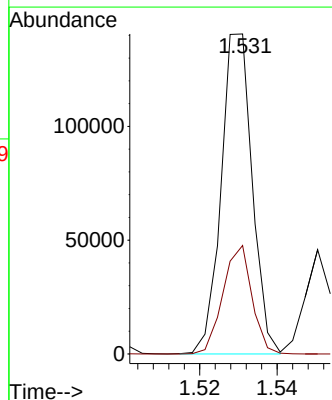
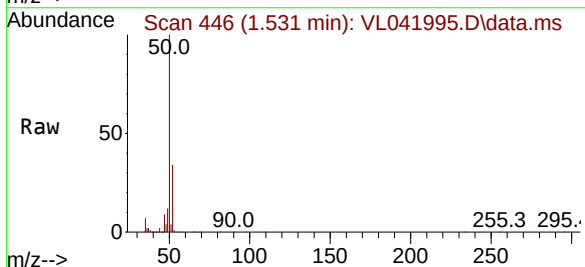
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MSVOA_L
ClientSampleId :
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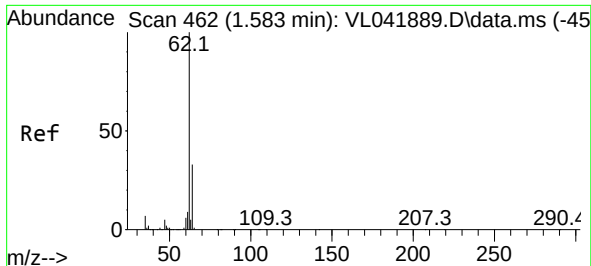
Tgt Ion: 51 Resp: 217978
Ion Ratio Lower Upper
51 100
67 18.7 15.0 22.4



#4
Chloromethane
Concen: 9.311 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.007 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 50 Resp: 78735
Ion Ratio Lower Upper
50 100
52 33.9 24.6 36.8

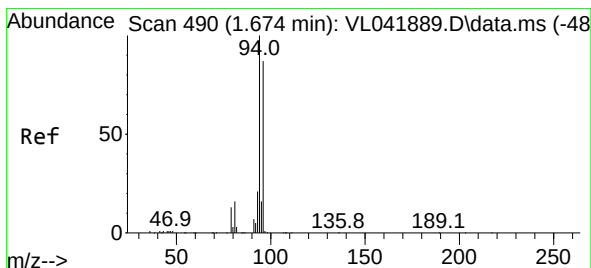
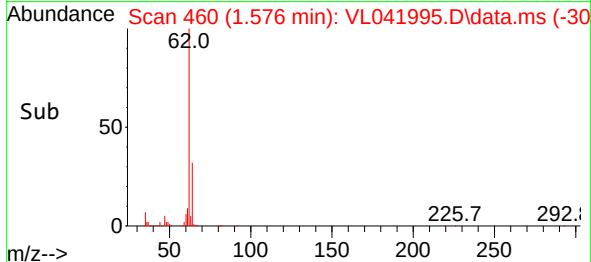
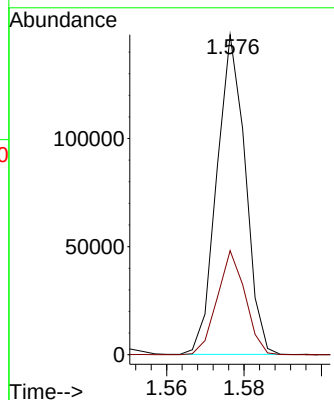
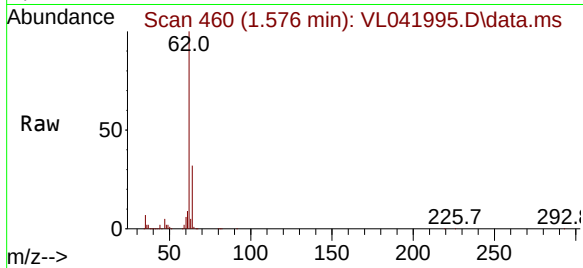




#5
 Vinyl Chloride
 Concen: 8.840 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.007 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

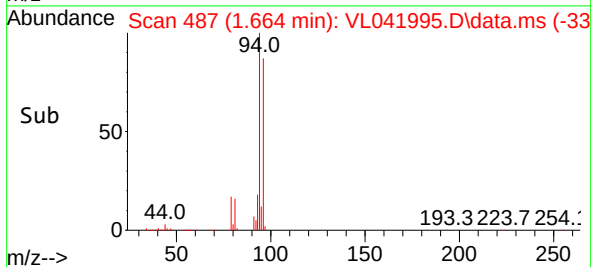
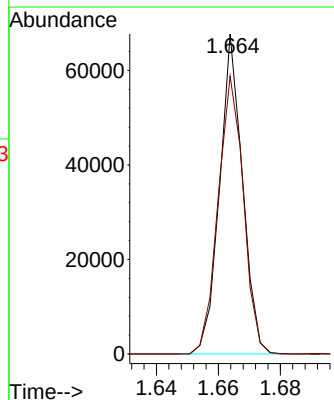
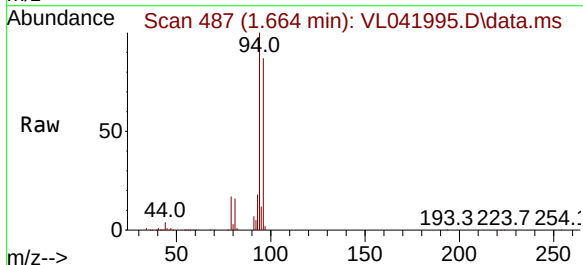
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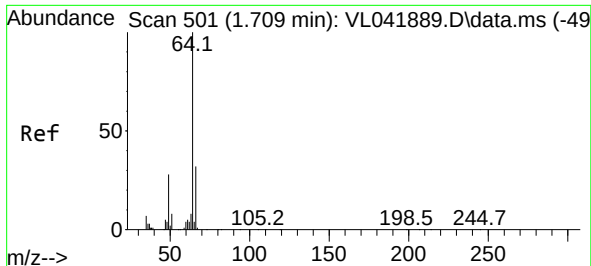
Tgt Ion: 62 Resp: 75718
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.1 39.1



#6
 Bromomethane
 Concen: 8.513 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 94 Resp: 34751
 Ion Ratio Lower Upper
 94 100
 96 86.9 69.5 104.3

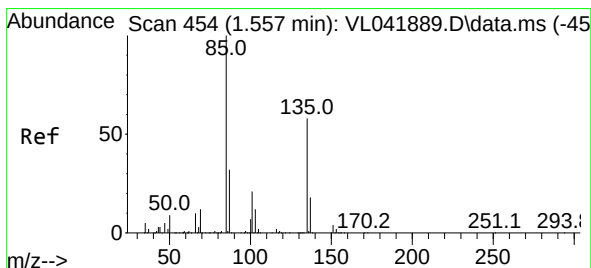
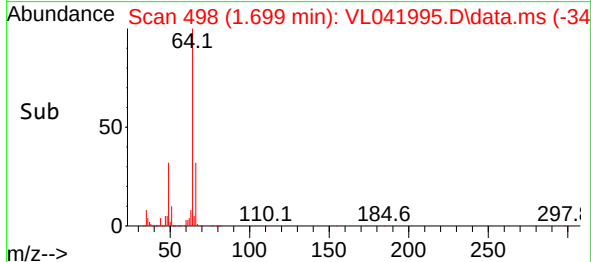
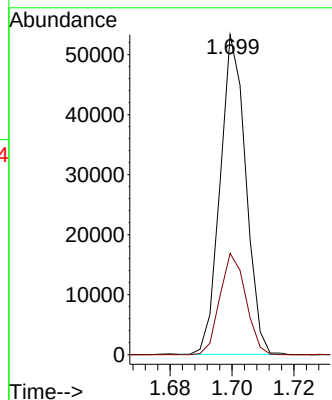
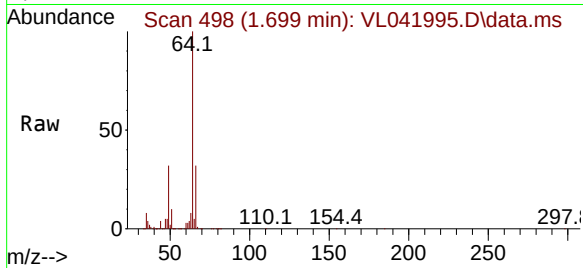




#7
Chloroethane
Concen: 9.176 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.010 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

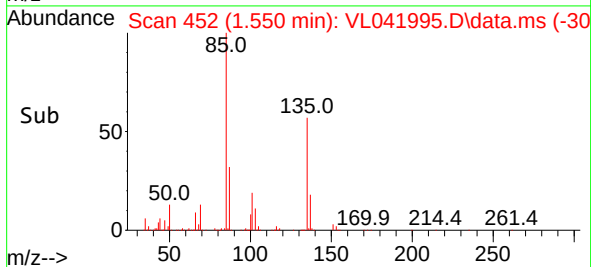
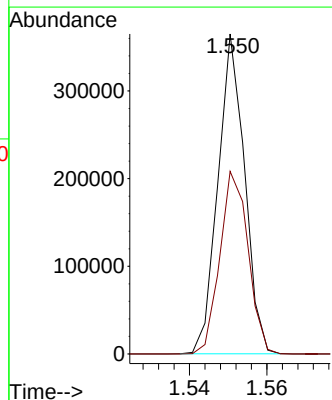
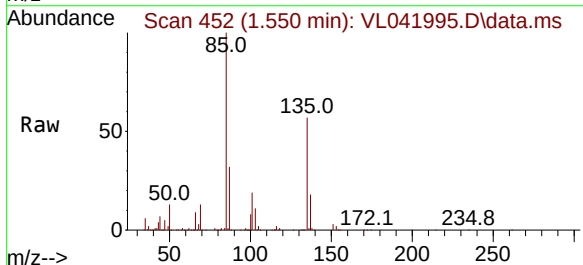
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ClientSampleId :
VSTDCCC010

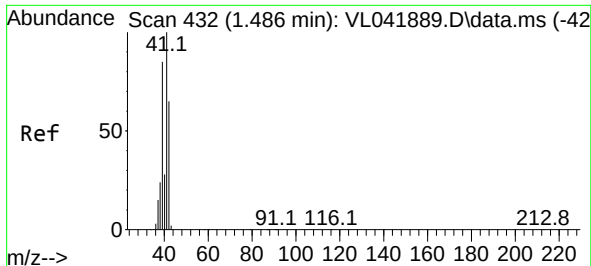
Tgt Ion: 64 Resp: 30577
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 8.863 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.007 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 85 Resp: 174152
Ion Ratio Lower Upper
85 100
135 60.5 50.0 75.0





#9

Propene

Concen: 8.964 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

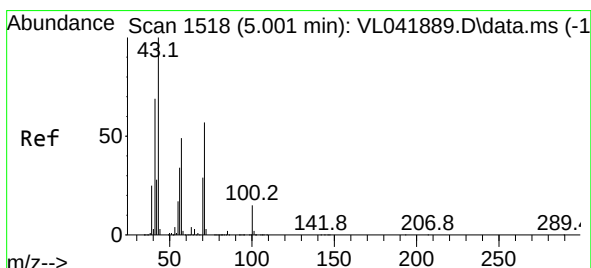
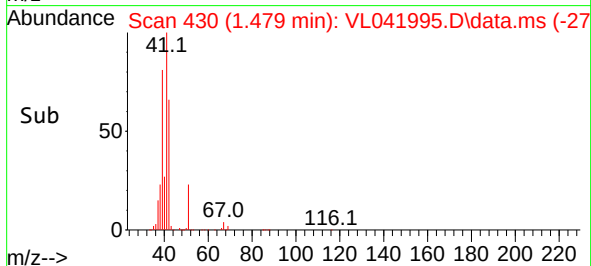
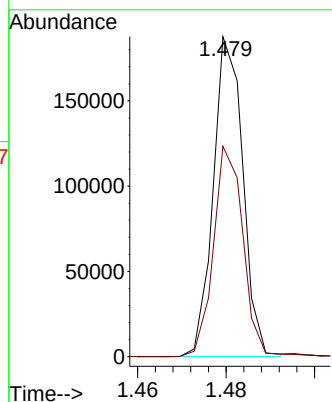
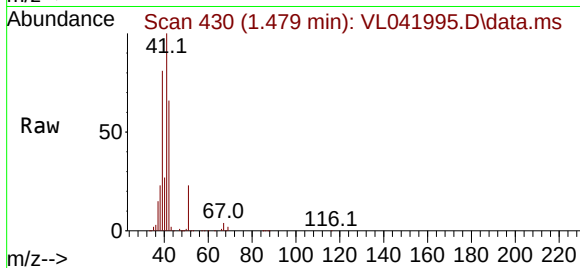
VSTDCCC010

Tgt Ion: 41 Resp: 86973

Ion Ratio Lower Upper

41 100

42 66.3 52.0 78.0



#10

Heptane

Concen: 9.636 ppbv

RT: 4.968 min Scan# 1508

Delta R.T. -0.032 min

Lab File: VL041995.D

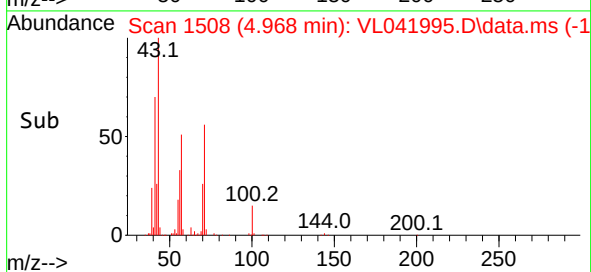
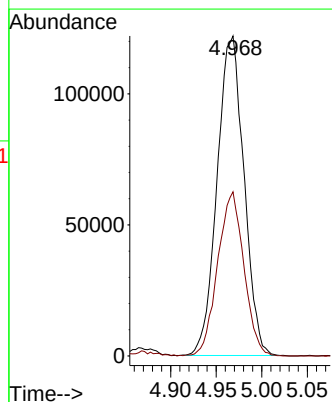
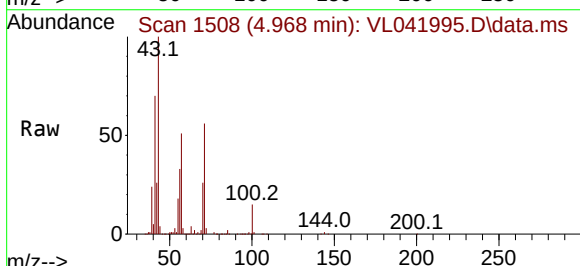
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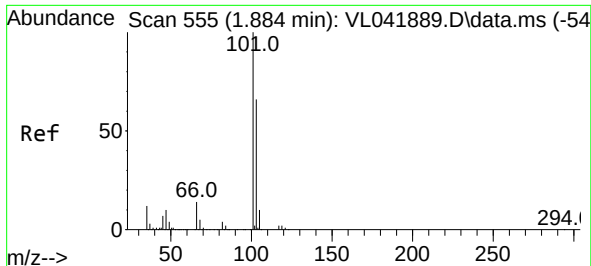
Tgt Ion: 43 Resp: 249915

Ion Ratio Lower Upper

43 100

57 50.2 41.0 61.4

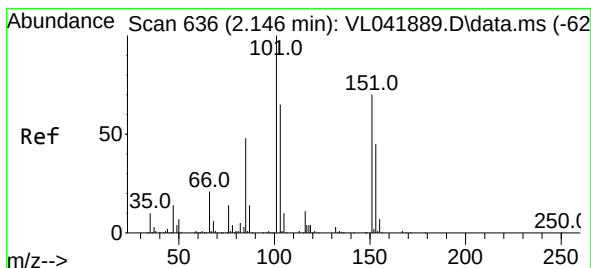
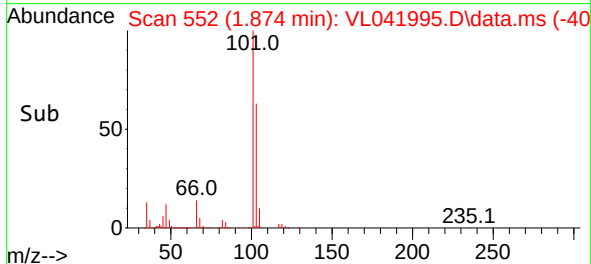
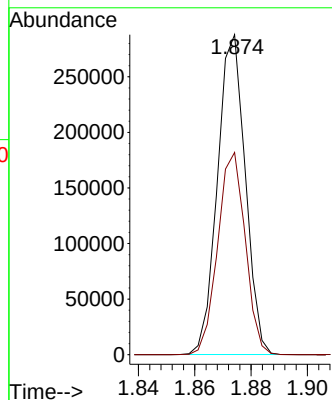
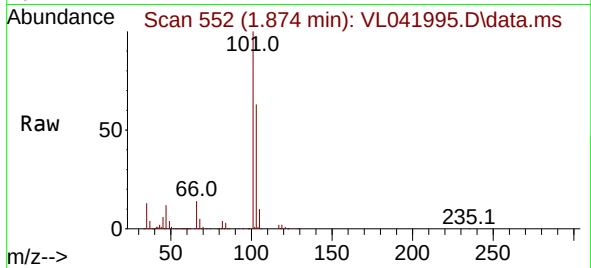




#11
Trichlorofluoromethane
Concen: 8.440 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.010 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

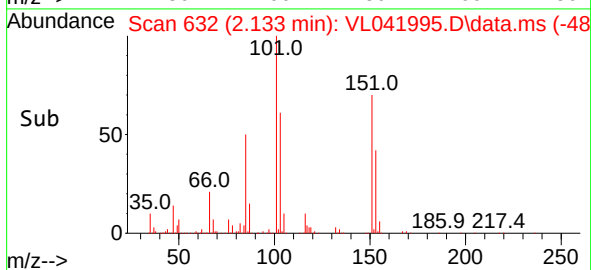
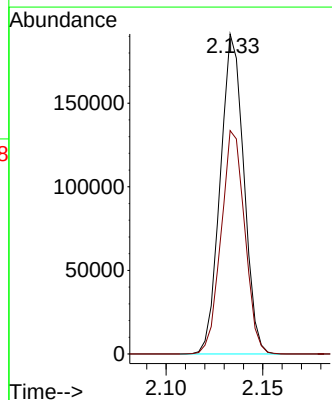
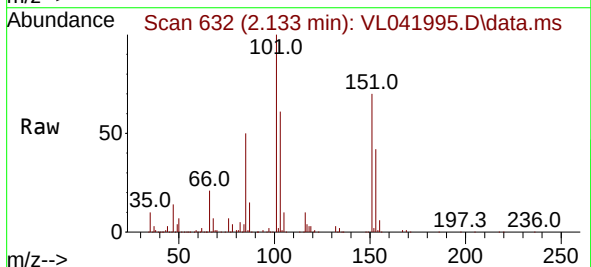
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

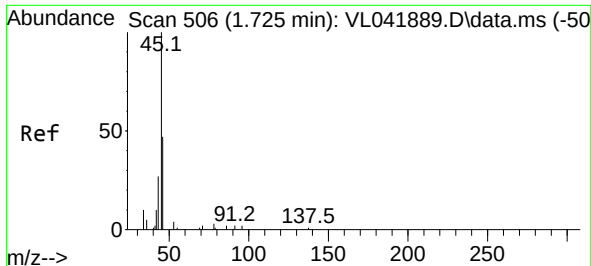
Tgt Ion:101 Resp: 197409
Ion Ratio Lower Upper
101 100
103 63.2 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.826 ppbv
RT: 2.133 min Scan# 632
Delta R.T. -0.013 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion:101 Resp: 161792
Ion Ratio Lower Upper
101 100
151 70.2 56.1 84.1

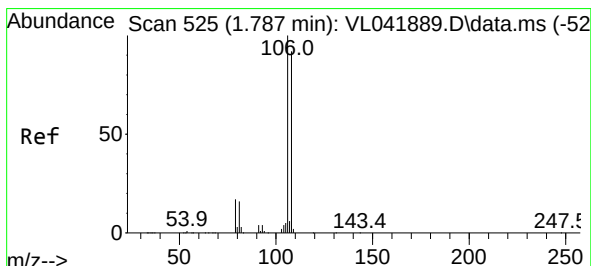
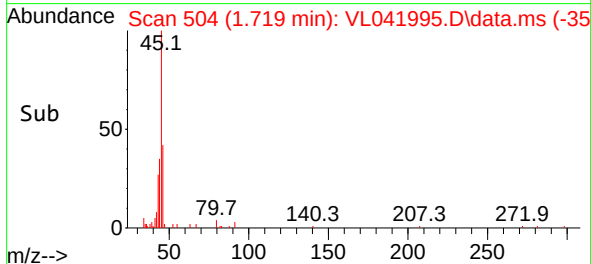
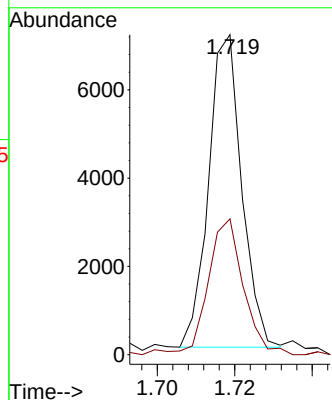
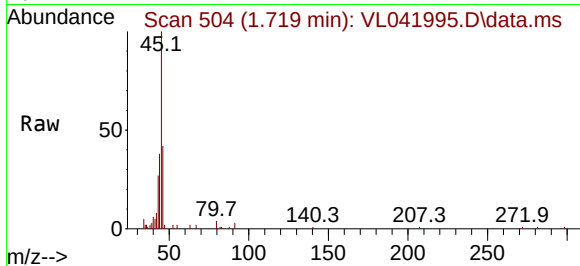




#13
Ethanol
Concen: 5.919 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.007 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

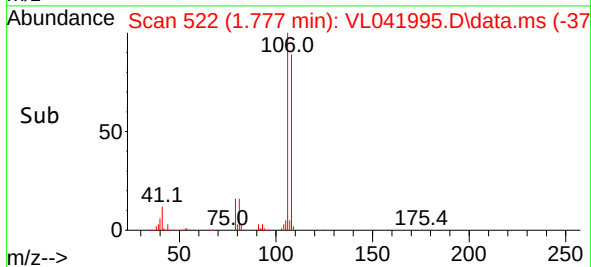
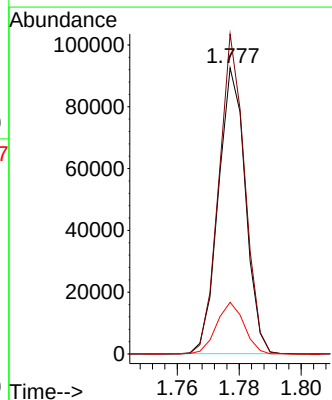
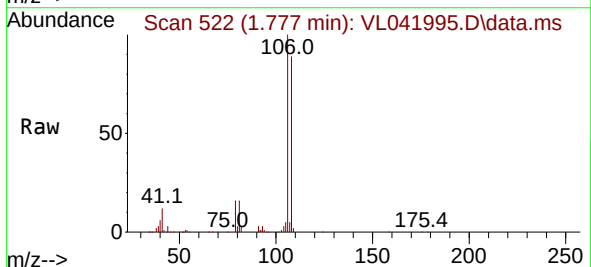
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

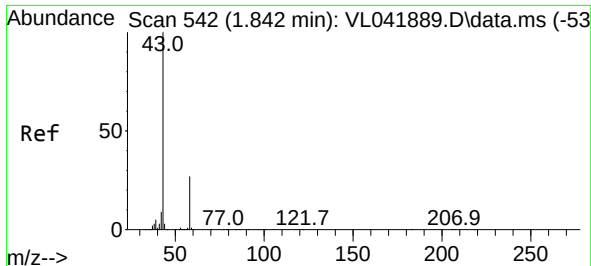
Tgt Ion: 45 Resp: 4207
Ion Ratio Lower Upper
45 100
46 46.8 18.1 72.5



#14
Bromoethene
Concen: 8.358 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 108 Resp: 56091
Ion Ratio Lower Upper
108 100
106 106.7 85.5 128.3
79 18.6 15.3 22.9

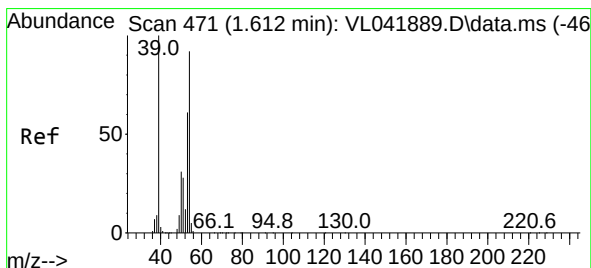
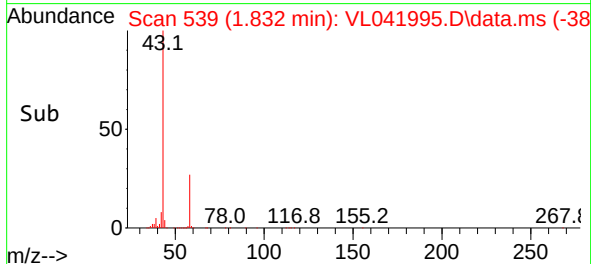
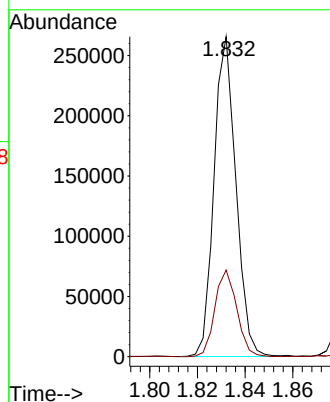
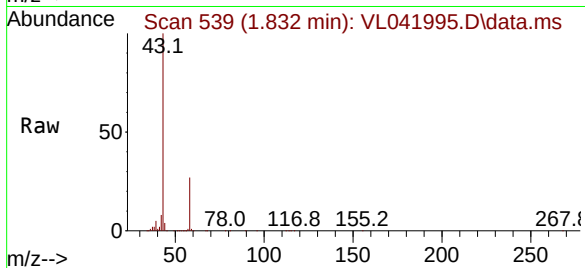




#15
Acetone
Concen: 8.534 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

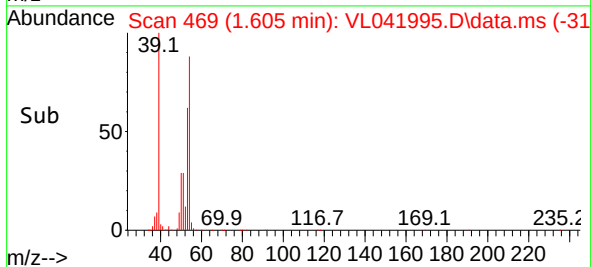
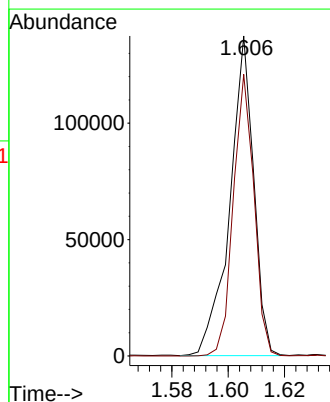
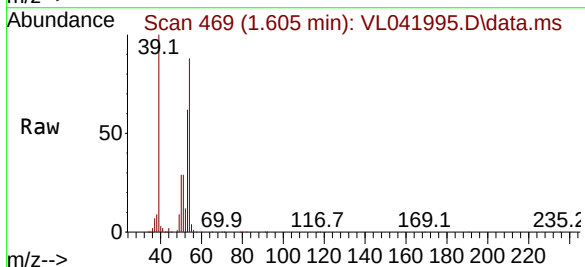
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

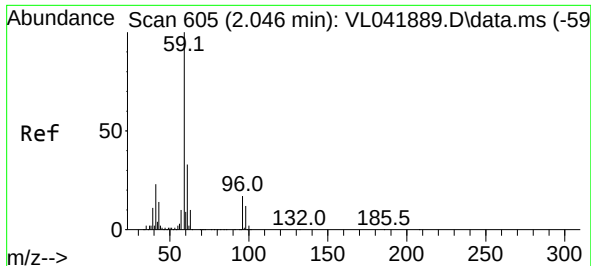
Tgt Ion: 43 Resp: 169197
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9



#16
1,3-Butadiene
Concen: 9.100 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.007 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 39 Resp: 80979
Ion Ratio Lower Upper
39 100
54 76.2 61.6 92.4





#17

tert-Butyl alcohol

Concen: 7.951 ppbv

RT: 2.036 min Scan# 605

Delta R.T. -0.010 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

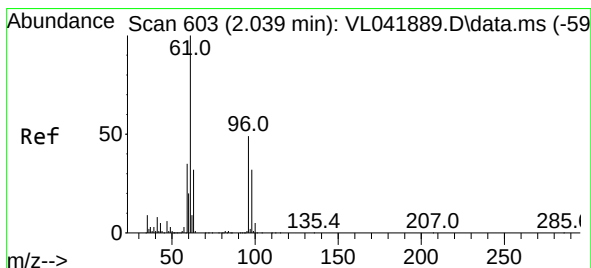
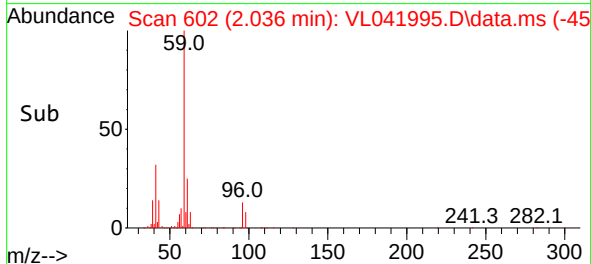
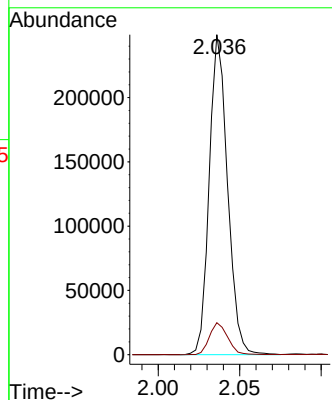
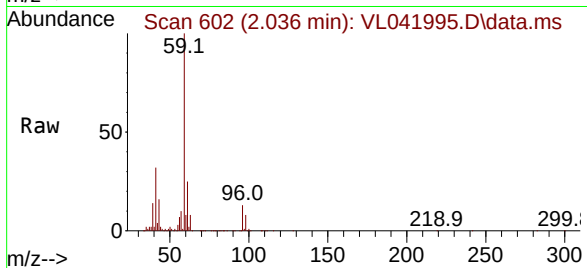
VSTDCCC010

Tgt Ion: 59 Resp: 194020

Ion Ratio Lower Upper

59 100

57 10.1 7.8 11.8



#18

1,1-Dichloroethene

Concen: 8.272 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.010 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

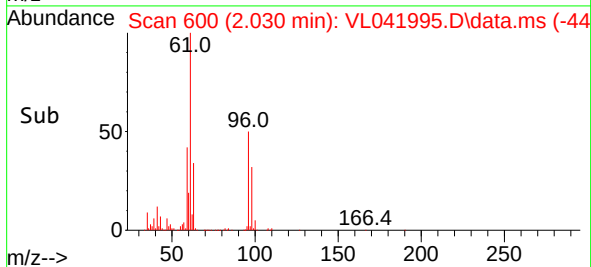
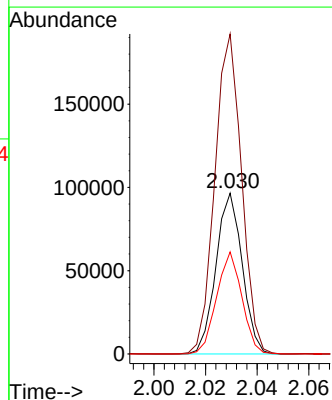
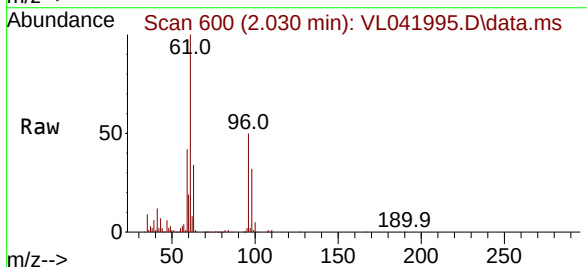
Tgt Ion: 96 Resp: 68340

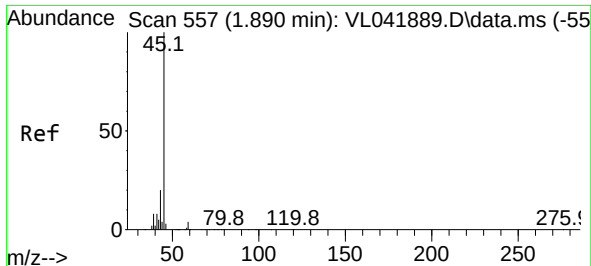
Ion Ratio Lower Upper

96 100

61 199.0 163.1 244.7

98 63.5 52.7 79.1

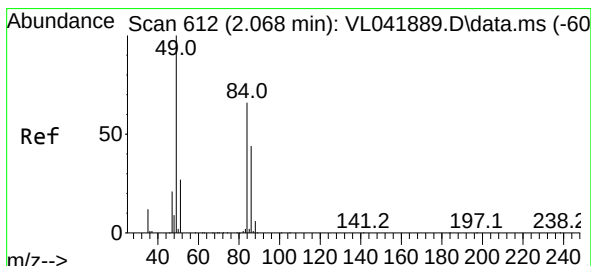
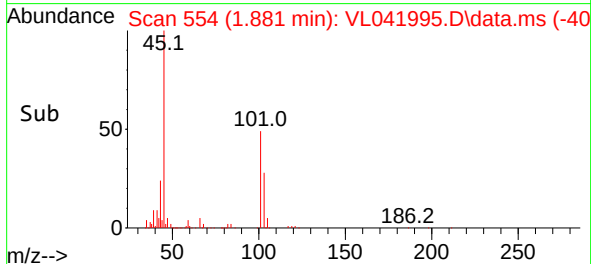
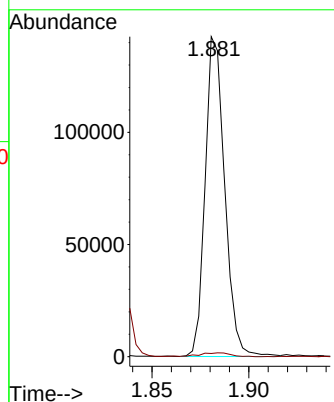
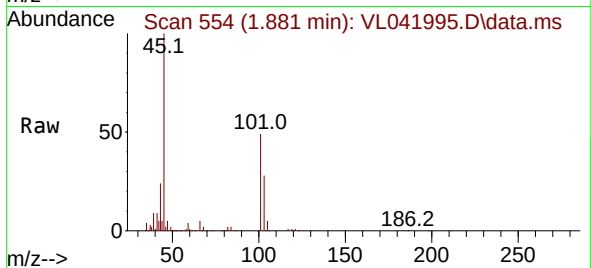




#19
Isopropyl Alcohol
Concen: 8.554 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

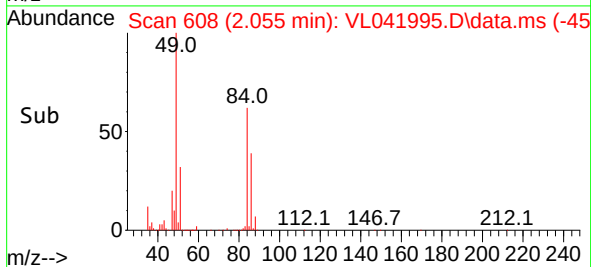
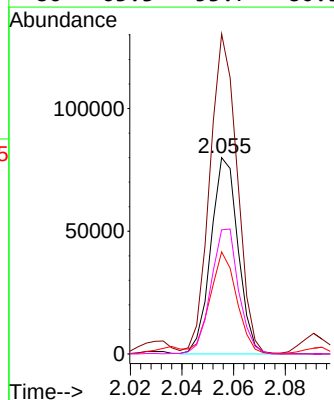
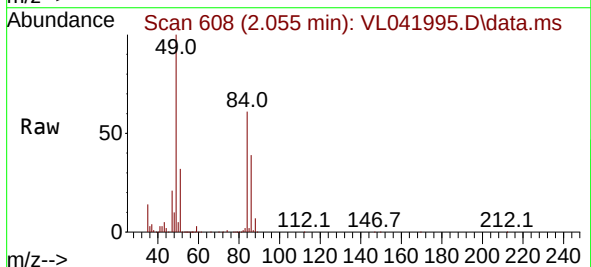
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

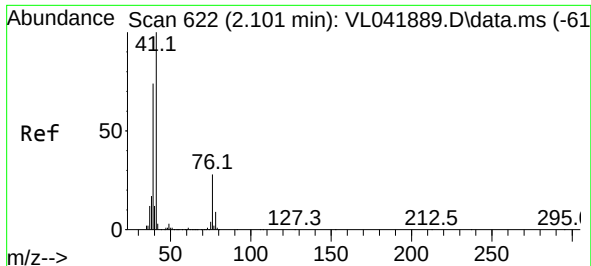
Tgt Ion: 45 Resp: 100549
Ion Ratio Lower Upper
45 100
58 45.8 35.0 52.6



#20
Methylene Chloride
Concen: 7.456 ppbv
RT: 2.055 min Scan# 608
Delta R.T. -0.013 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 84 Resp: 58417
Ion Ratio Lower Upper
84 100
49 162.5 123.1 184.7
51 51.6 35.8 53.8
86 63.3 53.7 80.5

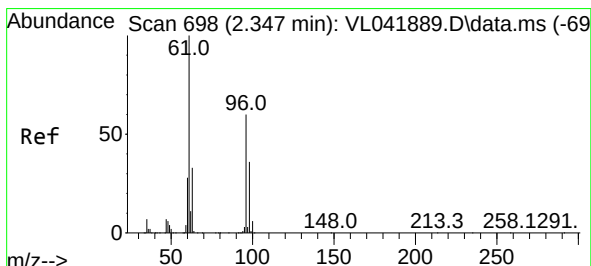
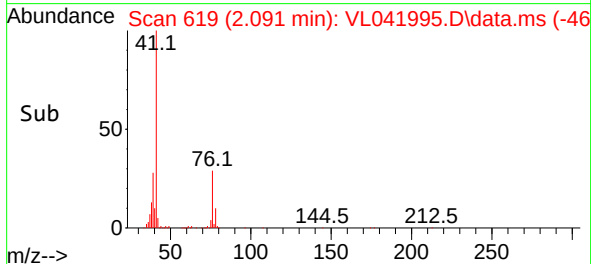
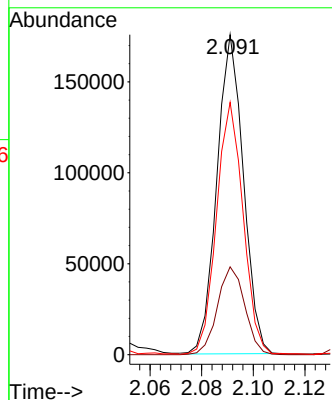
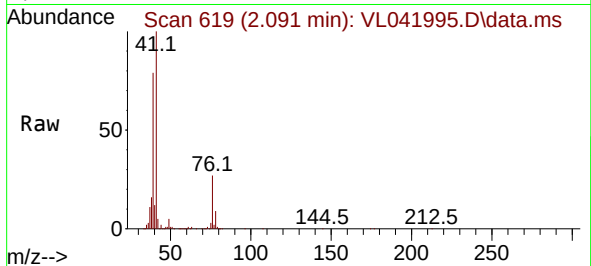




#21
 Allyl Chloride
 Concen: 9.129 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.010 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

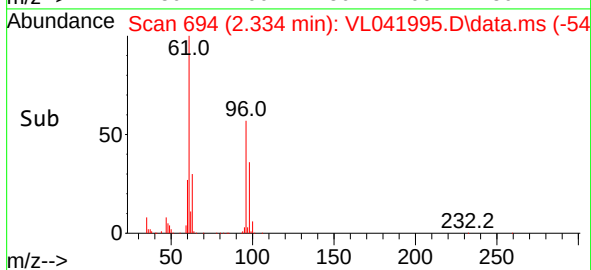
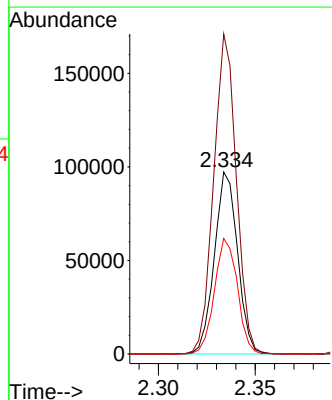
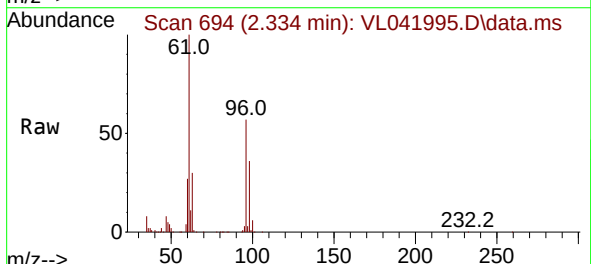
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

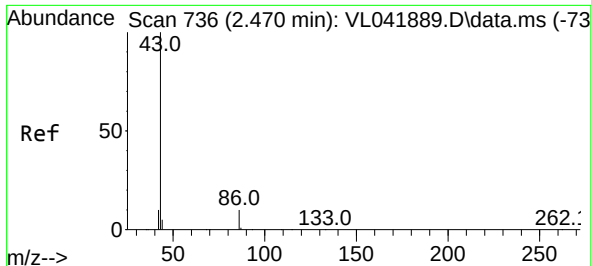
Tgt Ion: 41 Resp: 125320
 Ion Ratio Lower Upper
 41 100
 76 28.2 24.2 36.4
 39 78.4 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 8.692 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.013 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 96 Resp: 81044
 Ion Ratio Lower Upper
 96 100
 61 175.9 134.5 201.7
 98 63.5 48.9 73.3

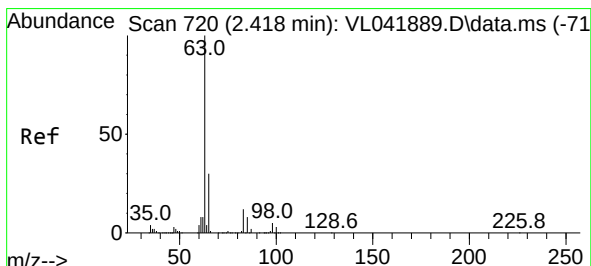
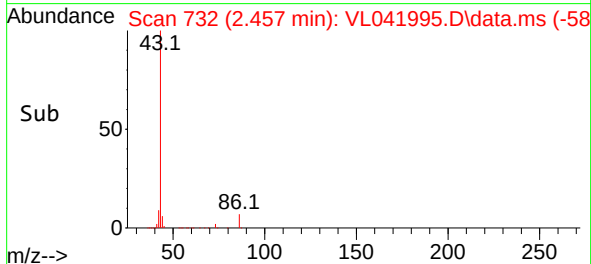
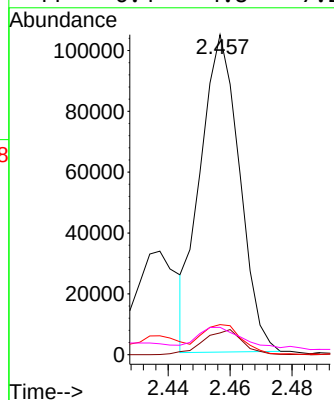
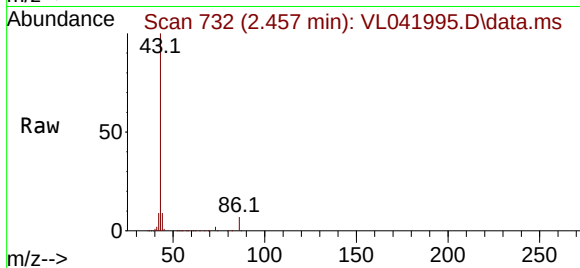




#23
 Vinyl Acetate
 Concen: 9.298 ppbv
 RT: 2.457 min Scan# 715
 Delta R.T. -0.013 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

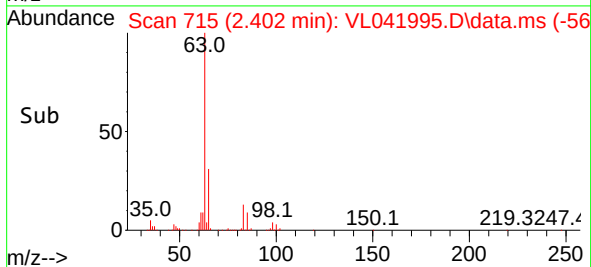
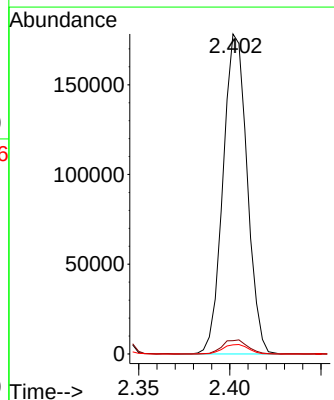
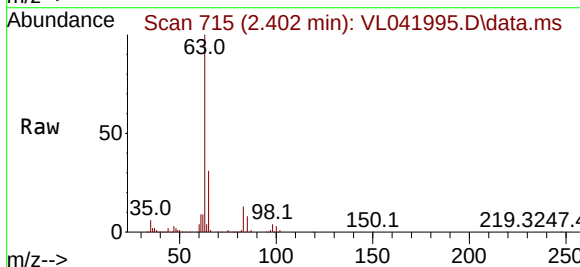
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

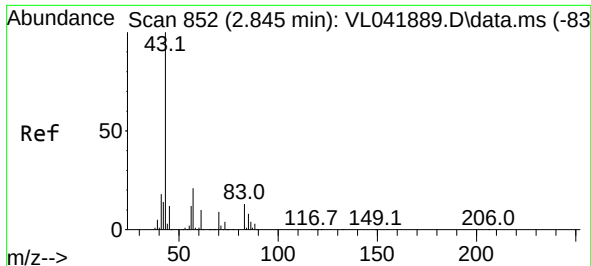
Tgt Ion:	43	Resp:	91374
Ion	Ratio	Lower	Upper
43	100		
86	6.7	6.2	9.4
42	9.2	8.5	12.7
44	6.4	4.8	7.2



#24
 1,1-Dichloroethane
 Concen: 9.085 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.016 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion:	63	Resp:	163843
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.6	7.8
100	2.8	1.4	4.2

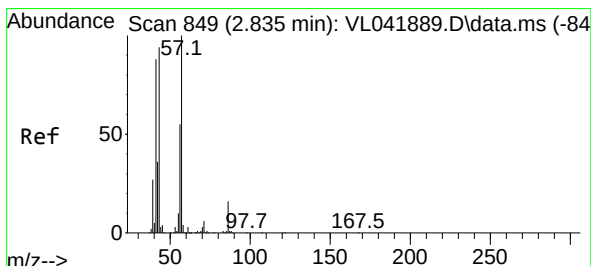
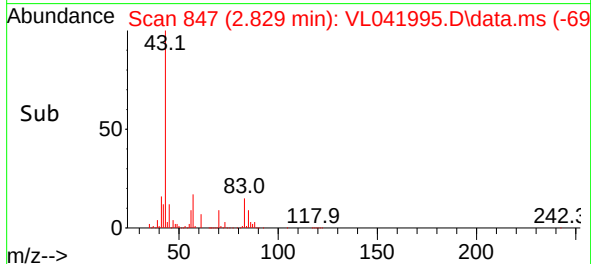
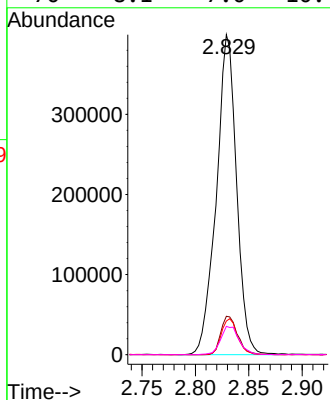
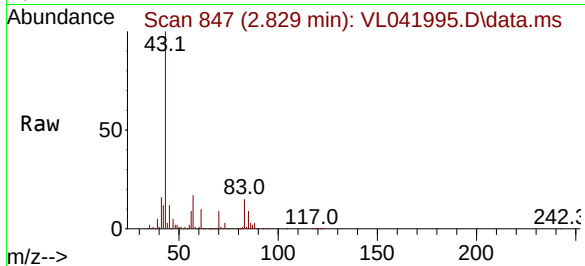




#25
Ethyl Acetate
Concen: 9.848 ppbv
RT: 2.829 min Scan# 844
Delta R.T. -0.016 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

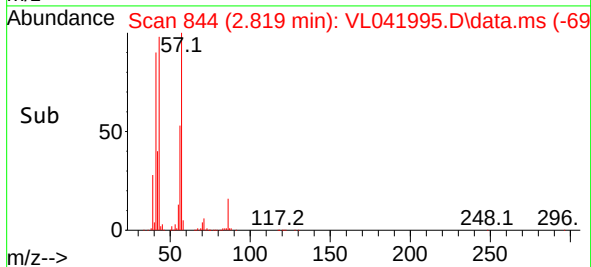
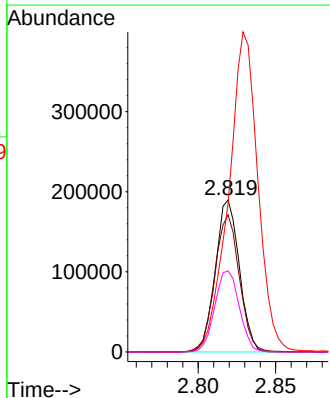
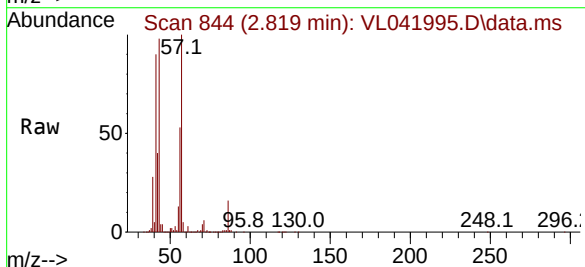
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

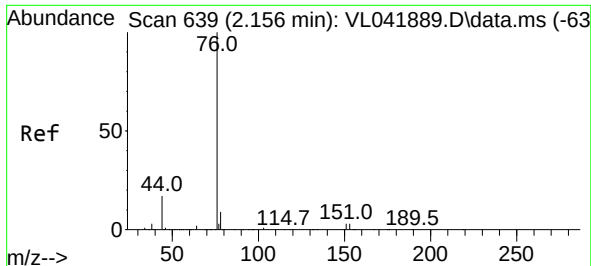
Tgt Ion: 43 Resp: 526507
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.2
61 9.1 7.4 11.0
70 8.1 7.0 10.4



#26
Hexane
Concen: 9.652 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.016 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 57 Resp: 204080
Ion Ratio Lower Upper
57 100
41 92.8 73.8 110.8
43 259.6 197.3 295.9
56 54.8 42.7 64.1

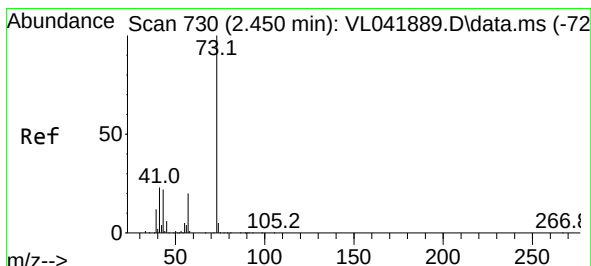
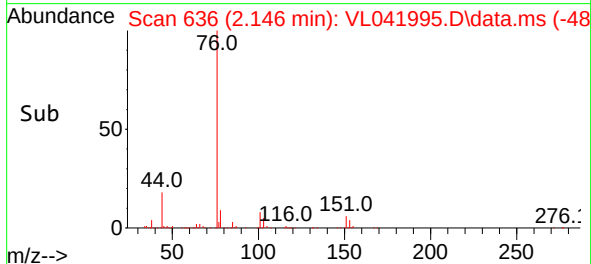
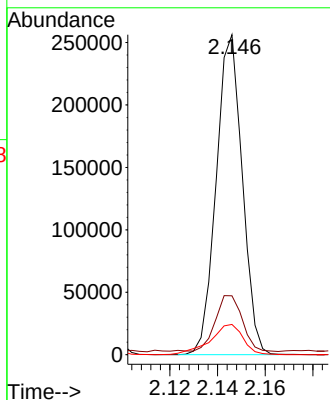
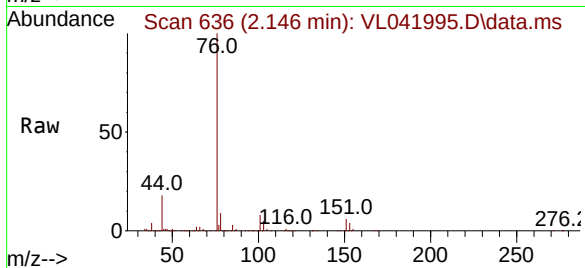




#27
Carbon Disulfide
Concen: 9.301 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.010 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

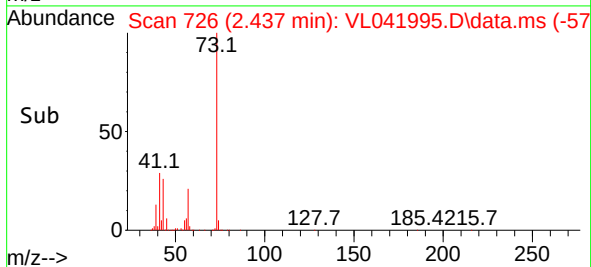
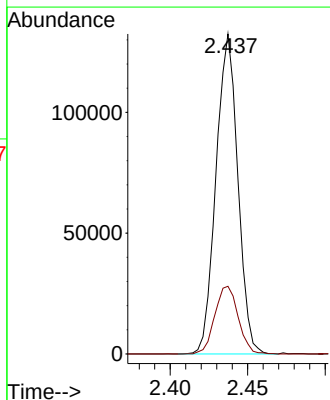
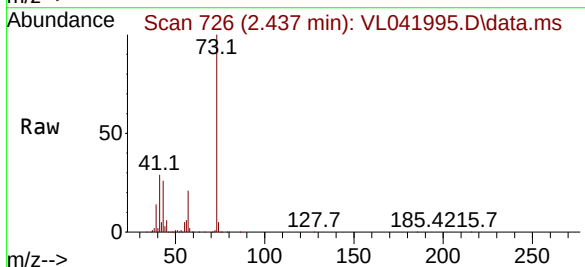
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

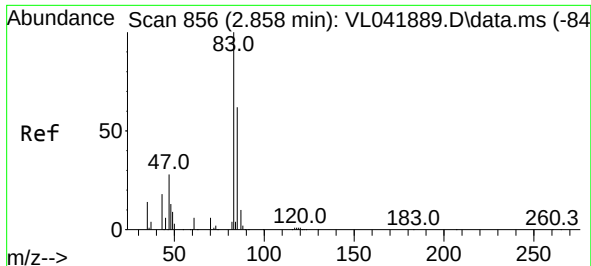
Tgt Ion: 76 Resp: 194622
Ion Ratio Lower Upper
76 100
44 18.7 15.4 23.0
78 11.9 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.030 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 73 Resp: 129783
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1





#29

Chloroform

Concen: 9.436 ppbv

RT: 2.842 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

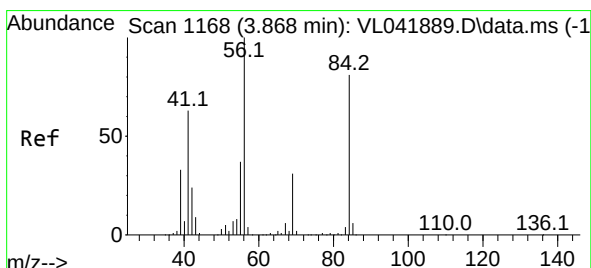
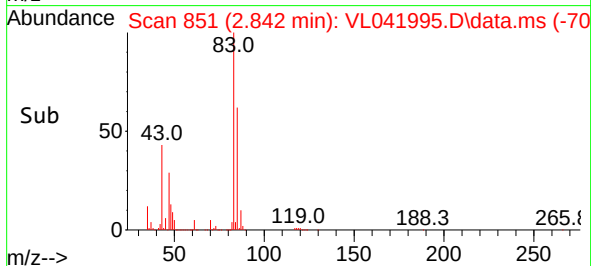
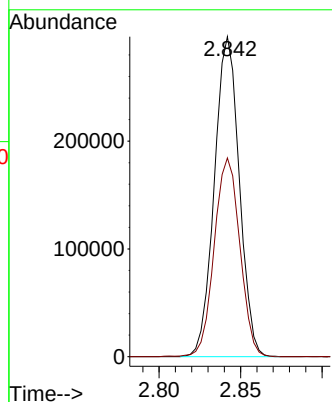
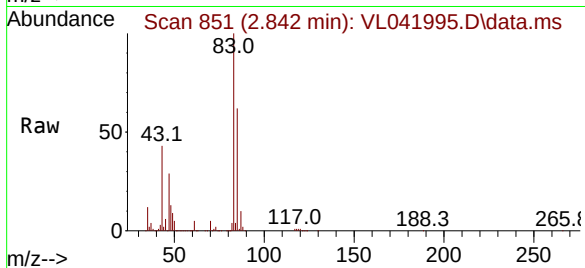
VSTDCCC010

Tgt Ion: 83 Resp: 315379

Ion Ratio Lower Upper

83 100

85 62.1 50.1 75.1



#30

Cyclohexane

Concen: 9.359 ppbv

RT: 3.848 min Scan# 1162

Delta R.T. -0.019 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

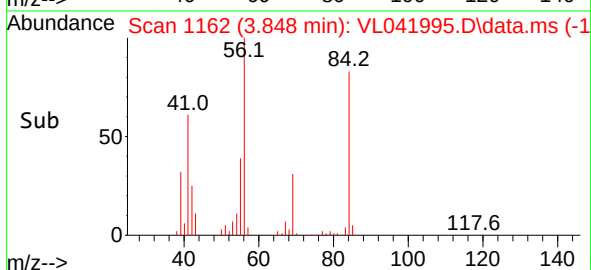
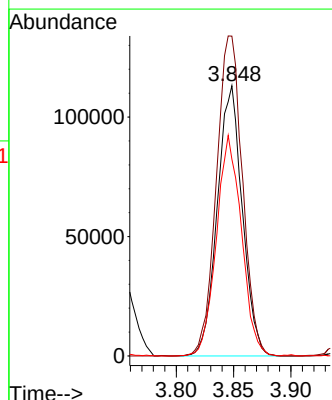
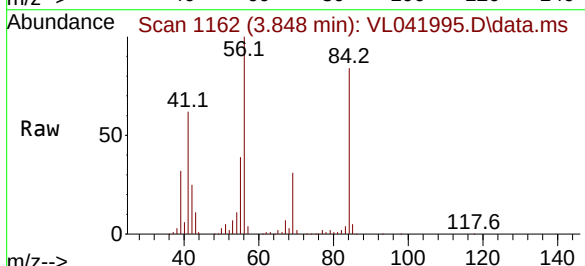
Tgt Ion: 84 Resp: 171649

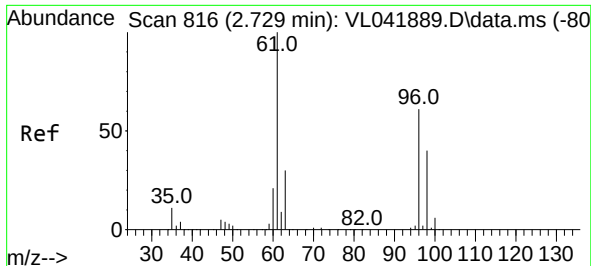
Ion Ratio Lower Upper

84 100

56 123.6 99.3 148.9

41 81.9 64.3 96.5

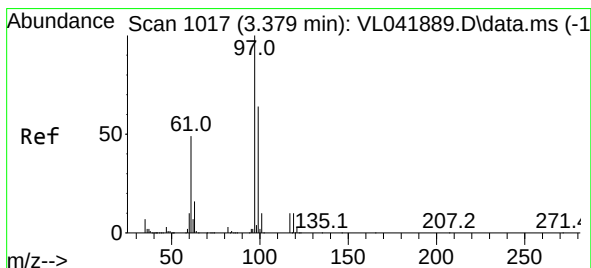
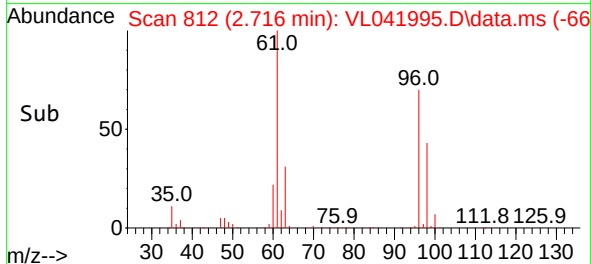
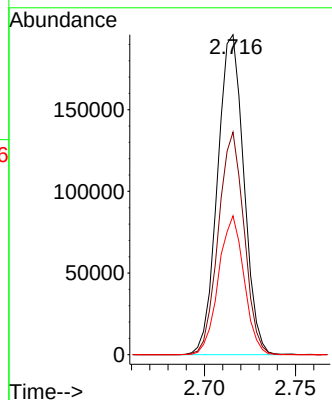
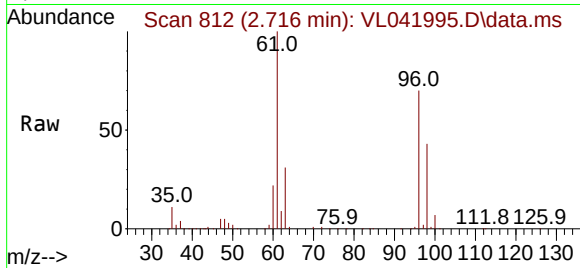




#31
 cis-1,2-Dichloroethene
 Concen: 8.841 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

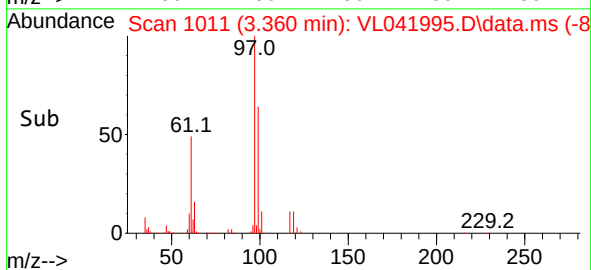
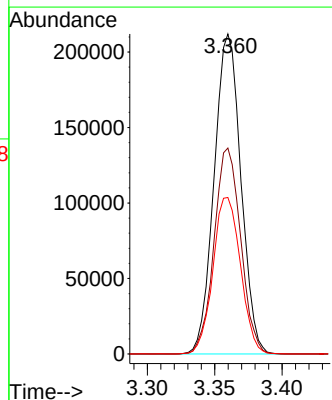
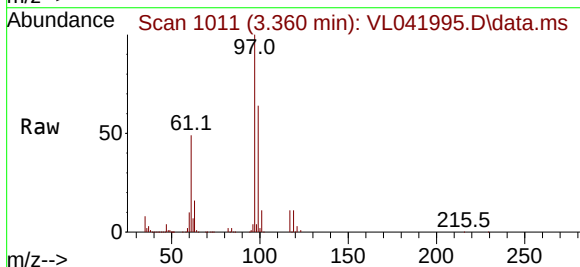
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

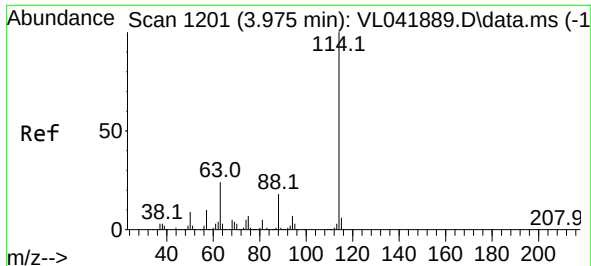
Tgt Ion: 61 Resp: 196842
 Ion Ratio Lower Upper
 61 100
 96 69.6 48.7 73.1
 98 43.3 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 9.173 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.019 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 97 Resp: 293390
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.1 76.7
 61 50.4 39.0 58.6

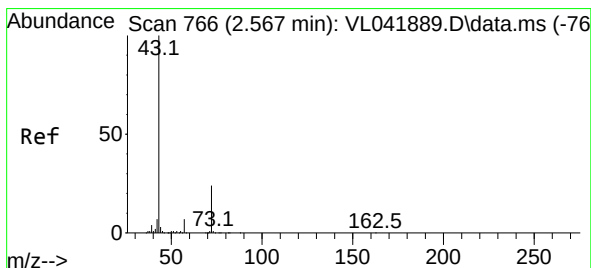
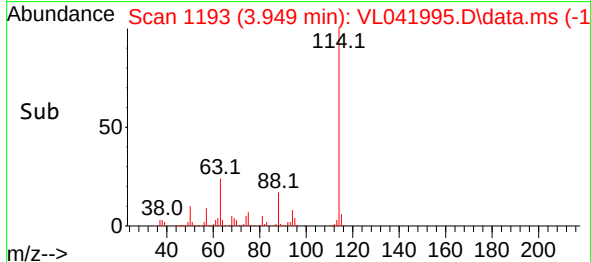
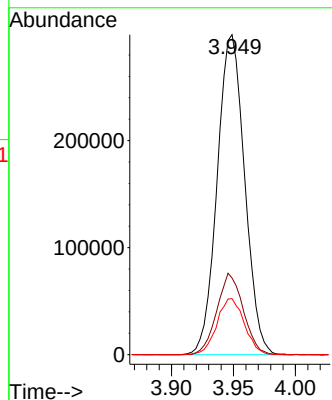
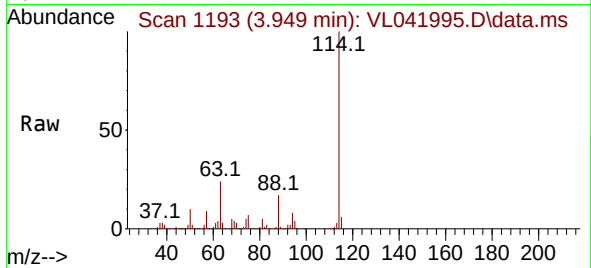




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1119
Delta R.T. -0.026 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

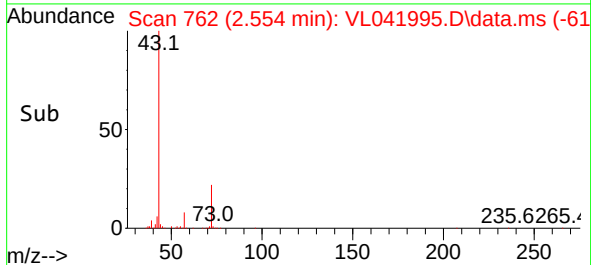
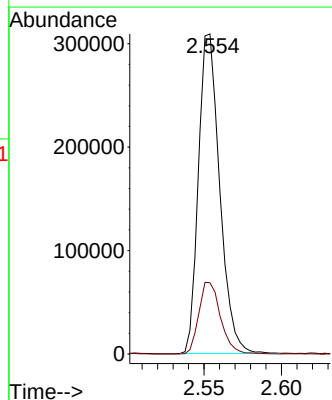
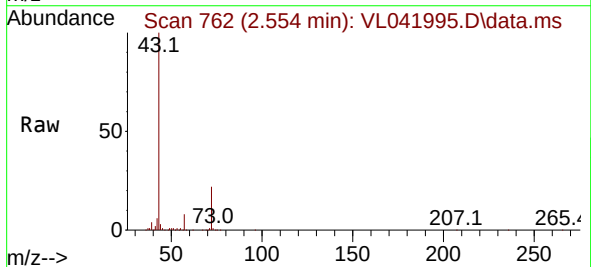
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

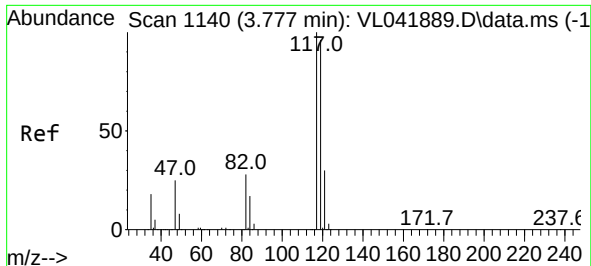
Tgt Ion:114 Resp: 461899
Ion Ratio Lower Upper
114 100
63 24.5 19.8 29.6
88 17.5 14.4 21.6



#34
2-Butanone
Concen: 10.055 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.013 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 43 Resp: 295348
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

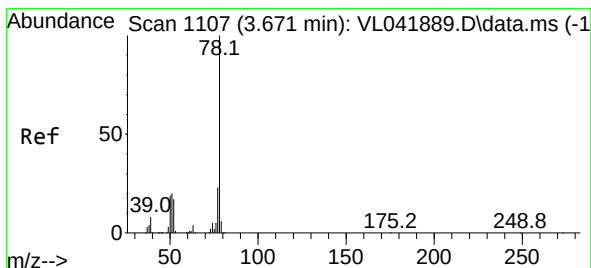
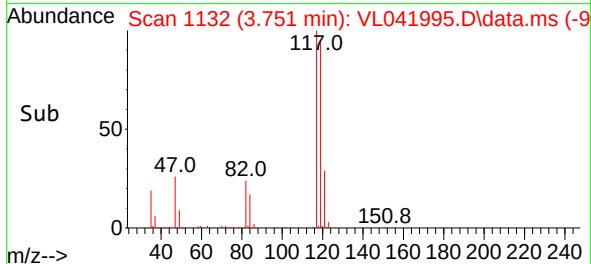
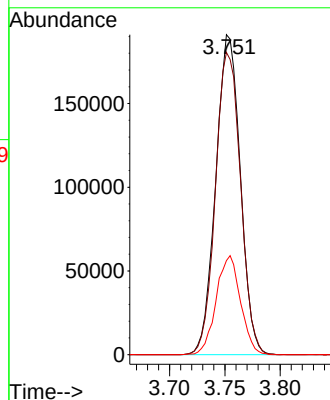
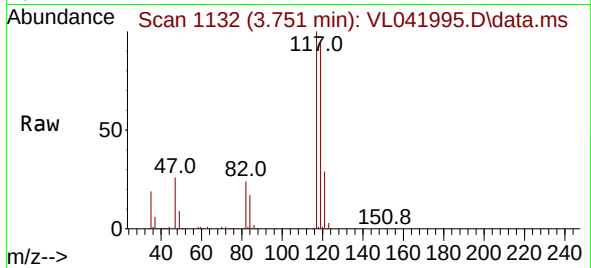




#35
Carbon Tetrachloride
Concen: 10.174 ppbv
RT: 3.751 min Scan# 1132
Delta R.T. -0.026 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

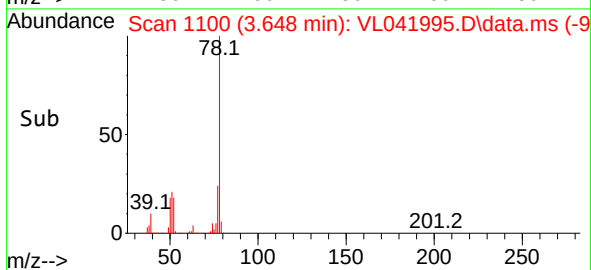
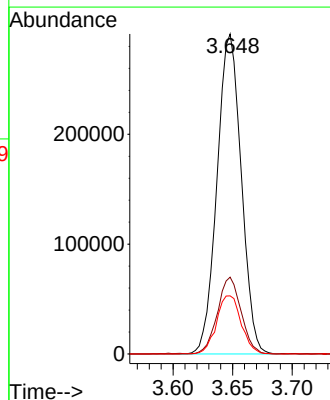
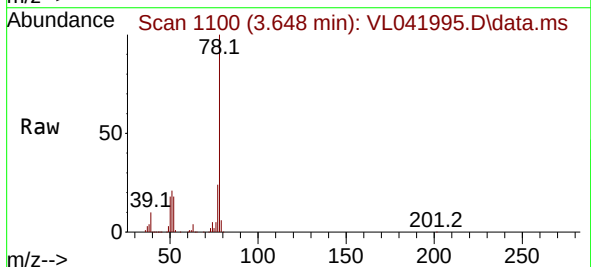
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

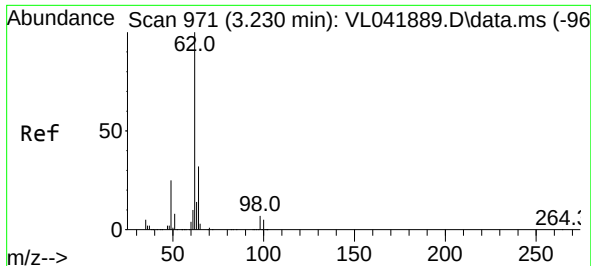
Tgt Ion:117 Resp: 295193
Ion Ratio Lower Upper
117 100
119 94.4 76.9 115.3
121 29.4 23.8 35.6



#36
Benzene
Concen: 9.720 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.023 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 78 Resp: 411802
Ion Ratio Lower Upper
78 100
77 24.0 18.1 27.1
50 18.2 15.2 22.8

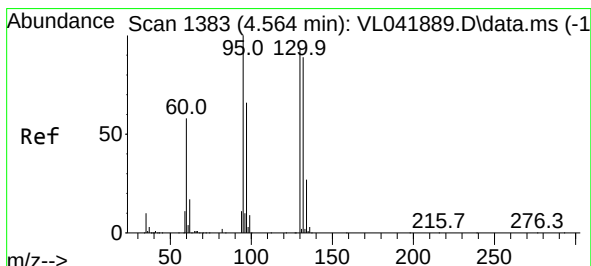
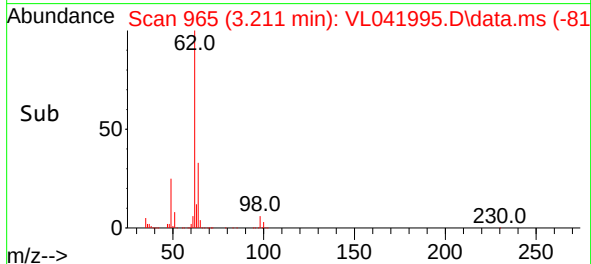
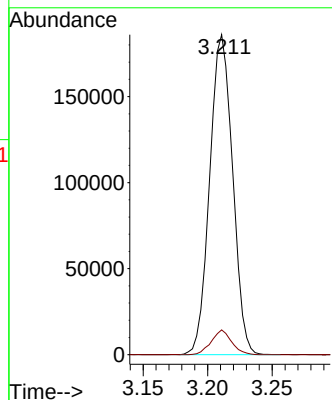
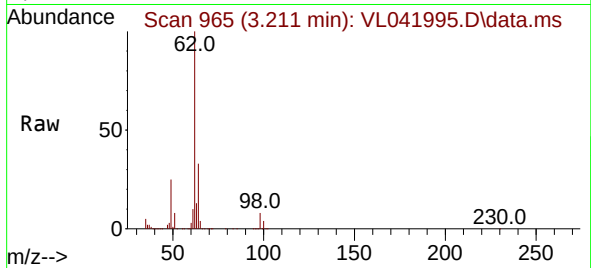




#37
1,2-Dichloroethane
Concen: 9.640 ppbv
RT: 3.211 min Scan# 91
Delta R.T. -0.019 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

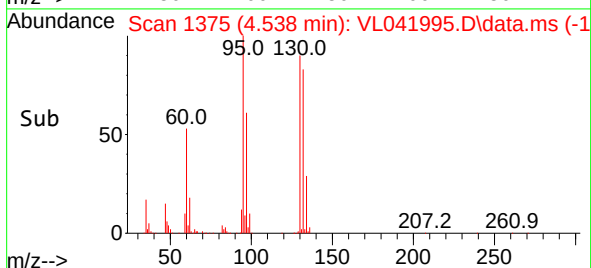
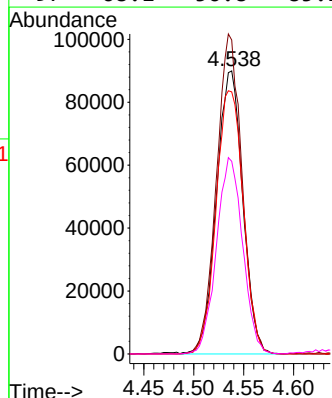
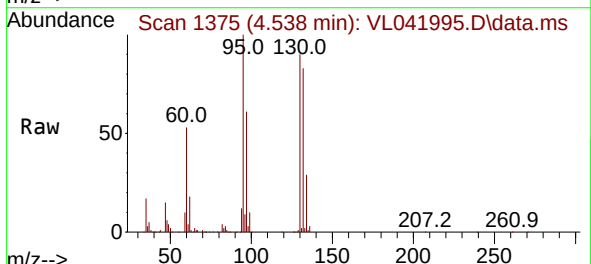
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

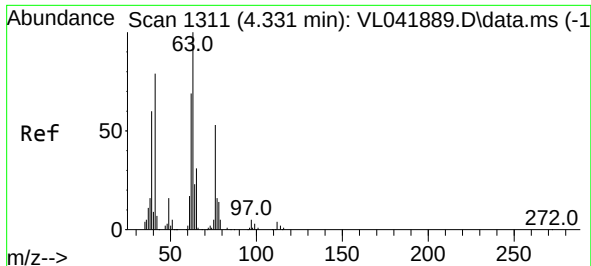
Tgt Ion: 62 Resp: 229357
Ion Ratio Lower Upper
62 100
98 6.9 5.4 8.0



#38
Trichloroethene
Concen: 9.805 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. -0.026 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion:130 Resp: 164845
Ion Ratio Lower Upper
130 100
95 110.9 85.8 128.8
132 92.5 76.5 114.7
97 68.1 56.8 85.2





#39

1,2-Dichloropropane

Concen: 10.031 ppbv

RT: 4.305 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

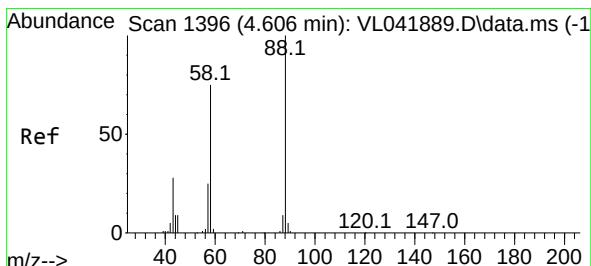
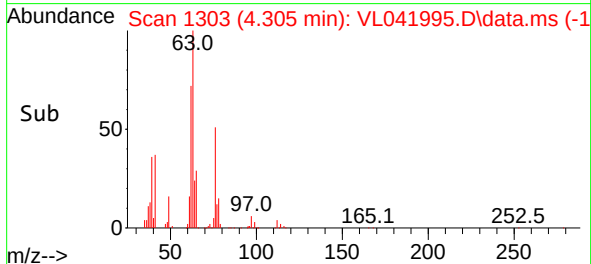
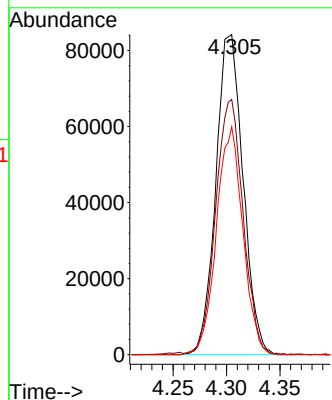
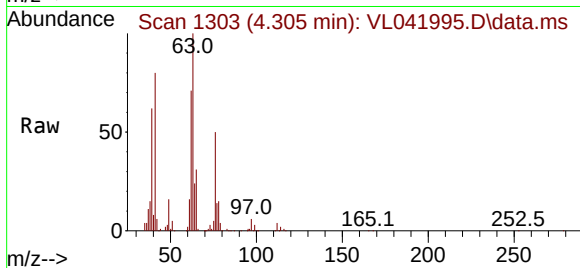
Tgt Ion: 63 Resp: 149071

Ion Ratio Lower Upper

63 100

41 79.5 63.7 95.5

62 71.2 55.4 83.2



#40

1,4-Dioxane

Concen: 9.727 ppbv

RT: 4.573 min Scan# 1386

Delta R.T. -0.032 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Tgt Ion: 88 Resp: 72996

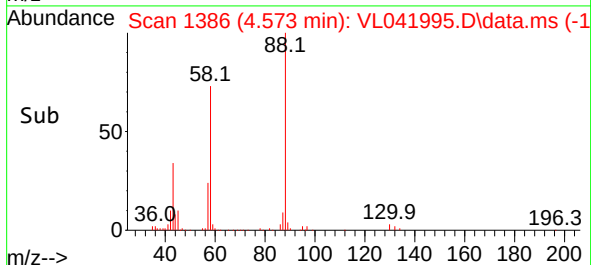
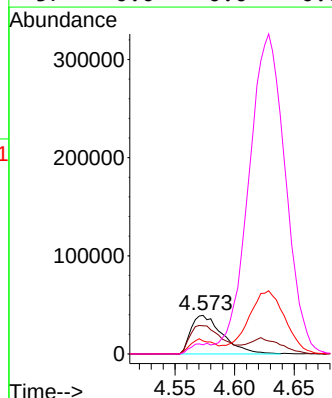
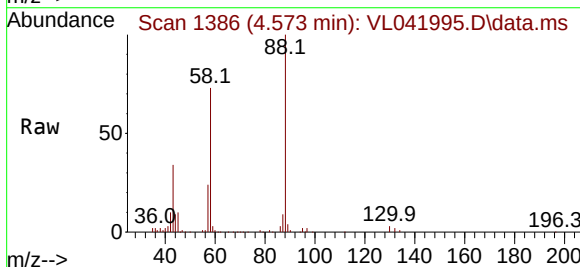
Ion Ratio Lower Upper

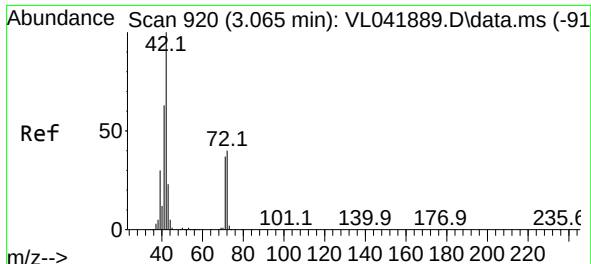
88 100

58 74.1 62.1 93.1

43 33.2 0.0 0.0#

57 0.0 0.0 0.0

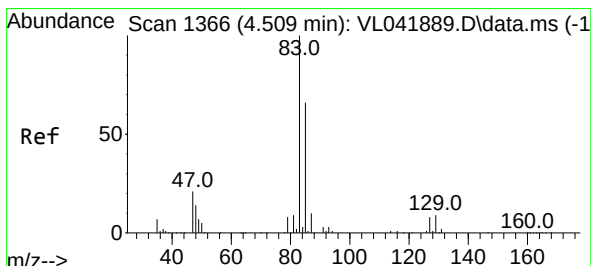
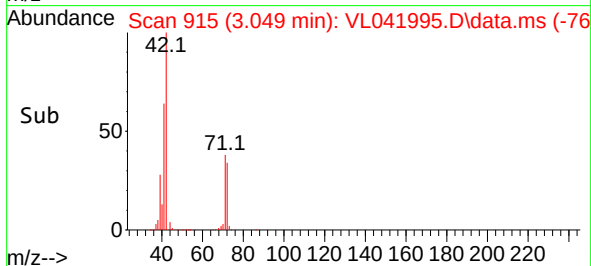
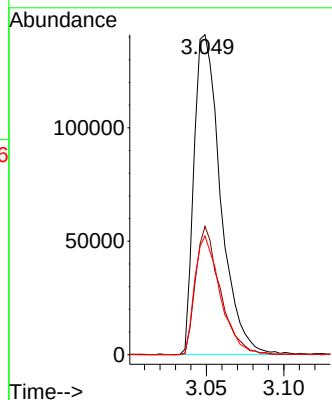
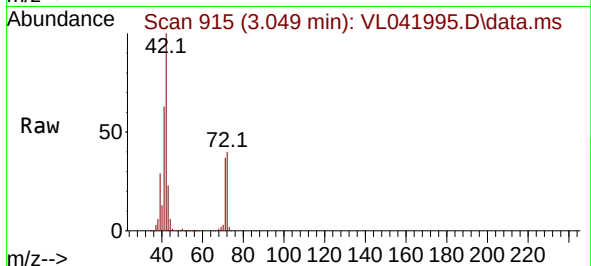




#41
Tetrahydrofuran
Concen: 10.541 ppbv
RT: 3.049 min Scan# 915
Delta R.T. -0.016 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

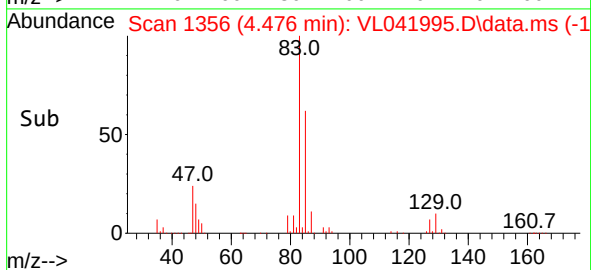
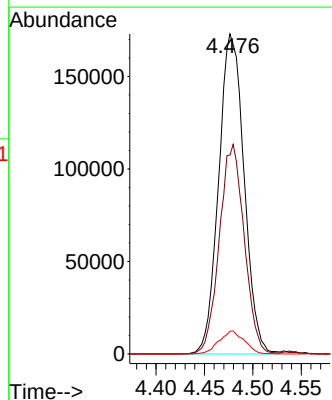
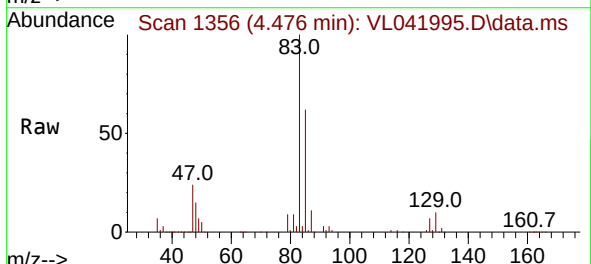
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

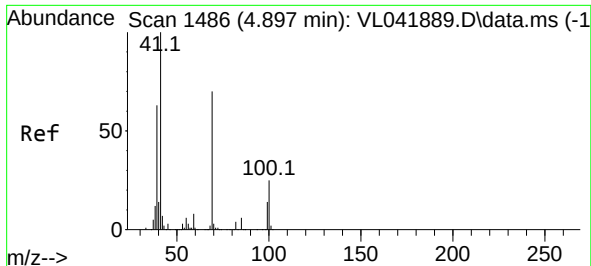
Tgt Ion: 42 Resp: 168274
Ion Ratio Lower Upper
42 100
72 37.5 32.3 48.5
71 35.9 29.9 44.9



#42
Bromodichloromethane
Concen: 9.897 ppbv
RT: 4.476 min Scan# 1356
Delta R.T. -0.032 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 83 Resp: 315744
Ion Ratio Lower Upper
83 100
85 62.2 52.6 78.8
127 7.1 6.4 9.6

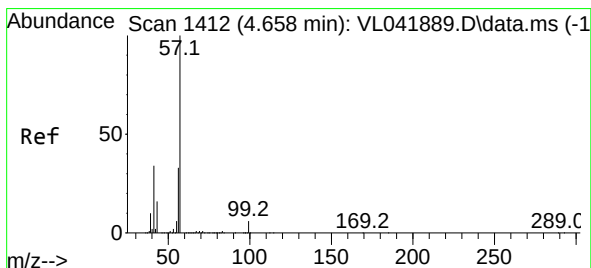
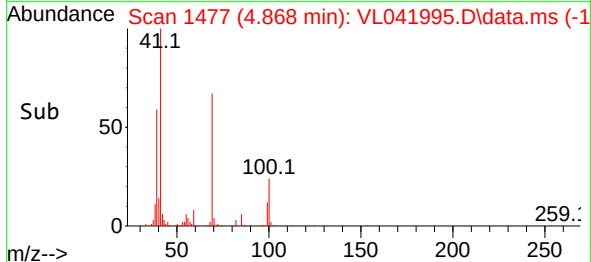
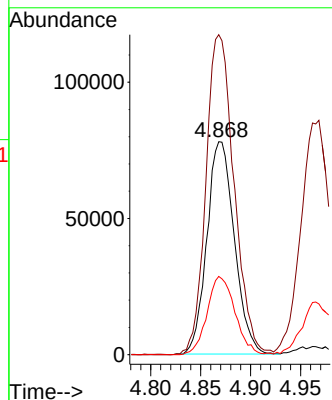
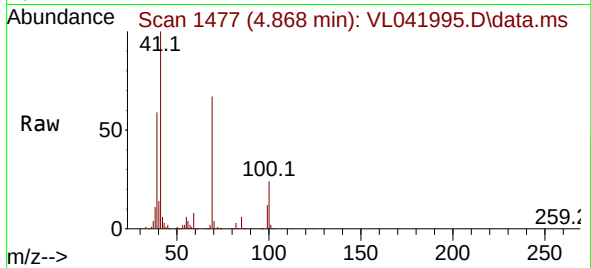




#43
Methyl Methacrylate
Concen: 9.482 ppbv
RT: 4.868 min Scan# 1403
Delta R.T. -0.029 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

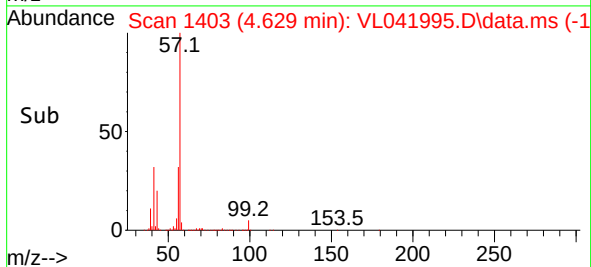
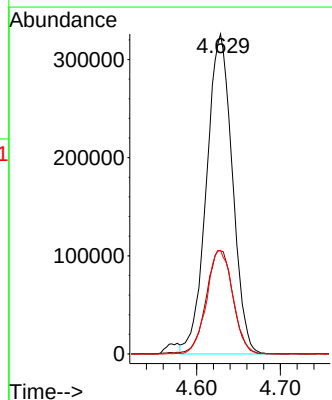
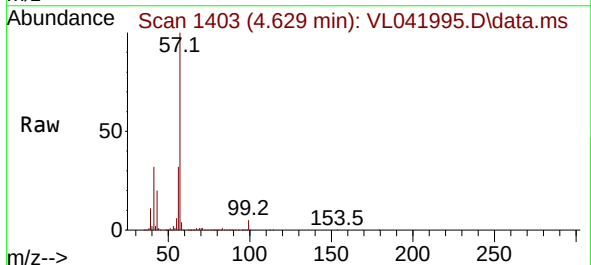
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

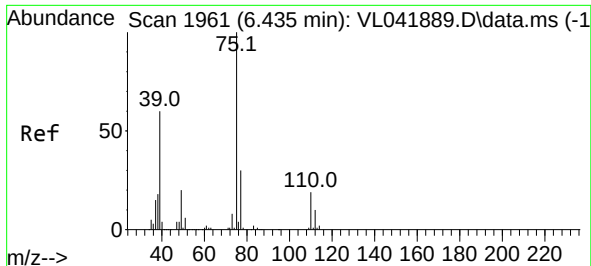
Tgt Ion: 69 Resp: 149235
Ion Ratio Lower Upper
69 100
41 154.4 118.6 177.8
100 37.3 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 10.200 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. -0.029 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 57 Resp: 698939
Ion Ratio Lower Upper
57 100
41 33.7 26.6 40.0
56 32.7 25.4 38.2

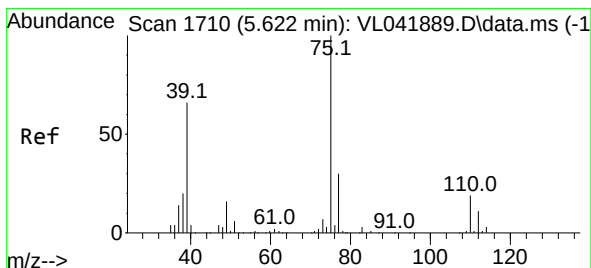
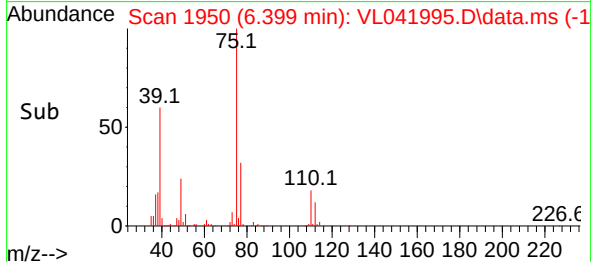
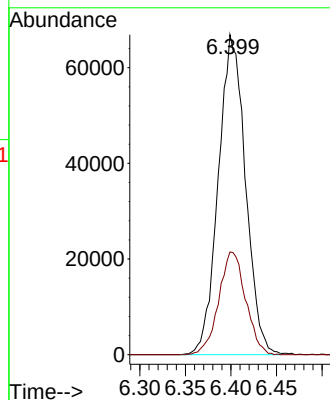
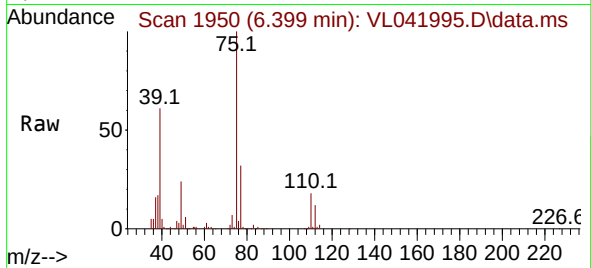




#45
 t-1,3-Dichloropropene
 Concen: 9.406 ppbv
 RT: 6.399 min Scan# 1699
 Delta R.T. -0.036 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

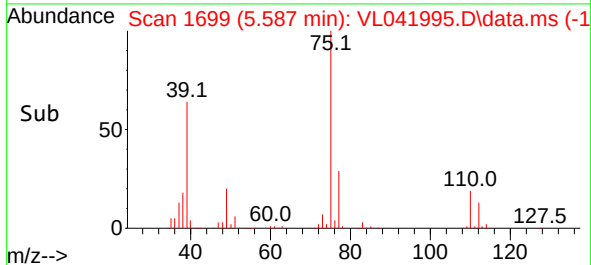
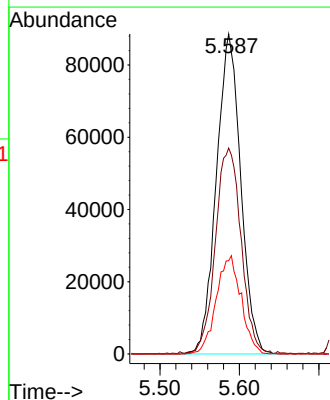
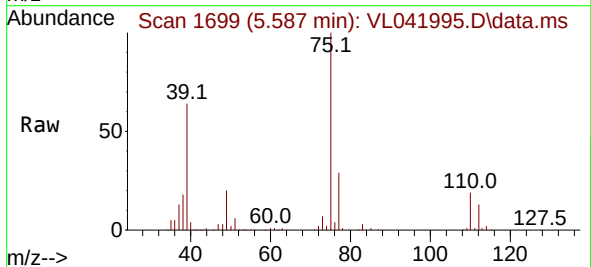
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

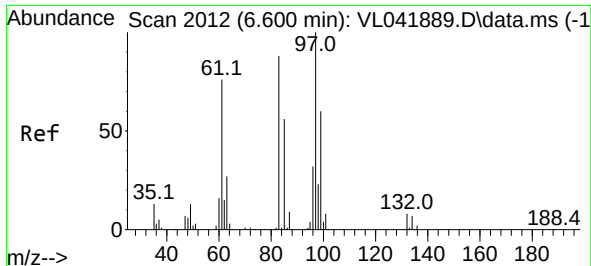
Tgt Ion: 75 Resp: 138557
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.3 36.5



#46
 cis-1,3-Dichloropropene
 Concen: 9.753 ppbv
 RT: 5.587 min Scan# 1699
 Delta R.T. -0.036 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 75 Resp: 188644
 Ion Ratio Lower Upper
 75 100
 39 64.1 53.1 79.7
 77 29.1 23.8 35.8



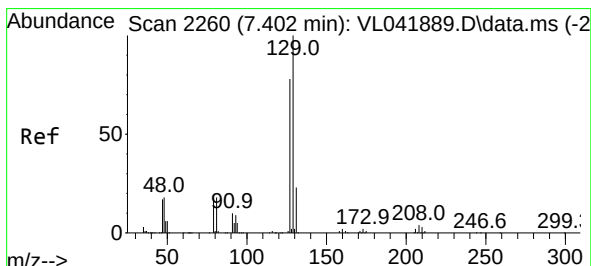
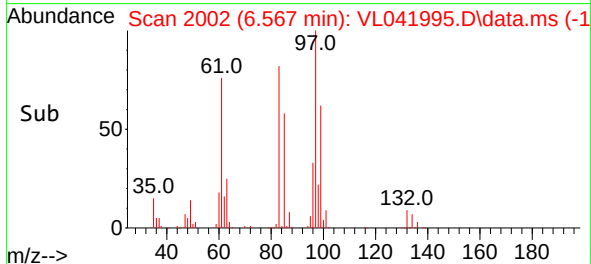
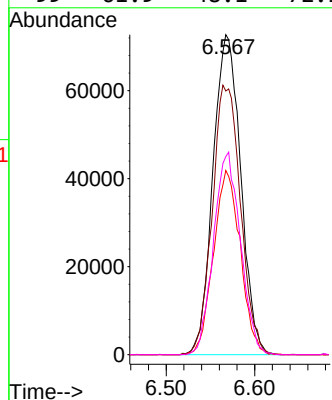
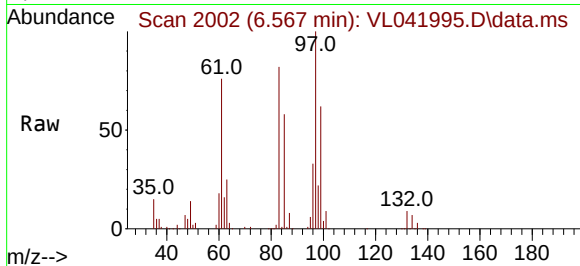


#47
 1,1,2-Trichloroethane
 Concen: 10.056 ppbv
 RT: 6.567 min Scan# 2012
 Delta R.T. -0.032 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 97 Resp: 158381

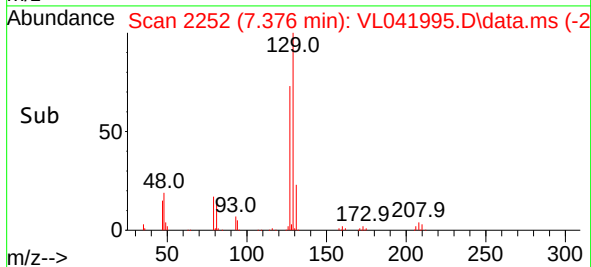
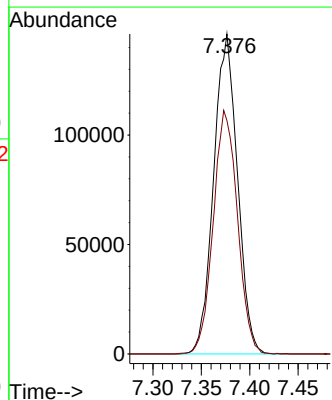
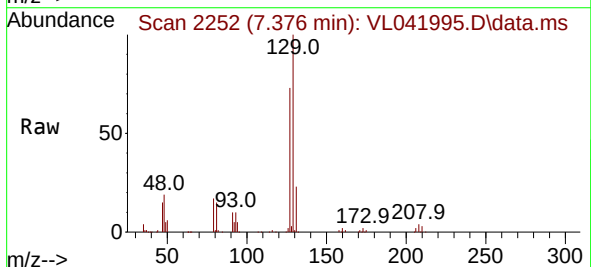
Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.4	105.6
85	57.6	45.0	67.4
99	61.9	48.1	72.1

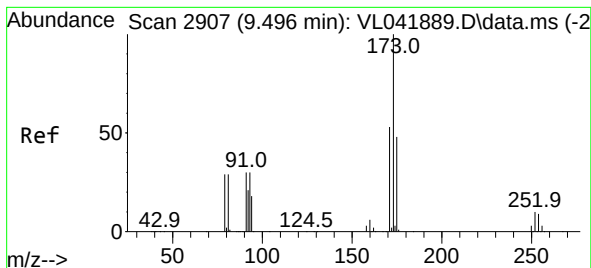


#48
 Dibromochloromethane
 Concen: 10.302 ppbv
 RT: 7.376 min Scan# 2252
 Delta R.T. -0.026 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 129 Resp: 250346

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.3	117.8





#49

Bromoform

Concen: 10.385 ppbv

RT: 9.474 min Scan# 2907

Delta R.T. -0.023 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

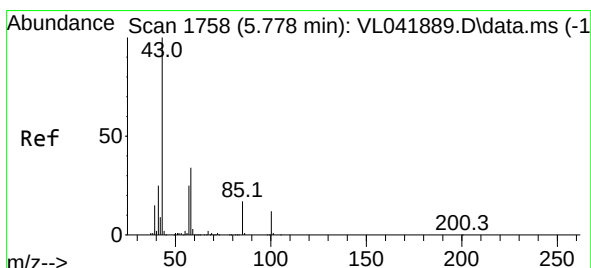
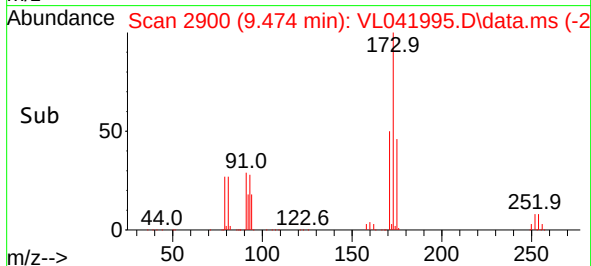
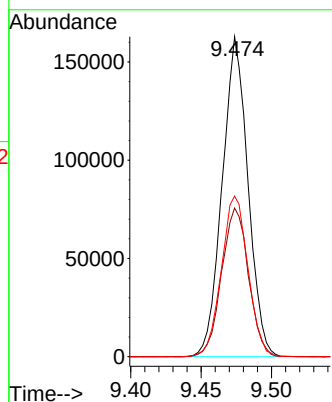
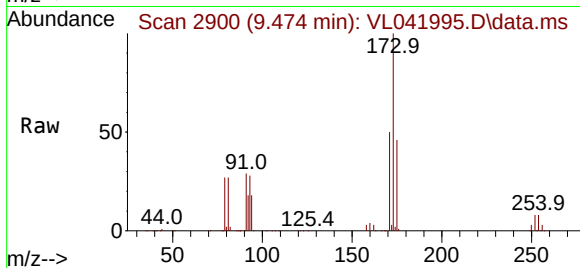
Tgt Ion:173 Resp: 207303

Ion Ratio Lower Upper

173 100

175 48.6 38.4 57.6

171 52.0 41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 10.210 ppbv

RT: 5.739 min Scan# 1746

Delta R.T. -0.039 min

Lab File: VL041995.D

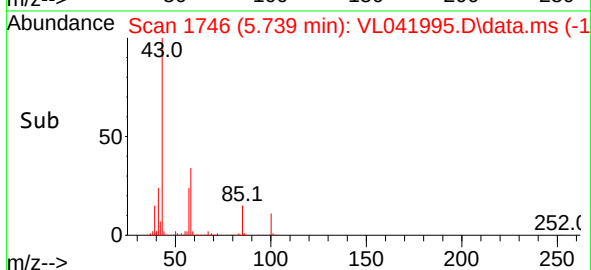
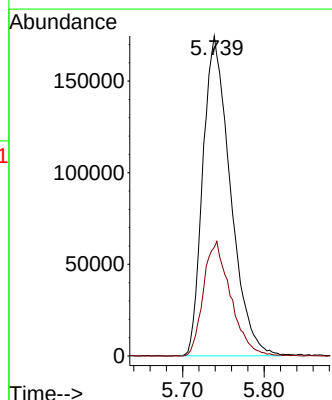
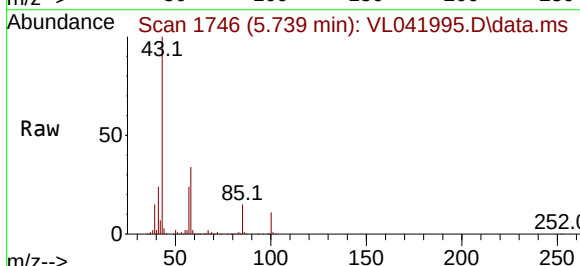
Acq: 11 Feb 2025 09:21

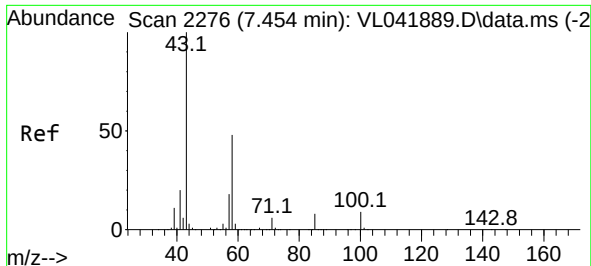
Tgt Ion: 43 Resp: 409441

Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.6

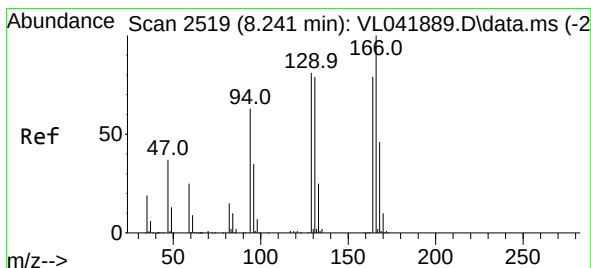
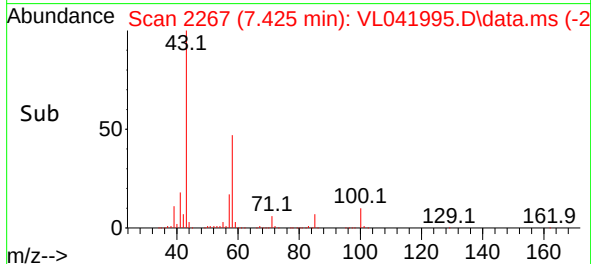
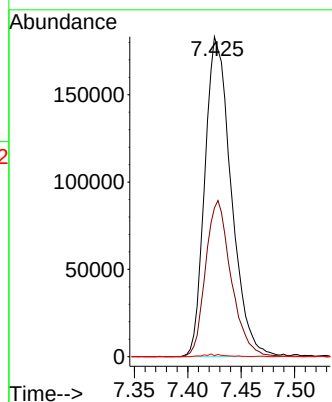
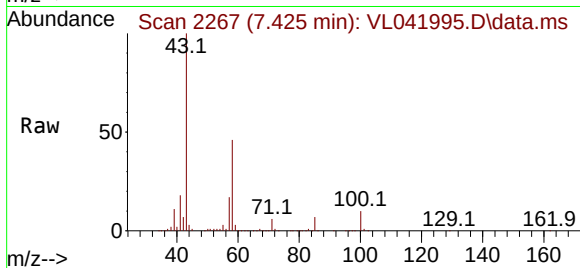




#51
2-Hexanone
Concen: 10.203 ppbv
RT: 7.425 min Scan# 211
Delta R.T. -0.029 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

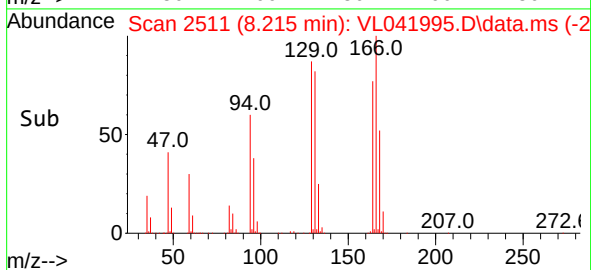
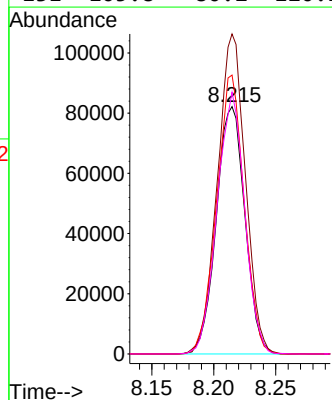
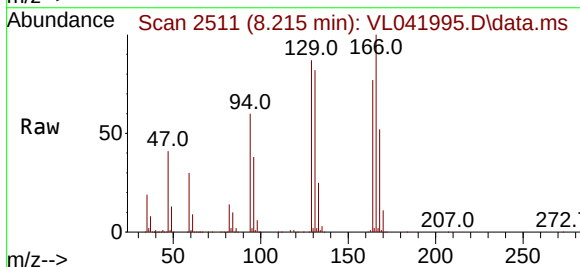
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

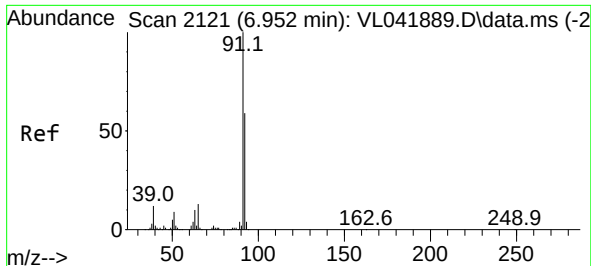
Tgt Ion: 43 Resp: 314376
Ion Ratio Lower Upper
43 100
58 47.6 40.4 60.6
98 0.7 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.984 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.026 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion:164 Resp: 131972
Ion Ratio Lower Upper
164 100
166 129.3 100.8 151.2
129 112.8 82.0 123.0
131 105.8 80.2 120.2





#53

Toluene

Concen: 9.874 ppbv

RT: 6.920 min Scan# 2111

Delta R.T. -0.032 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

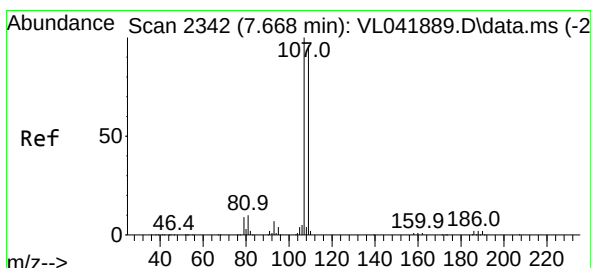
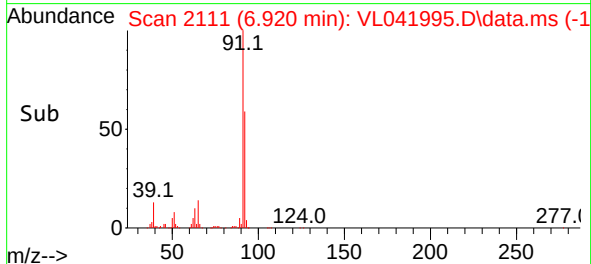
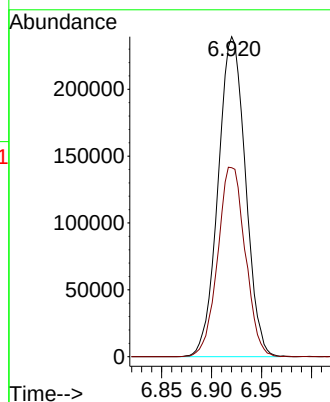
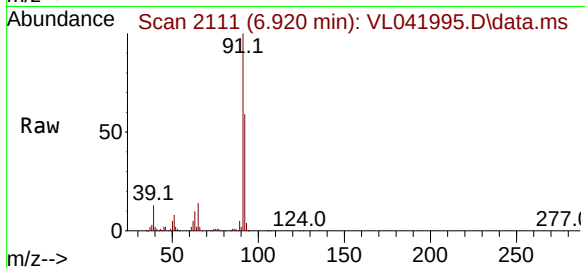
VSTDCCC010

Tgt Ion: 91 Resp: 455647

Ion Ratio Lower Upper

91 100

92 59.6 47.4 71.0



#54

1,2-Dibromoethane

Concen: 9.937 ppbv

RT: 7.639 min Scan# 2333

Delta R.T. -0.029 min

Lab File: VL041995.D

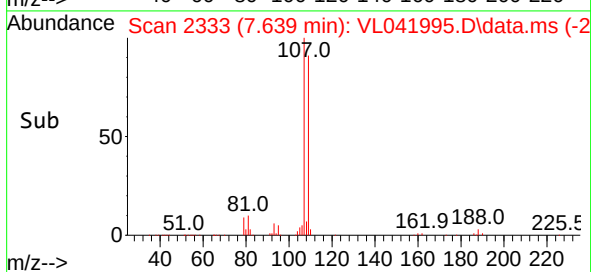
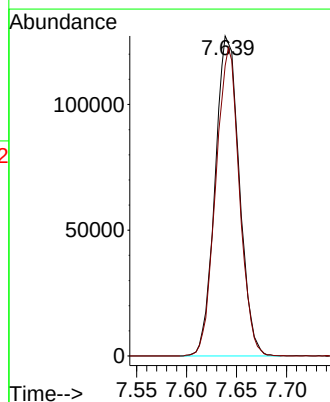
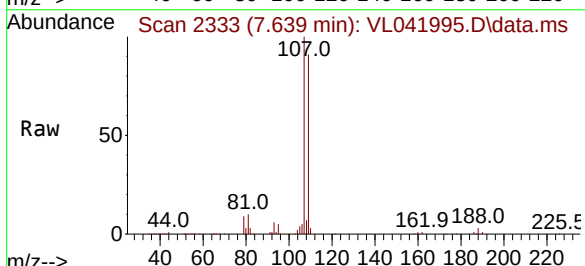
Acq: 11 Feb 2025 09:21

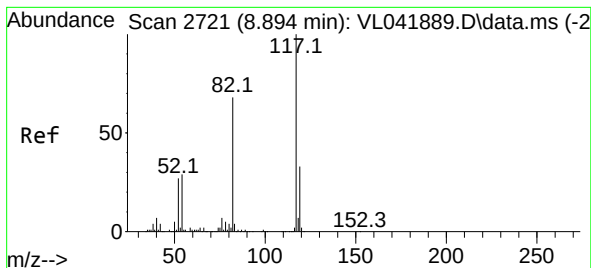
Tgt Ion: 107 Resp: 215163

Ion Ratio Lower Upper

107 100

109 90.7 76.7 115.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.872 min Scan# 21

Delta R.T. -0.023 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

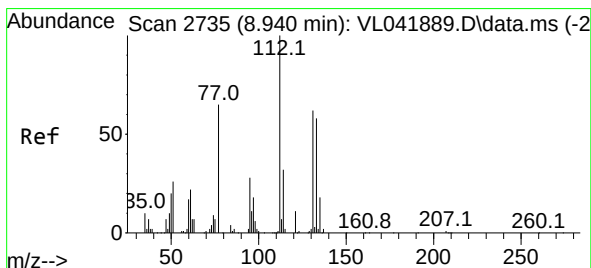
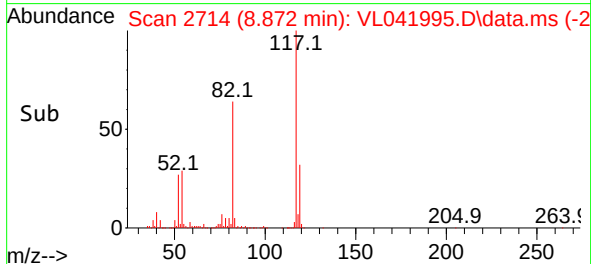
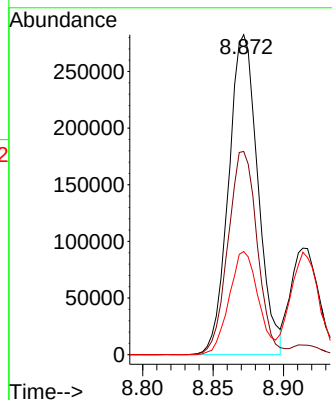
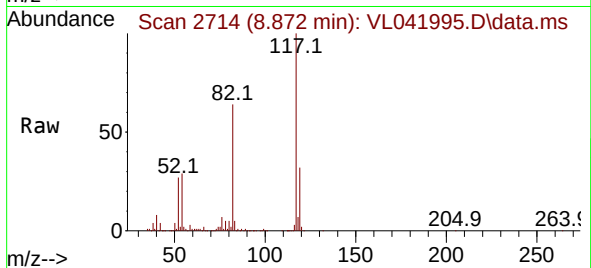
Tgt Ion:117 Resp: 409502

Ion Ratio Lower Upper

117 100

82 66.6 54.2 81.4

119 32.3 25.0 37.6



#56

1,1,1,2-Tetrachloroethane

Concen: 10.139 ppbv

RT: 8.914 min Scan# 2727

Delta R.T. -0.026 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

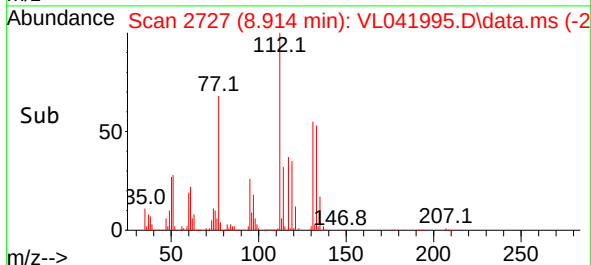
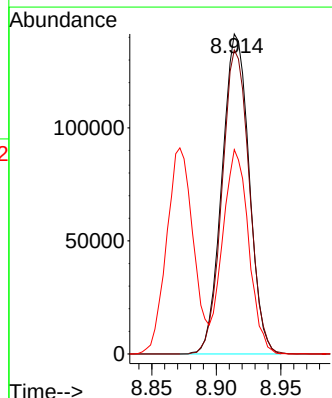
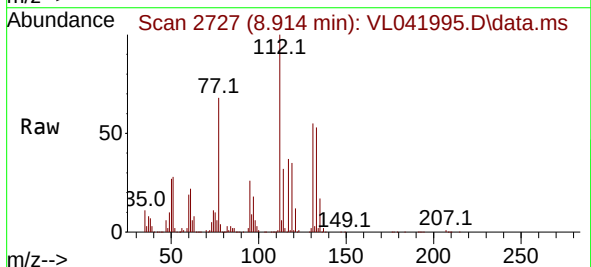
Tgt Ion:131 Resp: 207137

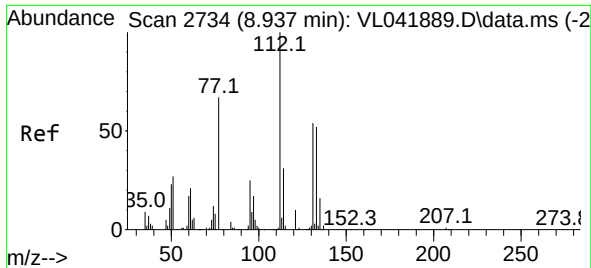
Ion Ratio Lower Upper

131 100

133 95.0 76.0 114.0

119 60.7 49.7 74.5

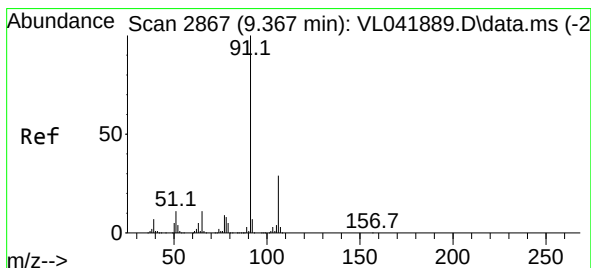
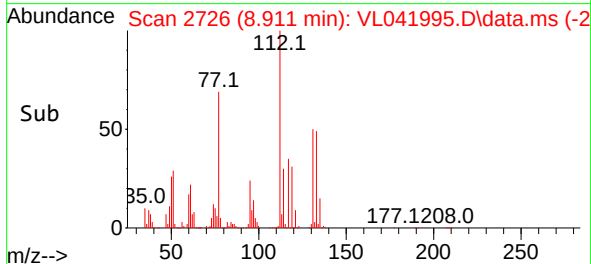
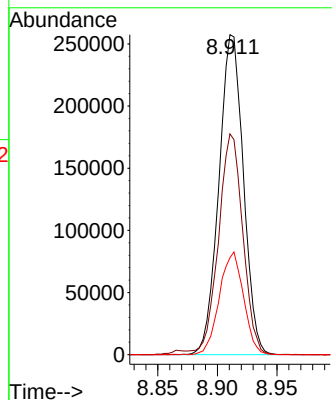
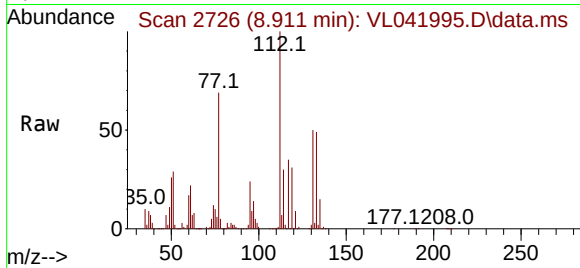




#57
Chlorobenzene
Concen: 9.737 ppbv
RT: 8.911 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

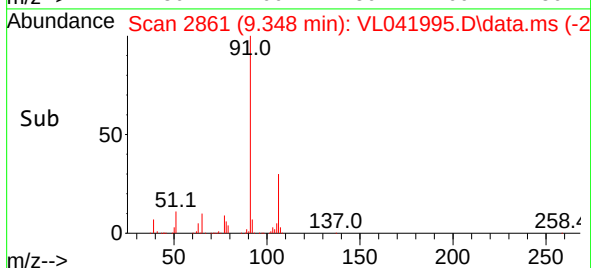
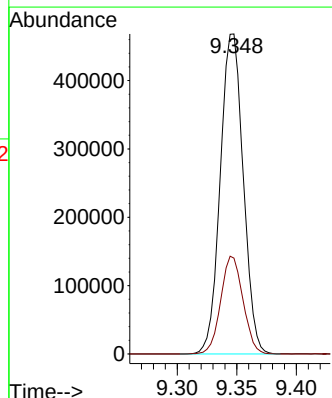
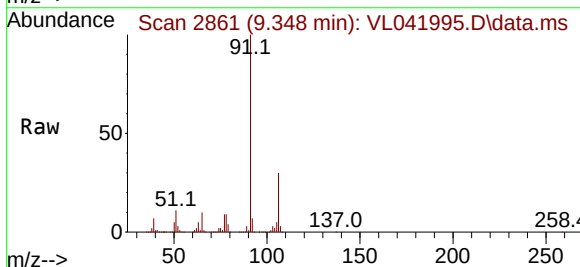
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

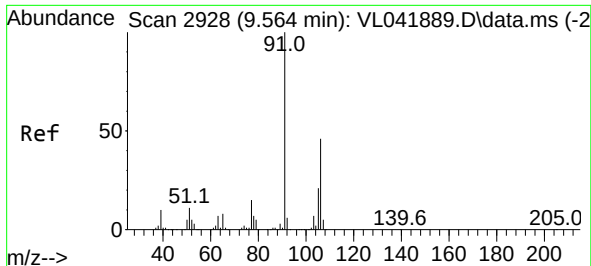
Tgt Ion:112 Resp: 367808
Ion Ratio Lower Upper
112 100
77 69.0 54.6 82.0
114 30.3 28.2 34.4



#58
Ethyl Benzene
Concen: 9.794 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. -0.019 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 91 Resp: 626798
Ion Ratio Lower Upper
91 100
106 30.0 23.1 34.7

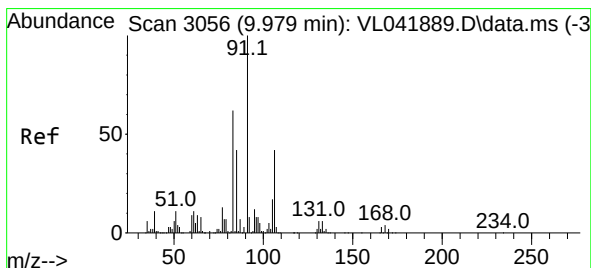
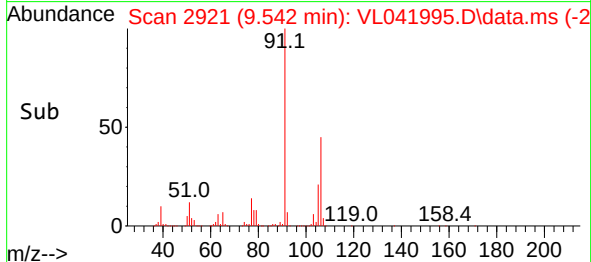
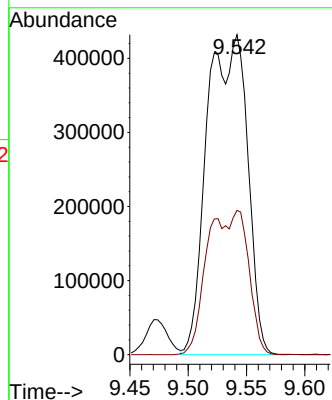
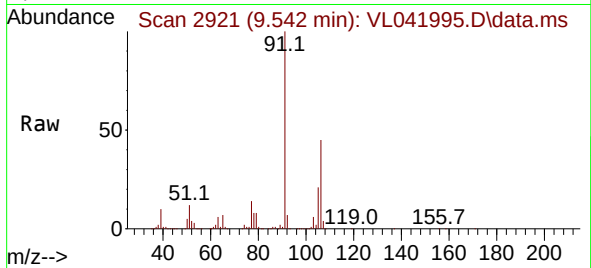




#59
m/p-Xylene
Concen: 20.261 ppbv m
RT: 9.542 min Scan# 29
Delta R.T. -0.023 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

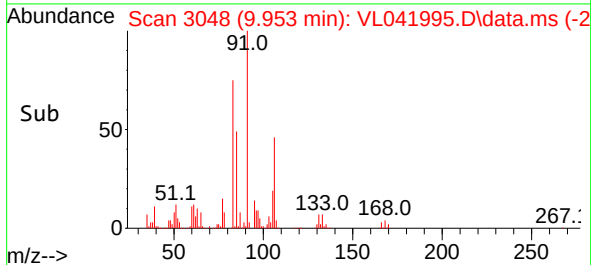
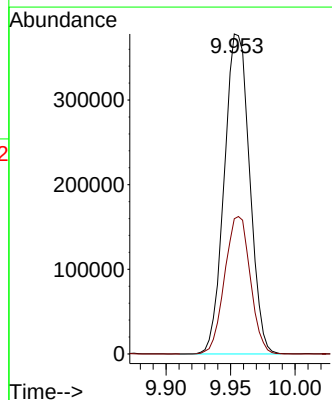
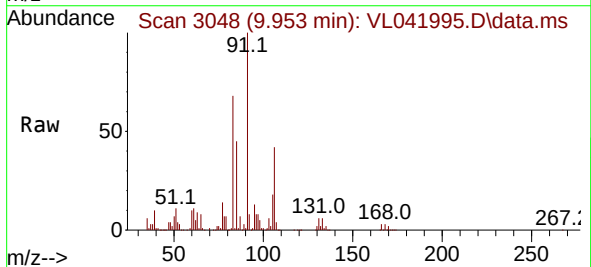
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

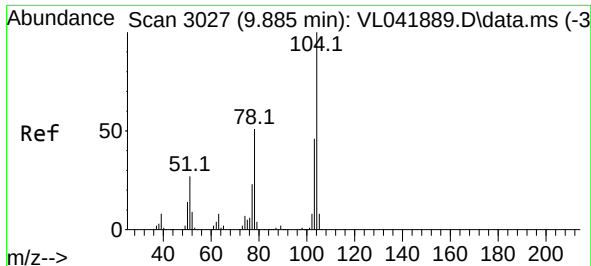
Tgt Ion: 91 Resp: 1039345
Ion Ratio Lower Upper
91 100
106 46.0 36.0 54.0



#60
o-Xylene
Concen: 10.144 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 91 Resp: 516475
Ion Ratio Lower Upper
91 100
106 43.4 21.3 63.9

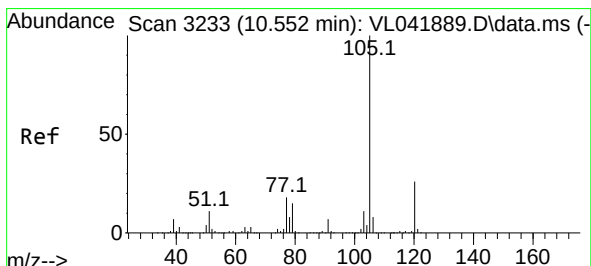
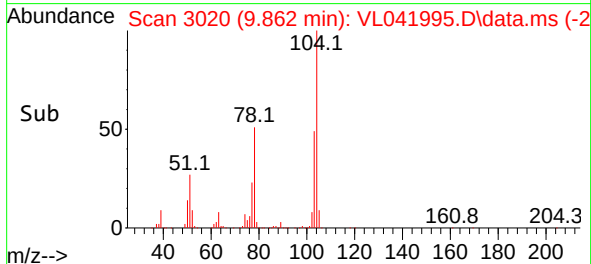
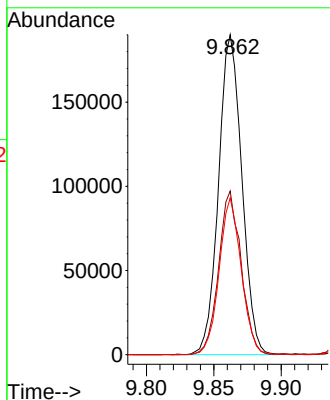
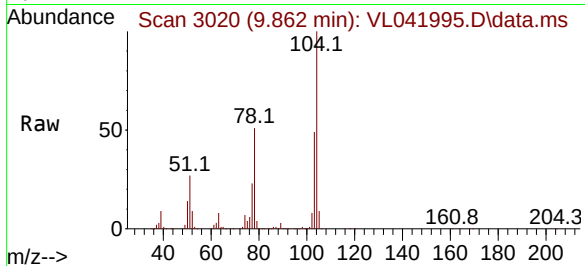




#61
Styrene
Concen: 10.018 ppbv
RT: 9.862 min Scan# 3027
Delta R.T. -0.023 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

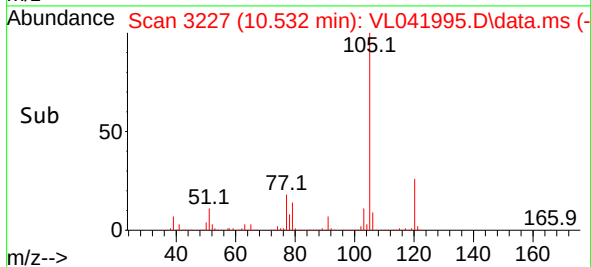
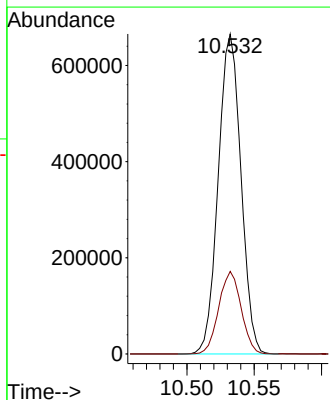
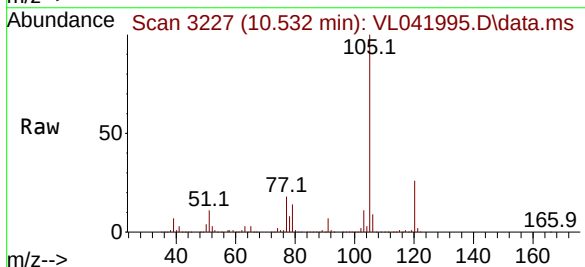
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

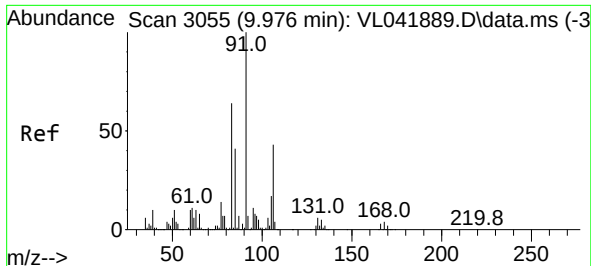
Tgt Ion:104 Resp: 228821
Ion Ratio Lower Upper
104 100
78 49.5 41.0 61.6
103 46.5 37.2 55.8



#62
Isopropylbenzene
Concen: 9.900 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.019 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion:105 Resp: 780031
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5

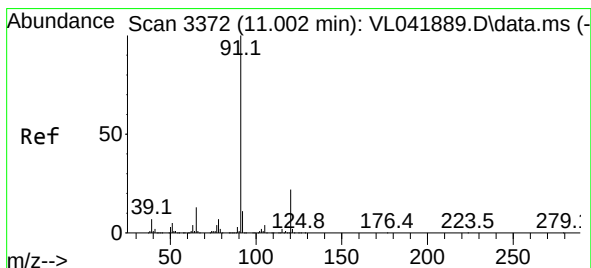
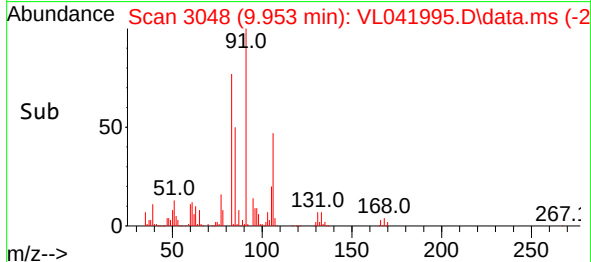
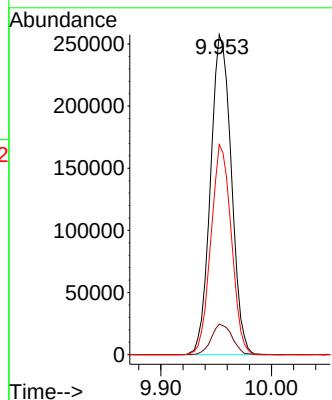
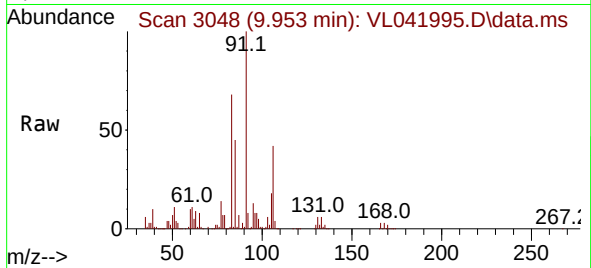




#63
1,1,2,2-Tetrachloroethane
Concen: 10.325 ppbv
RT: 9.953 min Scan# 3055
Delta R.T. -0.023 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

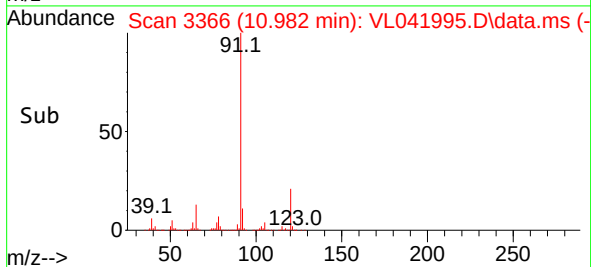
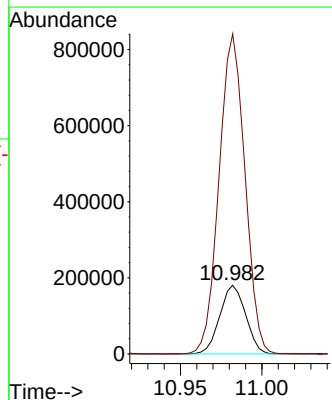
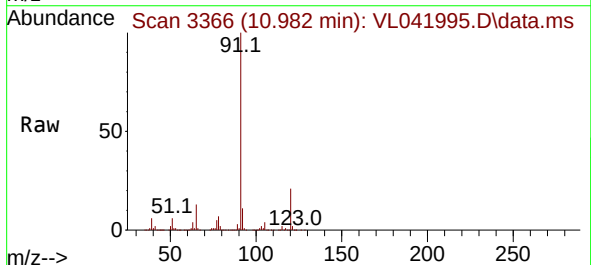
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

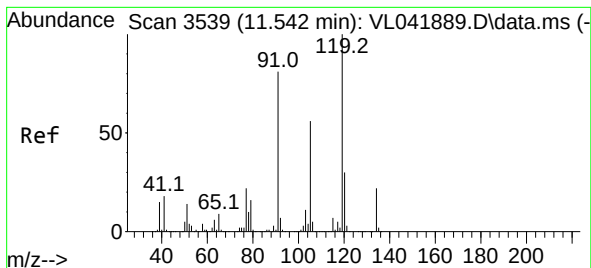
Tgt Ion: 83 Resp: 335938
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.5 32.4 97.2



#64
n-propylbenzene
Concen: 9.967 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. -0.019 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion:120 Resp: 198421
Ion Ratio Lower Upper
120 100
91 468.9 374.1 561.1

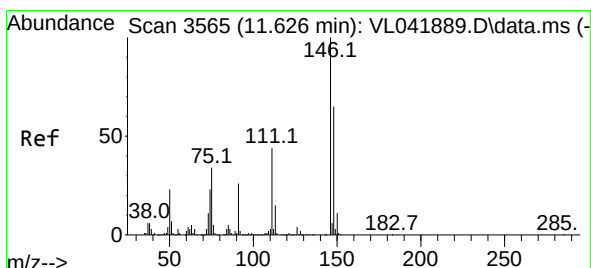
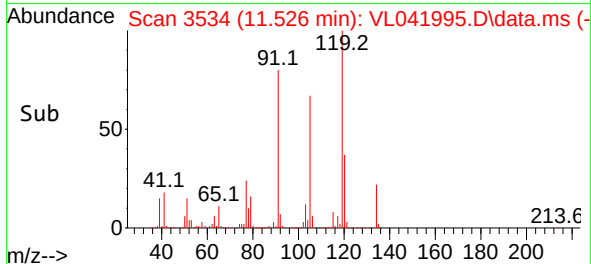
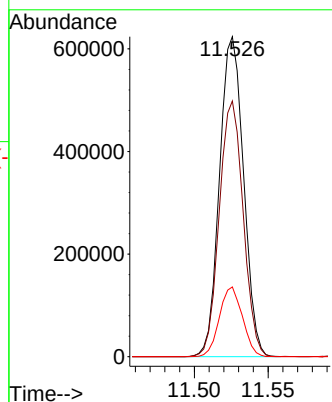
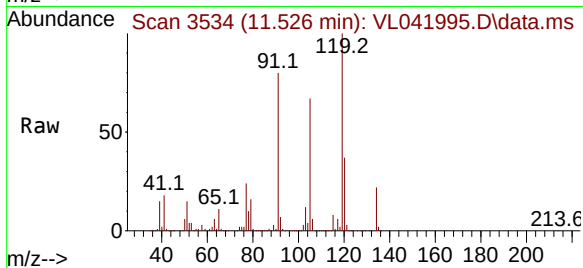




#65
tert-Butylbenzene
Concen: 9.838 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.016 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

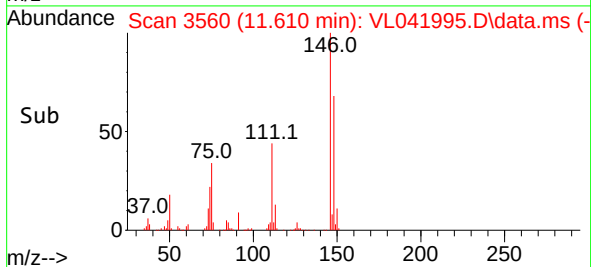
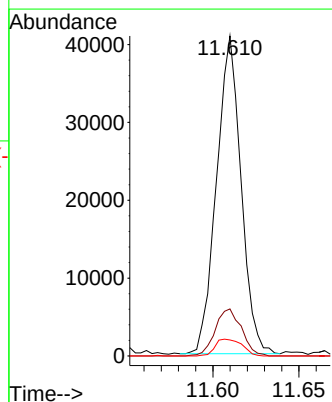
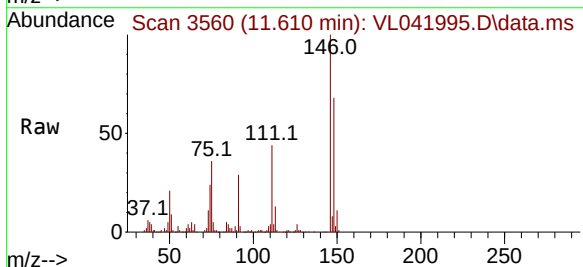
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

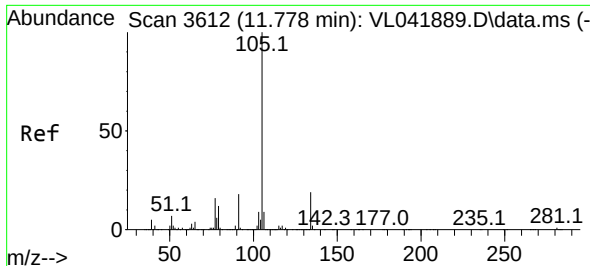
Tgt Ion:119 Resp: 706366
Ion Ratio Lower Upper
119 100
91 79.6 64.6 97.0
134 20.9 16.8 25.2



#66
Benzyl Chloride
Concen: 9.099 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.016 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion: 91 Resp: 40436
Ion Ratio Lower Upper
91 100
126 15.9 14.1 21.1
128 5.8 4.3 6.5

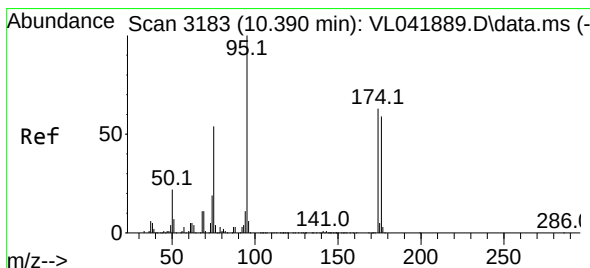
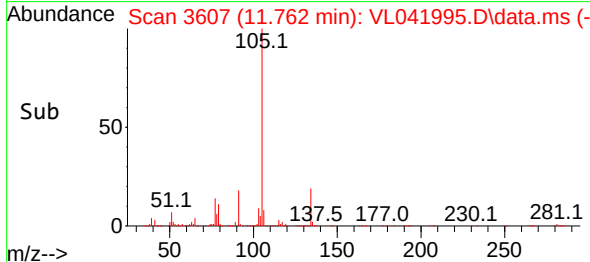
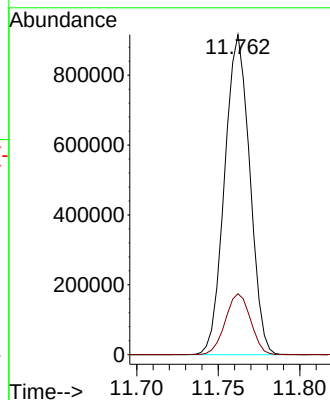
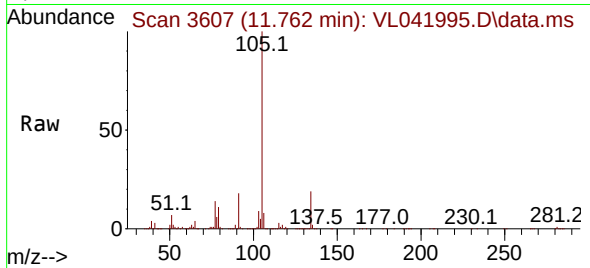




#67
 sec-Butylbenzene
 Concen: 9.922 ppbv
 RT: 11.762 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

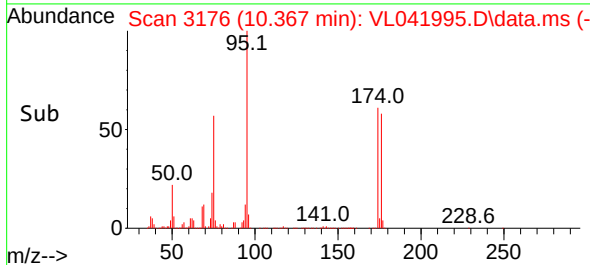
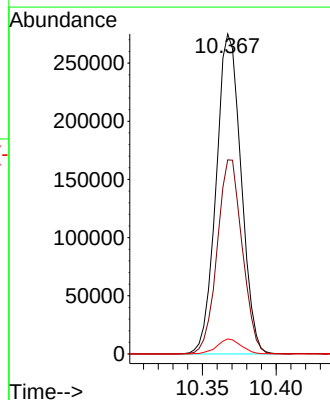
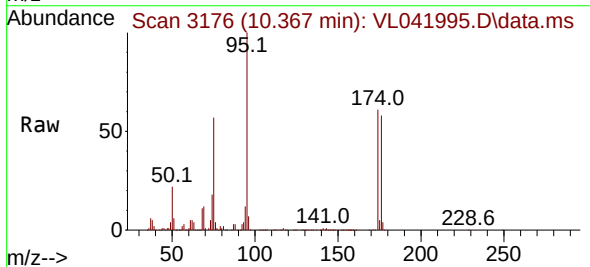
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

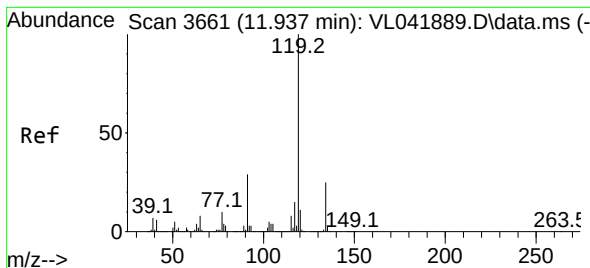
Tgt Ion:105 Resp: 980941
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.033 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. -0.023 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 95 Resp: 323600
 Ion Ratio Lower Upper
 95 100
 174 61.0 49.0 73.4
 175 4.6 3.8 5.8

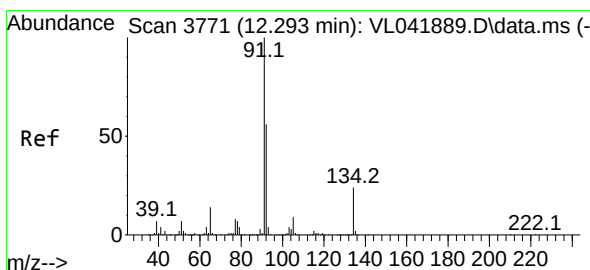
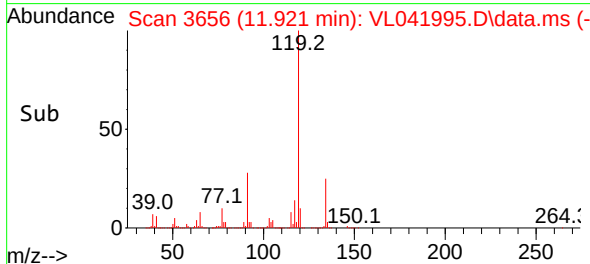
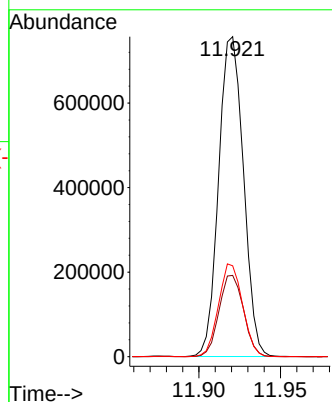
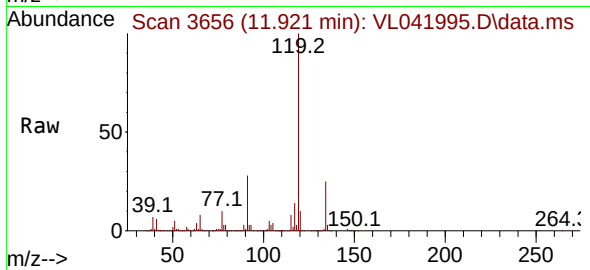




#69
 p-Isopropyltoluene
 Concen: 9.819 ppbv
 RT: 11.921 min Scan# 3766
 Delta R.T. -0.016 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

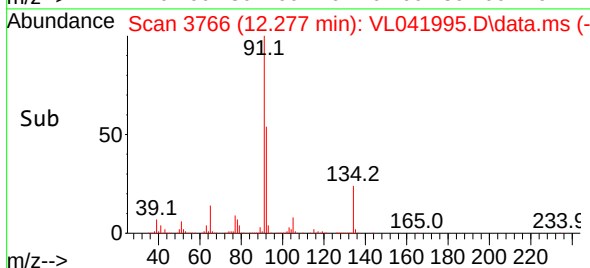
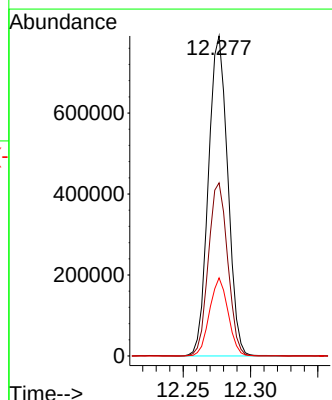
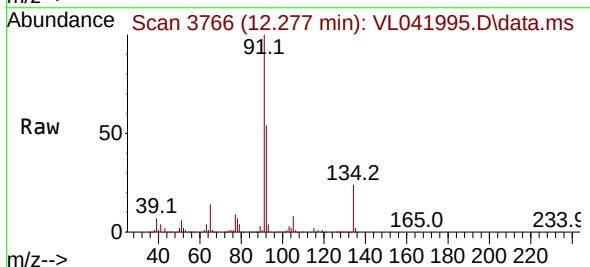
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

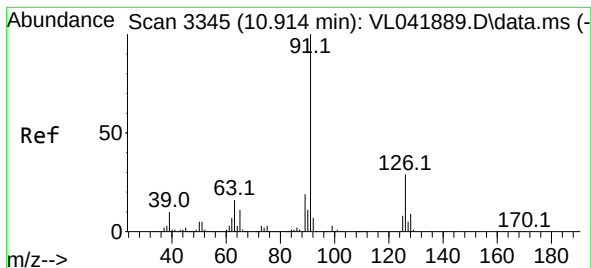
Tgt Ion:119 Resp: 799390
 Ion Ratio Lower Upper
 119 100
 134 25.2 19.8 29.6
 91 28.3 23.0 34.4



#70
 n-Butylbenzene
 Concen: 9.760 ppbv
 RT: 12.277 min Scan# 3766
 Delta R.T. -0.016 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion: 91 Resp: 788018
 Ion Ratio Lower Upper
 91 100
 92 54.1 43.8 65.6
 134 23.4 19.0 28.6





#71

2-Chlorotoluene

Concen: 9.685 ppbv

RT: 10.895 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

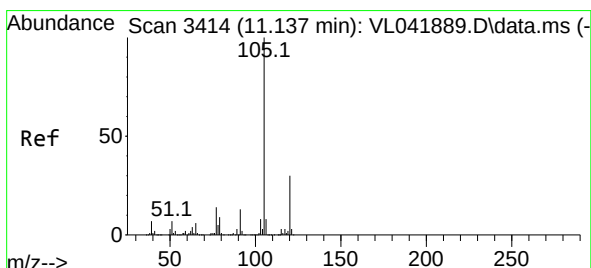
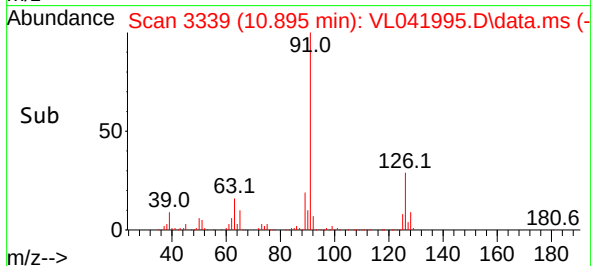
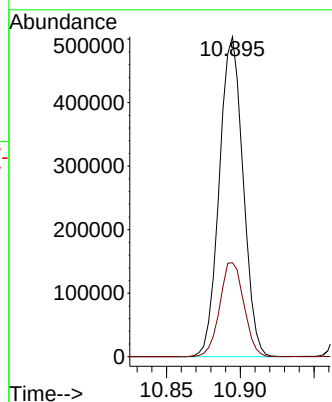
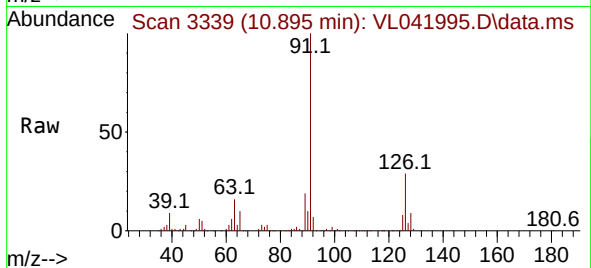
VSTDCCC010

Tgt Ion: 91 Resp: 564442

Ion Ratio Lower Upper

91 100

126 29.8 11.7 46.7



#72

4-Ethyltoluene

Concen: 10.067 ppbv

RT: 11.118 min Scan# 3408

Delta R.T. -0.019 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Tgt Ion:105 Resp: 613118

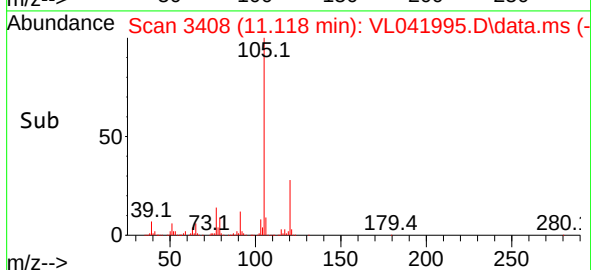
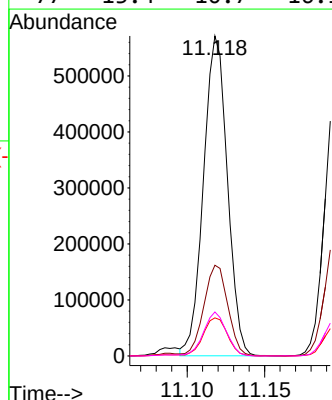
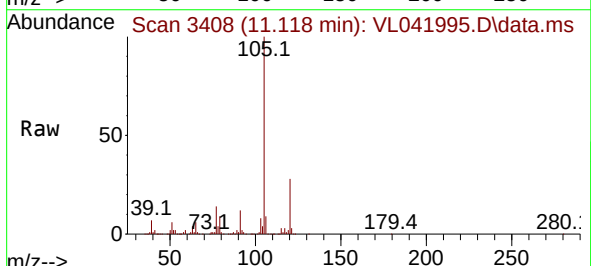
Ion Ratio Lower Upper

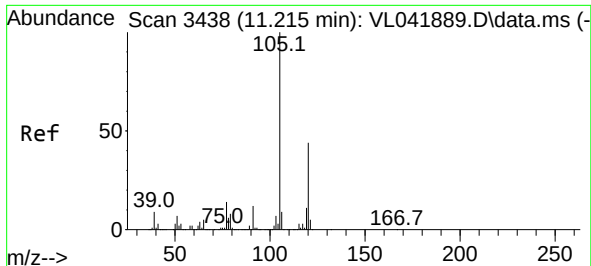
105 100

120 29.2 23.7 35.5

91 12.7 10.2 15.2

77 13.4 10.7 16.1

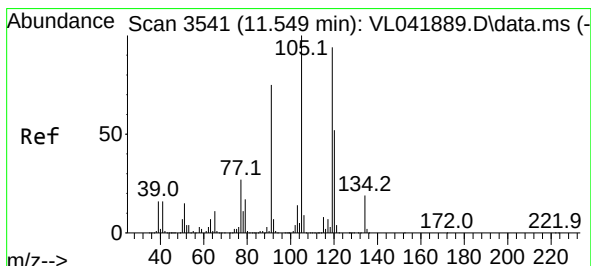
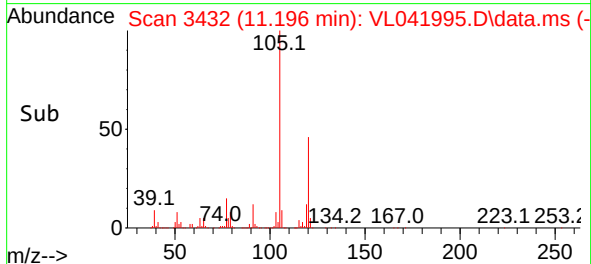
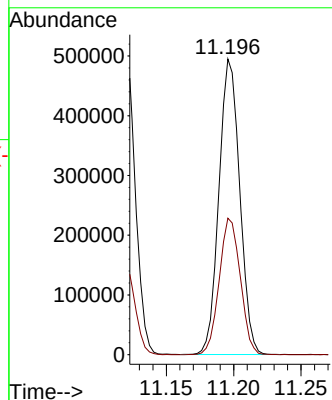
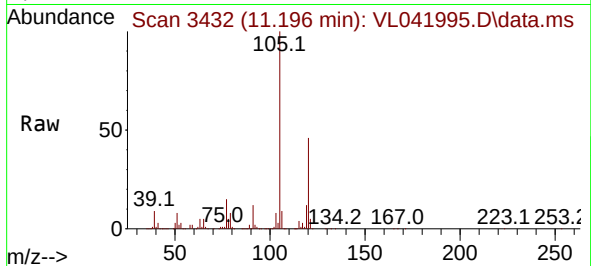




#73
 1,3,5-Trimethylbenzene
 Concen: 9.877 ppbv
 RT: 11.196 min Scan# 3438
 Delta R.T. -0.019 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

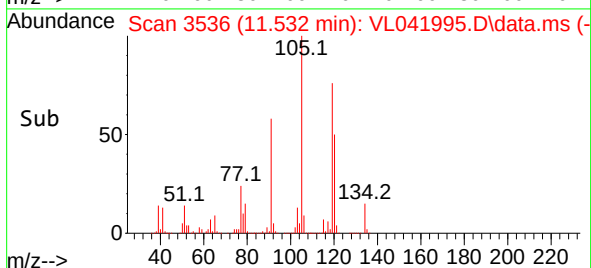
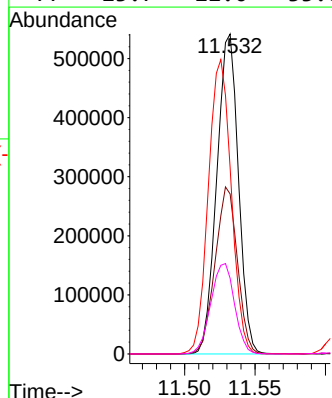
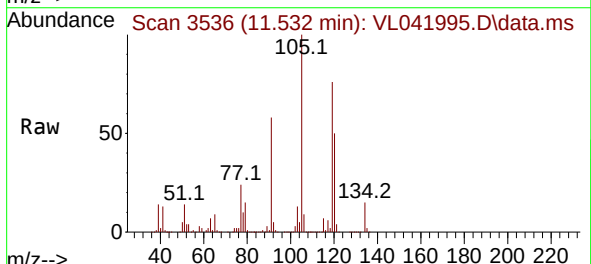
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

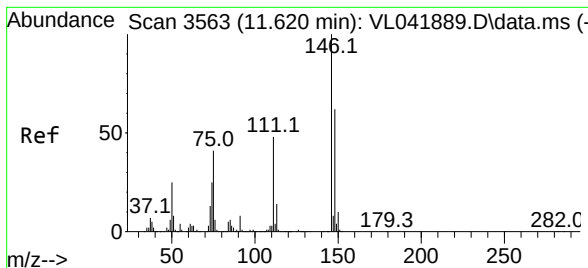
Tgt Ion:105 Resp: 531202
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.4 53.2



#74
 1,2,4-Trimethylbenzene
 Concen: 9.933 ppbv
 RT: 11.532 min Scan# 3536
 Delta R.T. -0.016 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Tgt Ion:105 Resp: 578544
 Ion Ratio Lower Upper
 105 100
 120 50.0 41.4 62.2
 91 58.1 60.2 90.2#
 77 23.7 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 9.624 ppbv

RT: 11.600 min Scan# 3557

Delta R.T. -0.019 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

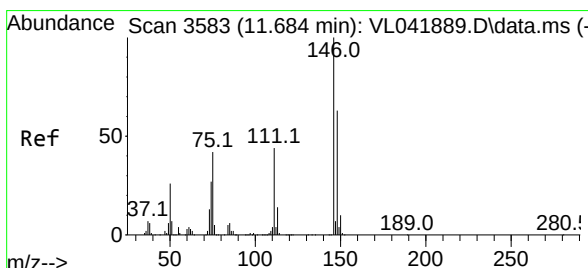
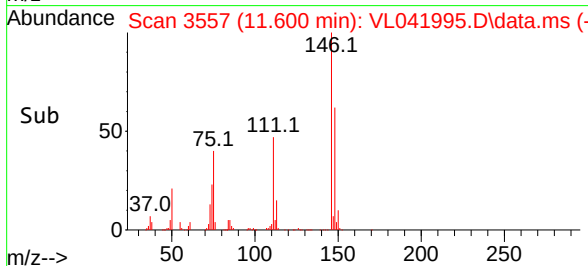
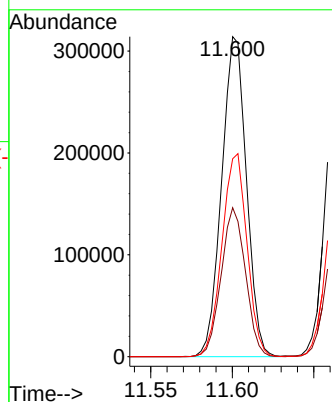
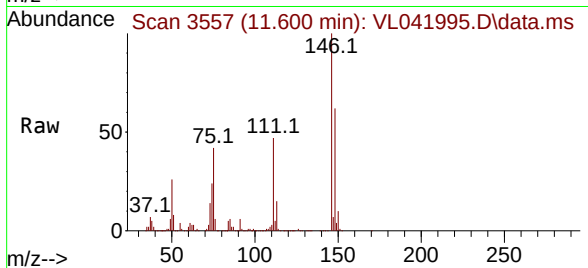
Tgt Ion:146 Resp: 332173

Ion Ratio Lower Upper

146 100

111 45.8 23.6 70.8

148 64.1 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 9.726 ppbv

RT: 11.665 min Scan# 3577

Delta R.T. -0.019 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

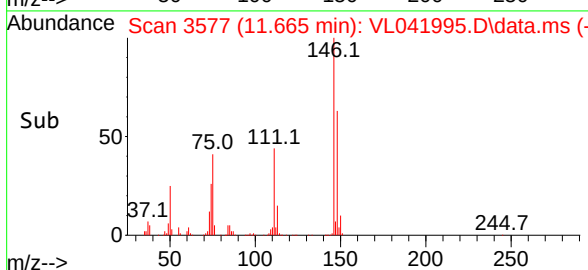
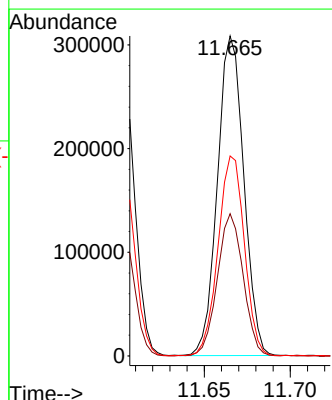
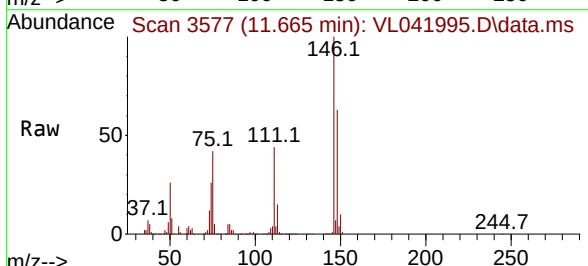
Tgt Ion:146 Resp: 328424

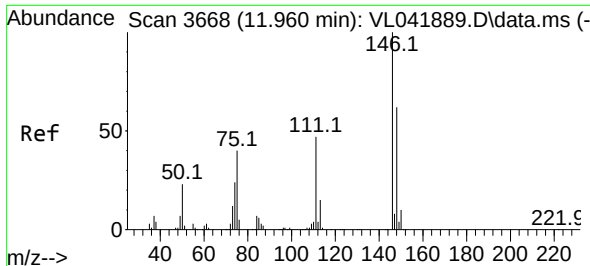
Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

148 62.8 31.9 95.5

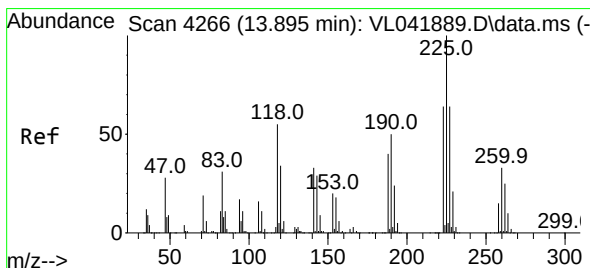
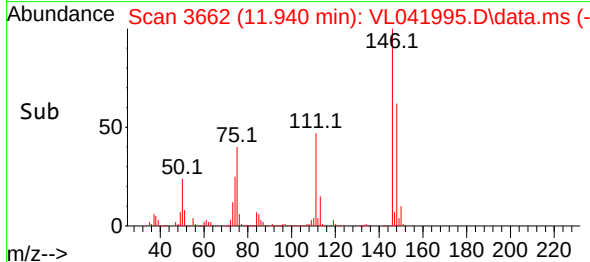
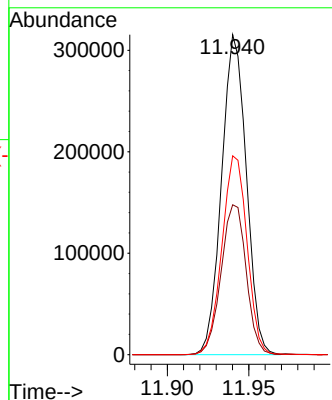
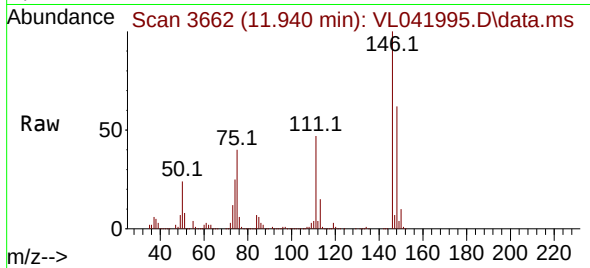




#77
1,2-Dichlorobenzene
Concen: 9.722 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.019 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

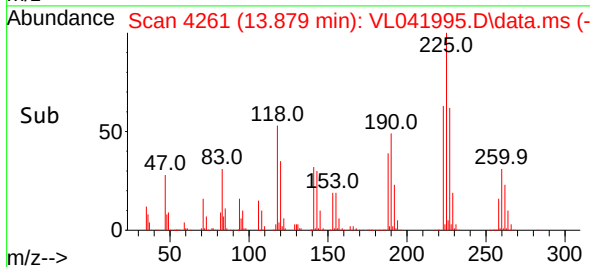
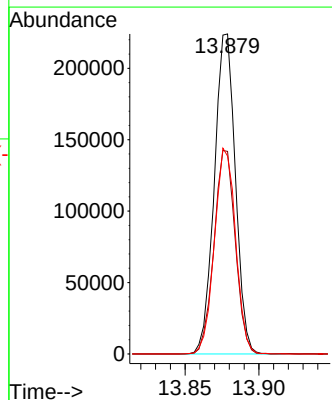
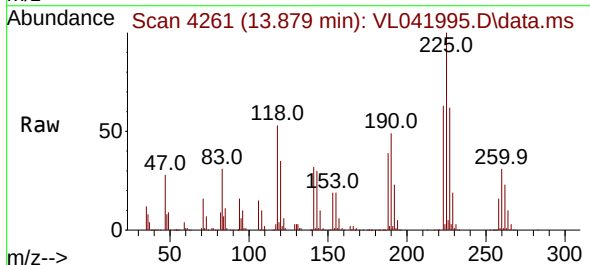
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

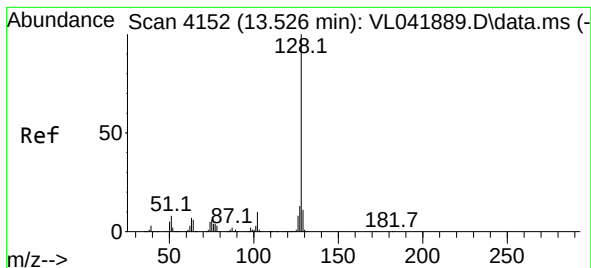
Tgt Ion:146 Resp: 332574
Ion Ratio Lower Upper
146 100
111 47.7 24.2 72.6
148 63.1 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 7.944 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.016 min
Lab File: VL041995.D
Acq: 11 Feb 2025 09:21

Tgt Ion:225 Resp: 223042
Ion Ratio Lower Upper
225 100
223 64.2 50.8 76.2
227 64.6 50.3 75.5





#79

Naphthalene

Concen: 8.596 ppbv

RT: 13.510 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

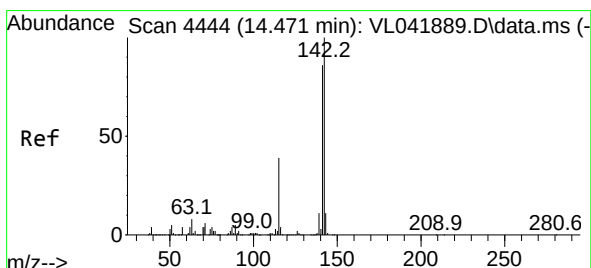
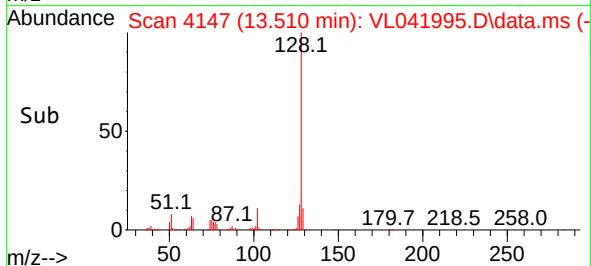
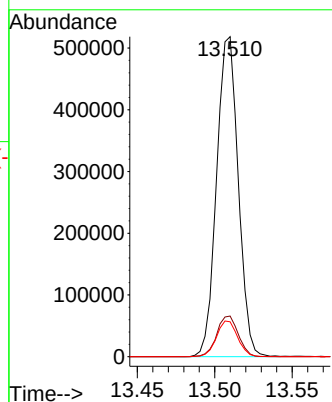
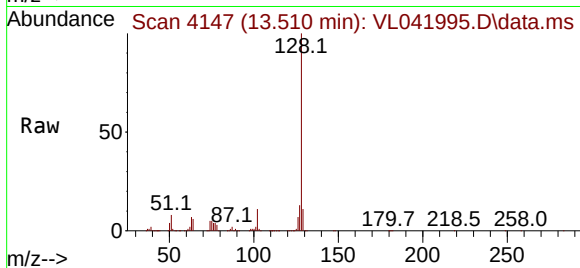
Tgt Ion:128 Resp: 504119

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 5.206 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.016 min

Lab File: VL041995.D

Acq: 11 Feb 2025 09:21

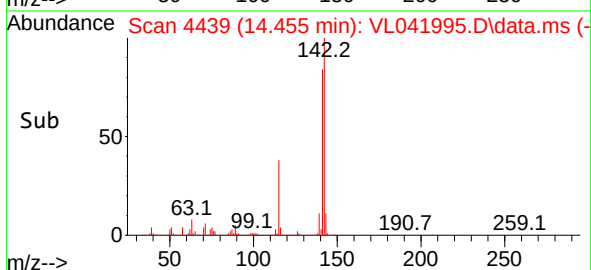
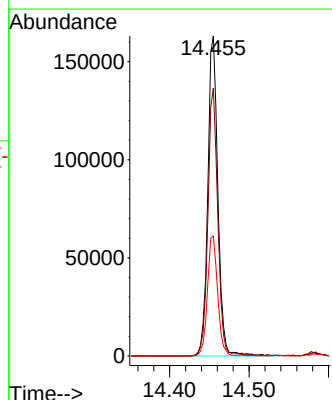
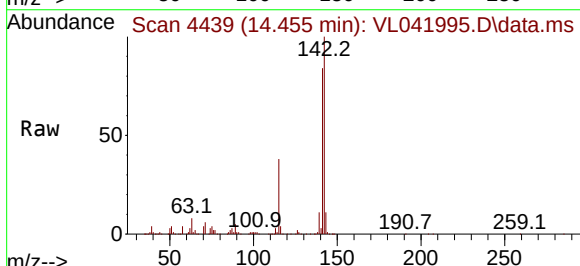
Tgt Ion:142 Resp: 144752

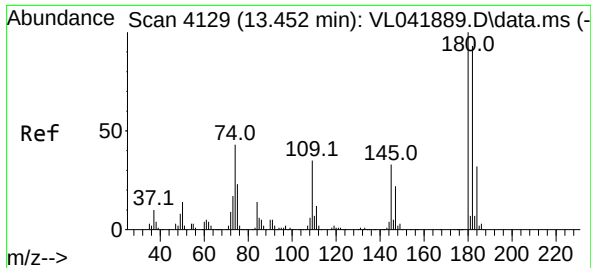
Ion Ratio Lower Upper

142 100

141 82.4 68.1 102.1

115 38.2 31.7 47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 7.875 ppbv
 RT: 13.435 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL041995.D
 Acq: 11 Feb 2025 09:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 225437
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.0 115.6
 184 29.3 24.9 37.3

