

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041749.D
 Acq On : 12 Dec 2024 13:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 14:24:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.771	49	234463	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.936	114	1089055	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.862	117	952232	10.000	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	650861	10.397	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	397916	9.669	ppbv	100
3) Chlorodifluoromethane	1.470	51	296357	9.285	ppbv	100
4) Chloromethane	1.525	50	102722	9.406	ppbv	98
5) Vinyl Chloride	1.573	62	122811	9.181	ppbv	98
6) Bromomethane	1.661	94	71534	8.154	ppbv	98
7) Chloroethane	1.696	64	55217	9.489	ppbv	98
8) Dichlorotetrafluoroethane	1.547	85	317365	9.458	ppbv	99
9) Propene	1.476	41	124604	9.155	ppbv	98
10) Heptane	4.952	43	364336	9.683	ppbv	100
11) Trichlorofluoromethane	1.868	101	471051	9.940	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.127	101	421579	9.881	ppbv	99
13) Ethanol	1.712	45	3358	2.983	ppbv	94
14) Bromoethene	1.774	108	148903	9.522	ppbv	98
15) Acetone	1.826	43	215597	7.964	ppbv	99
16) 1,3-Butadiene	1.602	39	85830	9.452	ppbv	100
17) tert-Butyl alcohol	2.030	59	370657	9.445	ppbv	100
18) 1,1-Dichloroethene	2.023	96	188244	9.710	ppbv	98
19) Isopropyl Alcohol	1.874	45	134190	5.219	ppbv	91
20) Methylene Chloride	2.052	84	147951	9.023	ppbv	98
21) Allyl Chloride	2.085	41	144455	9.477	ppbv	99
22) trans-1,2-Dichloroethene	2.327	96	219136	9.736	ppbv	98
23) Vinyl Acetate	2.447	43	195956	11.954	ppbv	98
24) 1,1-Dichloroethane	2.395	63	305955	10.037	ppbv	99
25) Ethyl Acetate	4.952	43	364336	9.683	ppbv #	99
26) Hexane	2.810	57	361084	9.896	ppbv	98
27) Carbon Disulfide	2.140	76	319771	8.512	ppbv	96
28) Methyl tert-Butyl Ether	2.428	73	258801	9.449	ppbv	99
29) Chloroform	2.832	83	543858	9.736	ppbv	99
30) Cyclohexane	3.836	84	386524	9.432	ppbv	97
31) cis-1,2-Dichloroethene	2.706	61	328306	9.713	ppbv	98
32) 1,1,1-Trichloroethane	3.350	97	519404	9.455	ppbv	98
34) 2-Butanone	2.544	43	390220	10.233	ppbv	99
35) Carbon Tetrachloride	3.742	117	529532	10.440	ppbv	99
36) Benzene	3.635	78	860828	10.053	ppbv	100
37) 1,2-Dichloroethane	3.201	62	325781	10.532	ppbv	99
38) Trichloroethene	4.522	130	606441	13.657	ppbv	98
39) 1,2-Dichloropropane	4.289	63	281338	10.311	ppbv	98
40) 1,4-Dioxane	4.557	88	163416	9.926	ppbv #	94
41) Tetrahydrofuran	3.039	42	242999	10.575	ppbv	98
42) Bromodichloromethane	4.463	83	518242	10.377	ppbv	97
43) Methyl Methacrylate	4.852	69	312014	10.116	ppbv	98
44) 2,2,4-Trimethylpentane	4.616	57	1224011	10.269	ppbv	99
45) t-1,3-Dichloropropene	6.386	75	238139	7.914	ppbv	99

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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

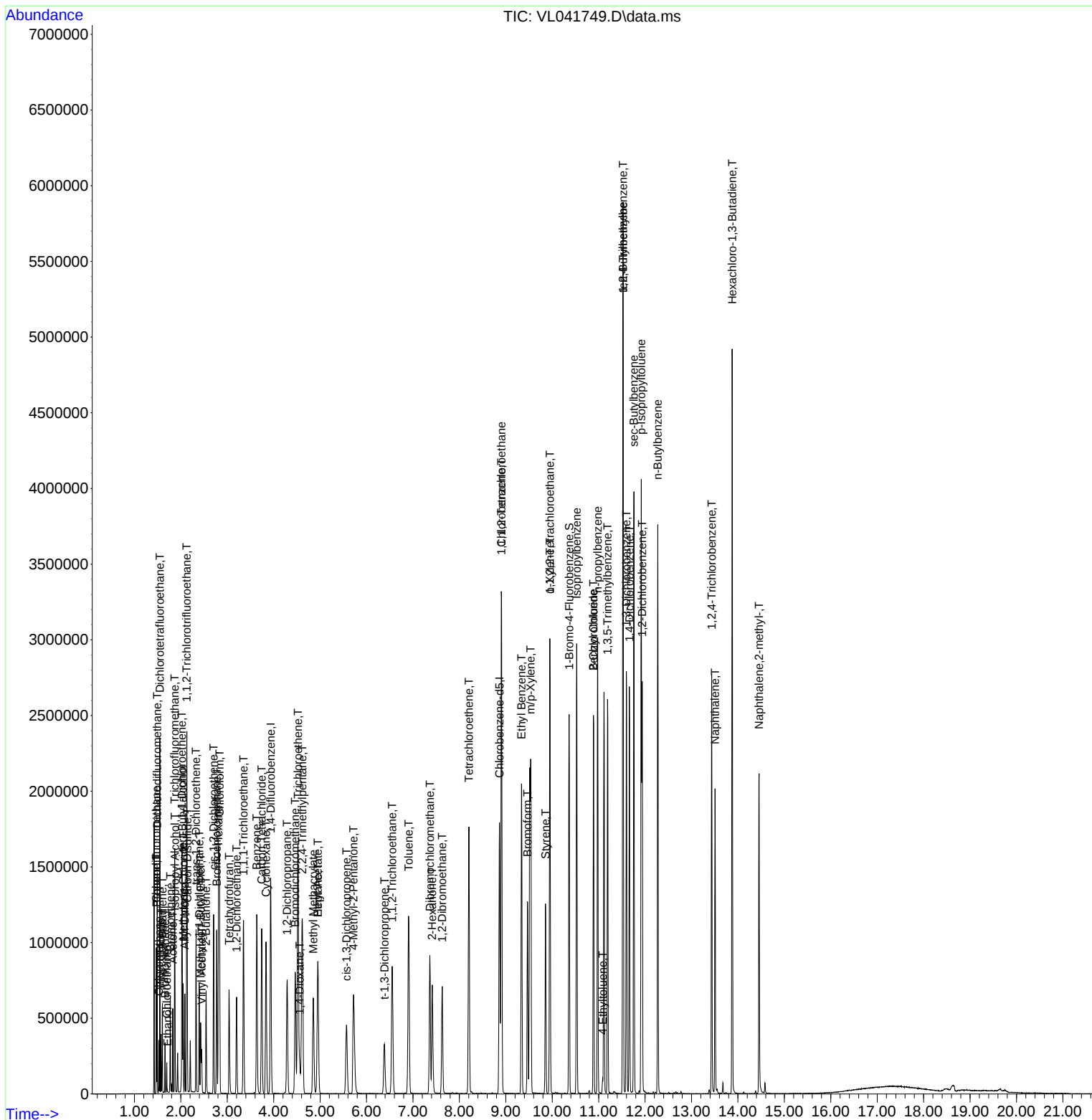
Instrument :
 MSVOA_L
 ClientSampleId :

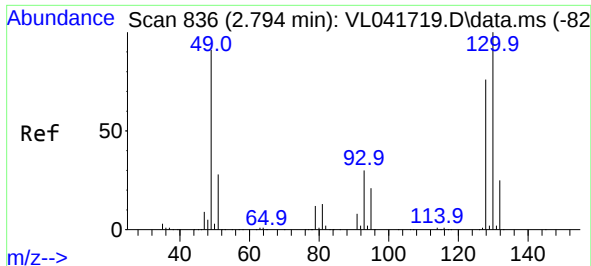
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.570	75	347639	8.703	ppbv	98
47) 1,1,2-Trichloroethane	6.551	97	354763	9.765	ppbv	100
48) Dibromochloromethane	7.363	129	503608	9.620	ppbv	99
49) Bromoform	9.467	173	477830	9.540	ppbv	100
50) 4-Methyl-2-Pentanone	5.719	43	567286	10.373	ppbv	98
51) 2-Hexanone	7.415	43	448633	9.973	ppbv #	98
52) Tetrachloroethene	8.205	164	410803	9.055	ppbv	98
53) Toluene	6.907	91	1021981	9.712	ppbv	99
54) 1,2-Dibromoethane	7.629	107	475682	9.578	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.907	131	439912	9.937	ppbv	100
57) Chlorobenzene	8.904	112	850415	9.814	ppbv	98
58) Ethyl Benzene	9.338	91	1270772	9.972	ppbv	99
59) m/p-Xylene	9.535	91	952002	9.748	ppbv #	21
60) o-Xylene	9.950	91	1005993	10.391	ppbv	98
61) Styrene	9.856	104	536392	10.037	ppbv	99
62) Isopropylbenzene	10.526	105	1569057	9.824	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.950	83	366254	5.847	ppbv	99
64) n-propylbenzene	10.979	120	455568	9.688	ppbv	91
65) tert-Butylbenzene	11.523	119	1469192	9.704	ppbv	98
66) Benzyl Chloride	10.888	91	1062373	9.785	ppbv	97
67) sec-Butylbenzene	11.759	105	1900603	9.698	ppbv	97
69) p-Isopropyltoluene	11.917	119	1641222	9.709	ppbv	98
70) n-Butylbenzene	12.273	91	1412077	10.066	ppbv	98
71) 2-Chlorotoluene	10.888	91	1062373	9.785	ppbv	97
72) 4-Ethyltoluene	11.086	105	33080	0.265	ppbv #	52
73) 1,3,5-Trimethylbenzene	11.192	105	1034968	10.233	ppbv	100
74) 1,2,4-Trimethylbenzene	11.526	105	1146729	10.430	ppbv #	91
75) 1,3-Dichlorobenzene	11.597	146	817637	9.306	ppbv	99
76) 1,4-Dichlorobenzene	11.662	146	808663	9.318	ppbv	99
77) 1,2-Dichlorobenzene	11.937	146	785578	9.442	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	643798	9.414	ppbv	100
79) Naphthalene	13.507	128	1056586	11.227	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	733691	21.548	ppbv	99
81) 1,2,4-Trichlorobenzene	13.435	180	623282	10.519	ppbv	100

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

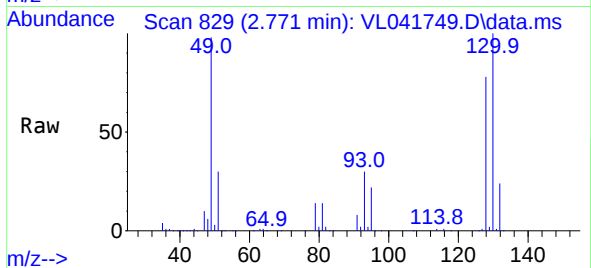
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QLast Update : Thu Dec 12 13:35:39 2024
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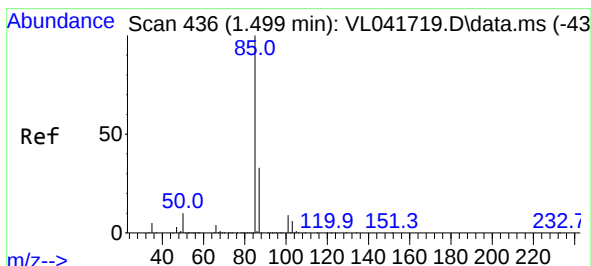
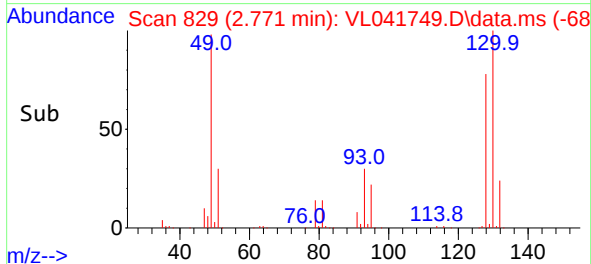
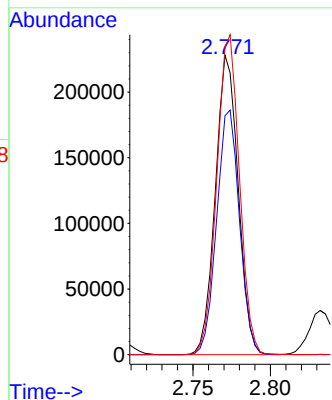


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.771 min Scan# 81
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

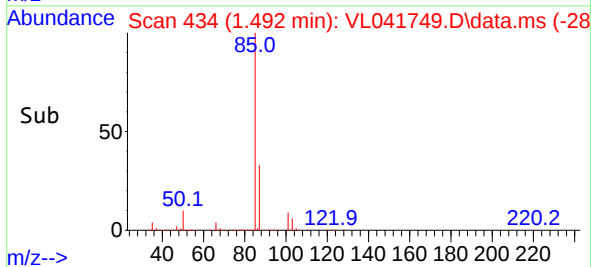
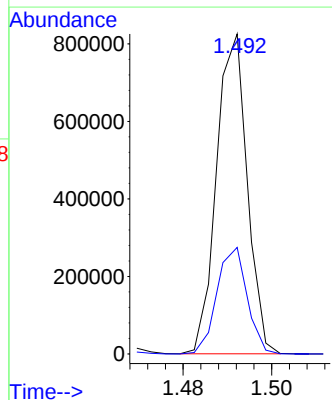
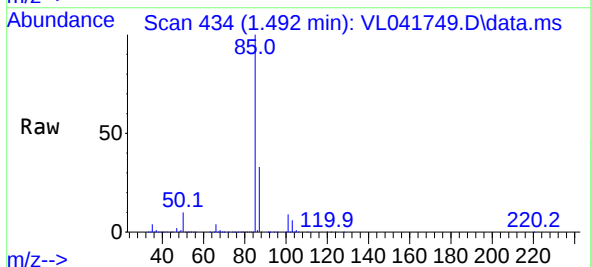


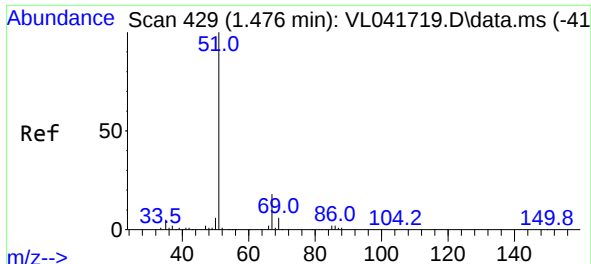
Tgt Ion: 49 Resp: 234463
Ion Ratio Lower Upper
49 100
128 81.6 42.8 128.3
130 105.8 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 9.669 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.007 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 85 Resp: 397916
Ion Ratio Lower Upper
85 100
87 33.3 26.6 39.8

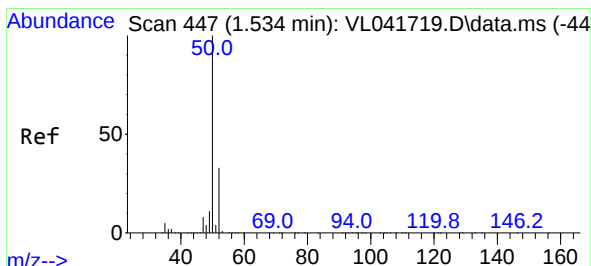
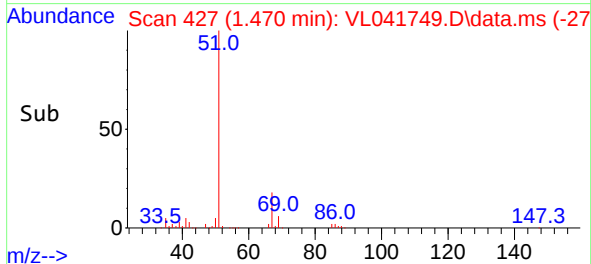
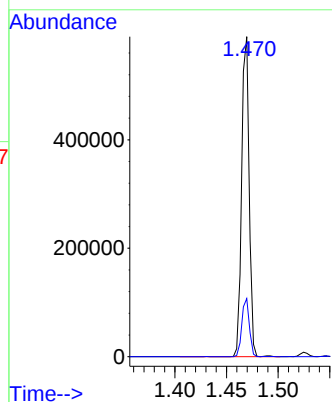
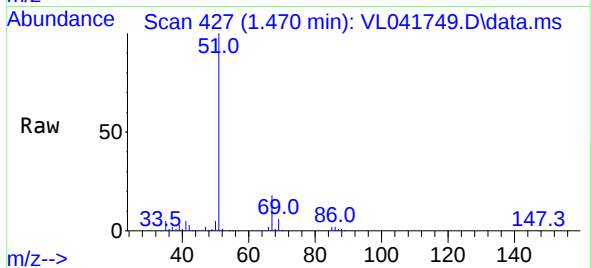




#3
Chlorodifluoromethane
Concen: 9.285 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

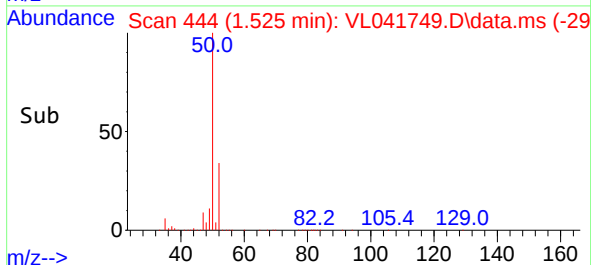
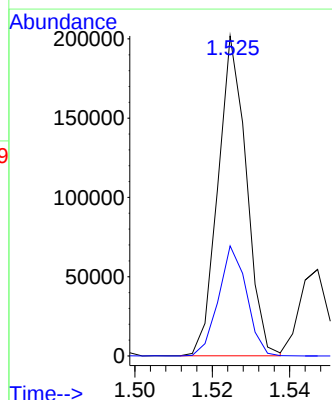
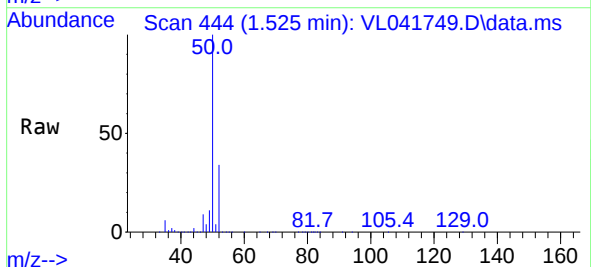
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ClientSampleId :

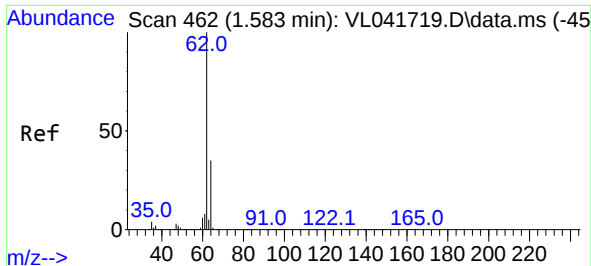
Tgt Ion: 51 Resp: 296357
Ion Ratio Lower Upper
51 100
67 18.3 14.6 21.8



#4
Chloromethane
Concen: 9.406 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 50 Resp: 102722
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0

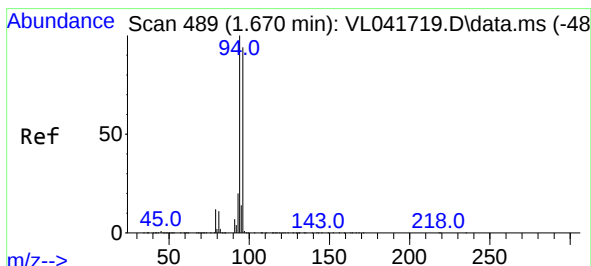
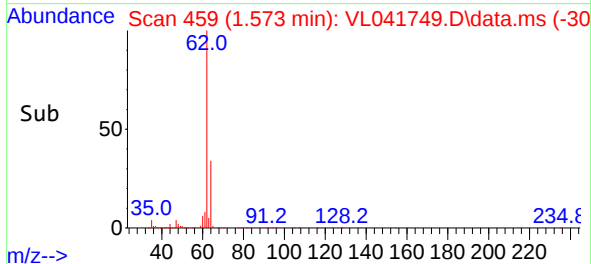
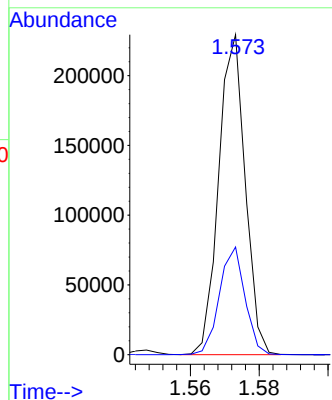
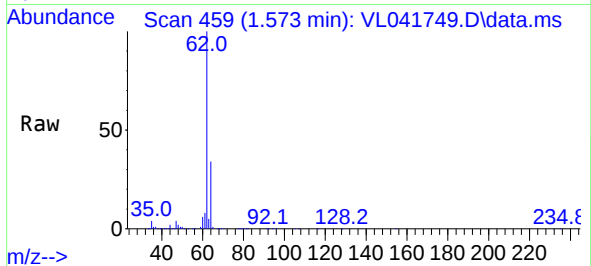




#5
Vinyl Chloride
Concen: 9.181 ppbv
RT: 1.573 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

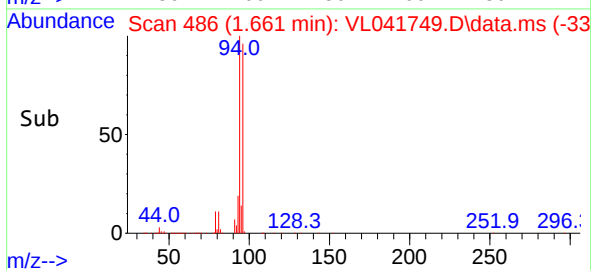
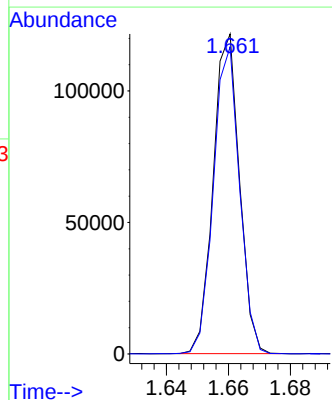
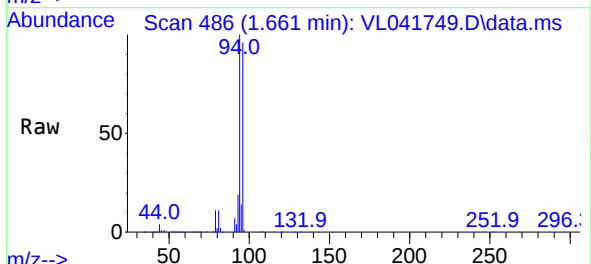
Instrument :
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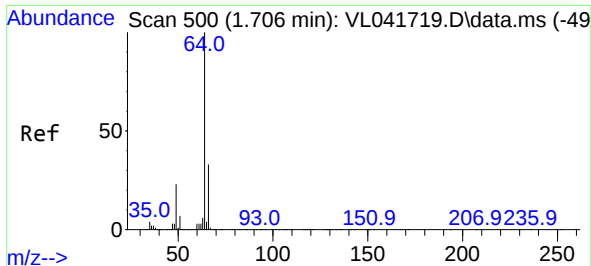
Tgt Ion: 62 Resp: 122811
Ion Ratio Lower Upper
62 100
64 33.6 27.6 41.4



#6
Bromomethane
Concen: 8.154 ppbv
RT: 1.661 min Scan# 486
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 94 Resp: 71534
Ion Ratio Lower Upper
94 100
96 96.0 75.4 113.0

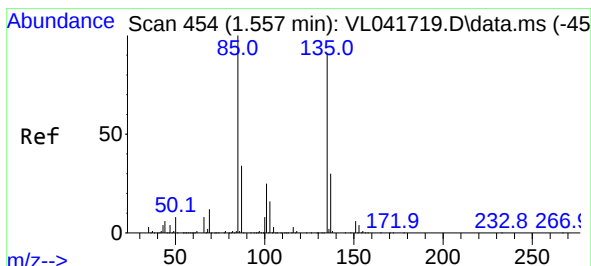
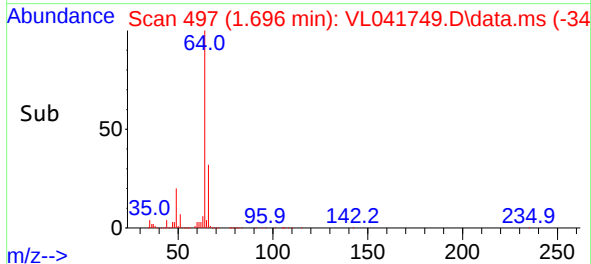
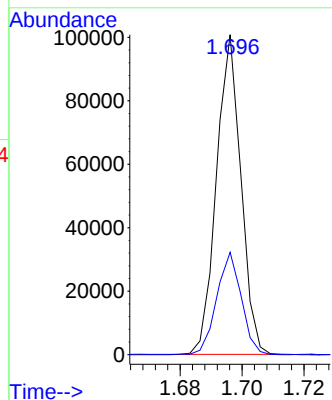
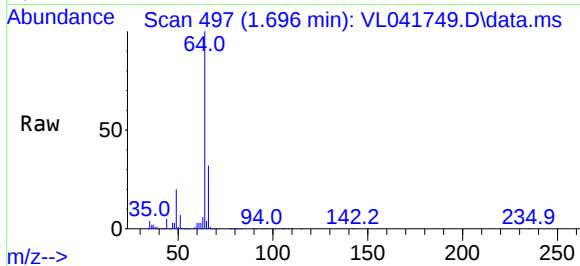




#7
Chloroethane
Concen: 9.489 ppbv
RT: 1.696 min Scan# 497
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

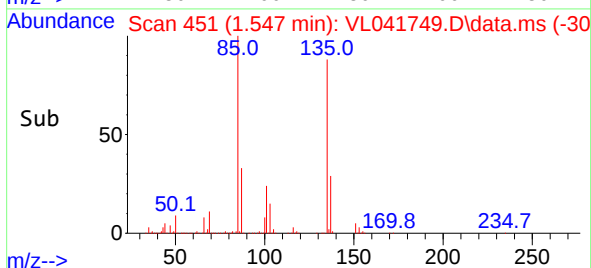
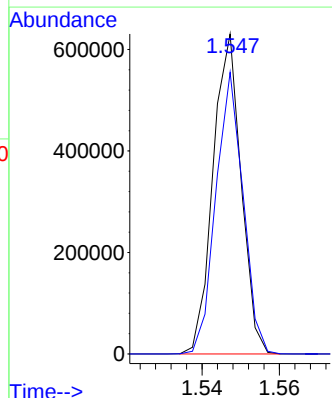
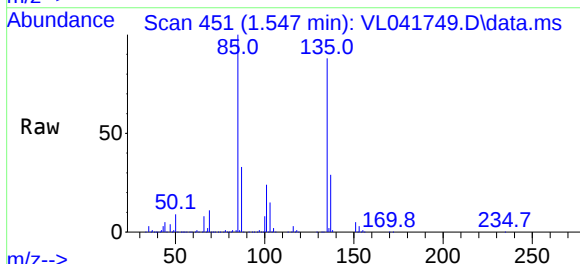
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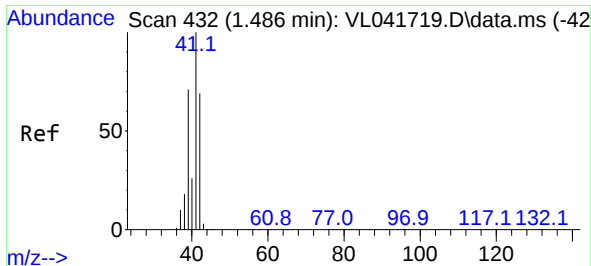
Tgt Ion: 64 Resp: 55217
Ion Ratio Lower Upper
64 100
66 32.0 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 9.458 ppbv
RT: 1.547 min Scan# 451
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 85 Resp: 317365
Ion Ratio Lower Upper
85 100
135 85.3 69.0 103.6

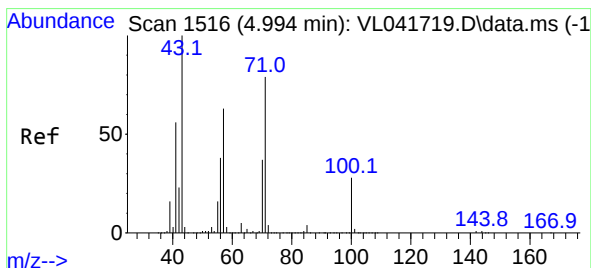
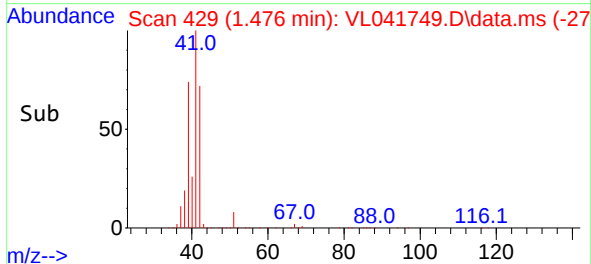
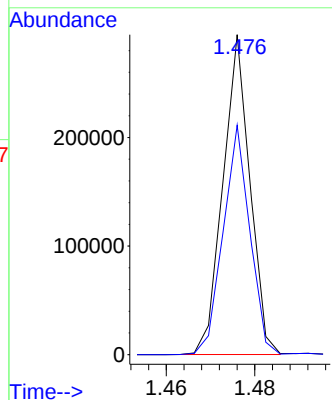
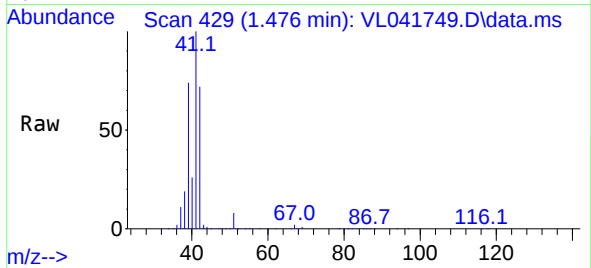




#9
Propene
Concen: 9.155 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

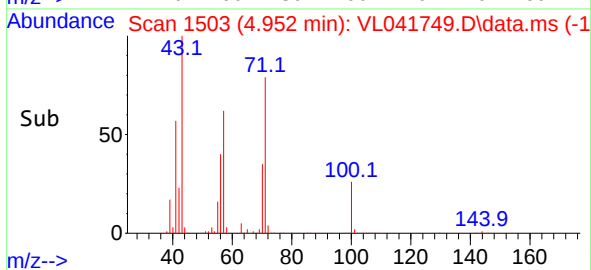
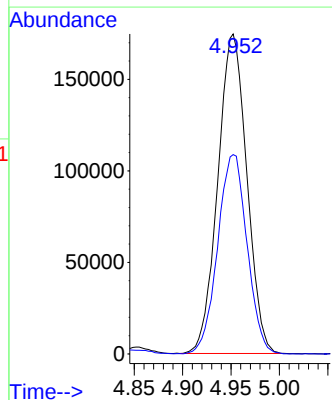
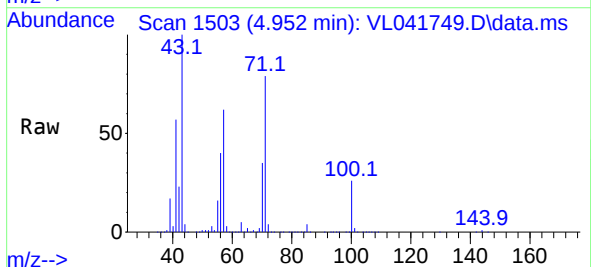
Instrument :
MSVOA_L
ClientSampleId :

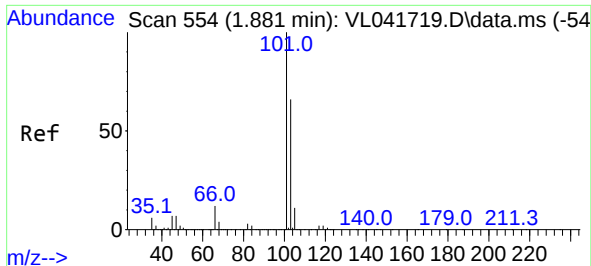
Tgt Ion: 41 Resp: 124604
Ion Ratio Lower Upper
41 100
42 71.6 56.2 84.4



#10
Heptane
Concen: 9.683 ppbv
RT: 4.952 min Scan# 1503
Delta R.T. -0.042 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 43 Resp: 364336
Ion Ratio Lower Upper
43 100
57 63.2 50.5 75.7

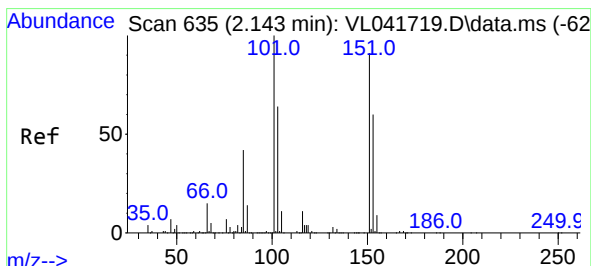
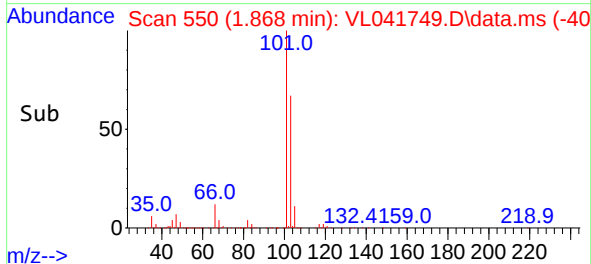
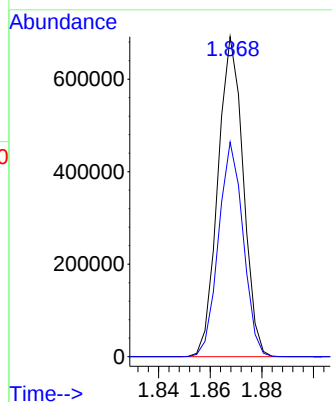
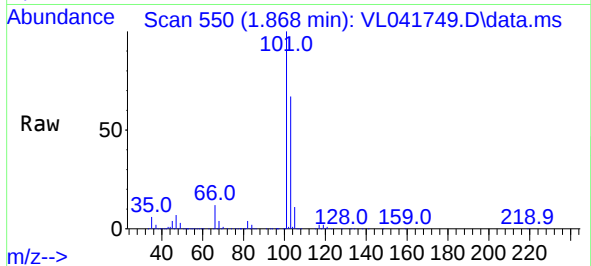




#11
 Trichlorofluoromethane
 Concen: 9.940 ppbv
 RT: 1.868 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

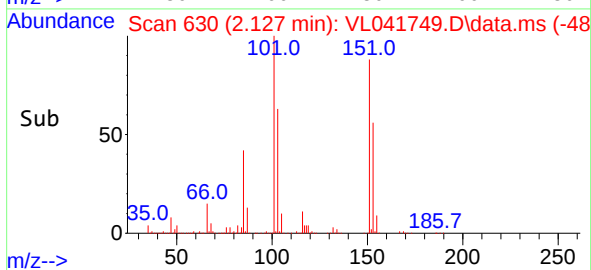
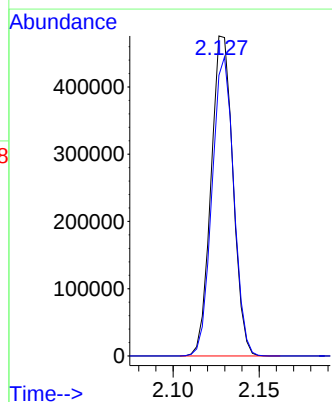
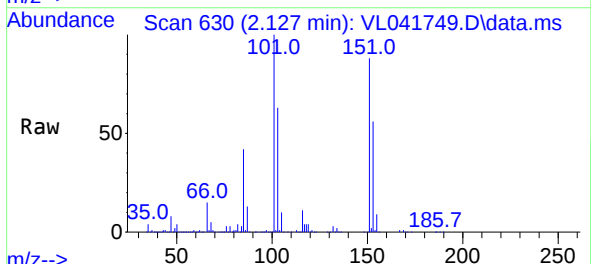
Instrument :
 MSVOA_L
 ClientSampleId :

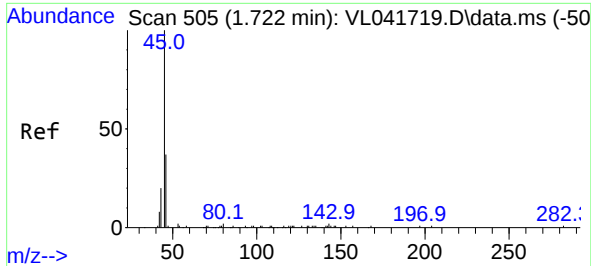
Tgt Ion:101 Resp: 471051
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.881 ppbv
 RT: 2.127 min Scan# 630
 Delta R.T. -0.016 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

Tgt Ion:101 Resp: 421579
 Ion Ratio Lower Upper
 101 100
 151 92.4 74.4 111.6

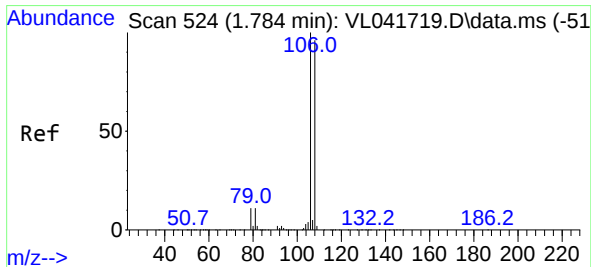
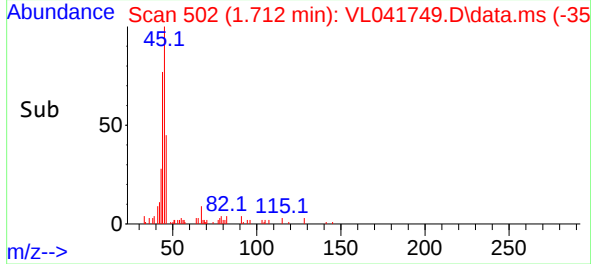
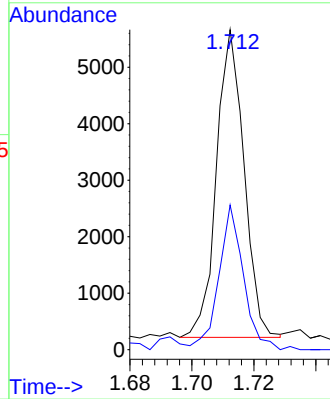
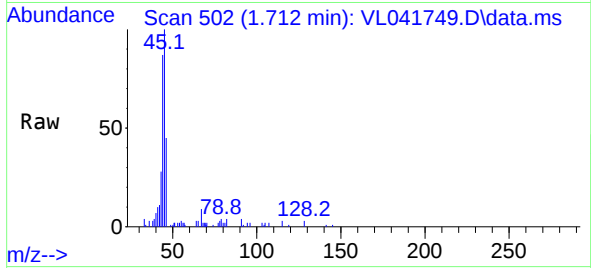




#13
Ethanol
Concen: 2.983 ppbv
RT: 1.712 min Scan# 505
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

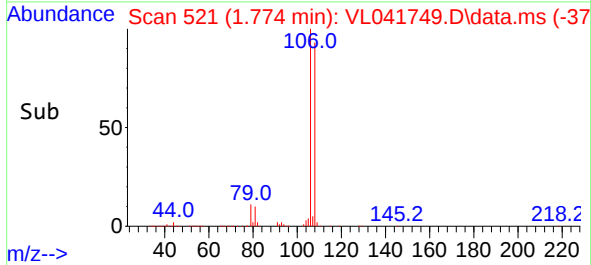
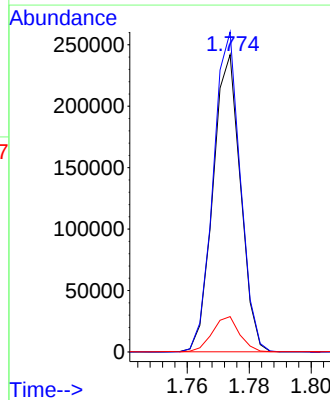
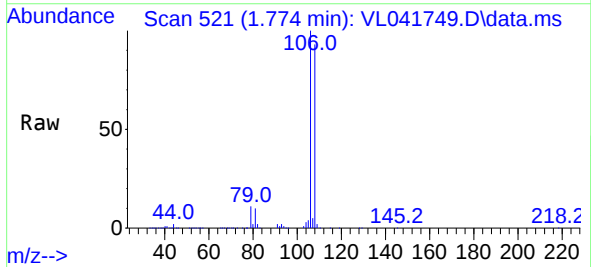
Instrument :
MSVOA_L
ClientSampleId :

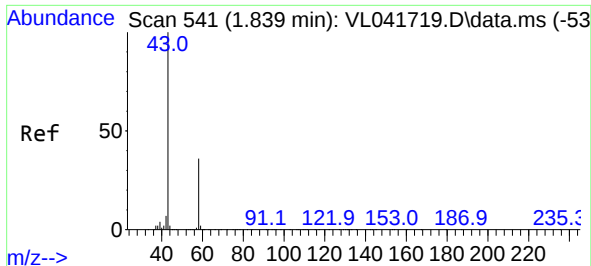
Tgt Ion: 45 Resp: 3358
Ion Ratio Lower Upper
45 100
46 45.4 16.6 66.6



#14
Bromoethene
Concen: 9.522 ppbv
RT: 1.774 min Scan# 521
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 108 Resp: 148903
Ion Ratio Lower Upper
108 100
106 106.2 83.5 125.3
79 11.8 9.3 13.9

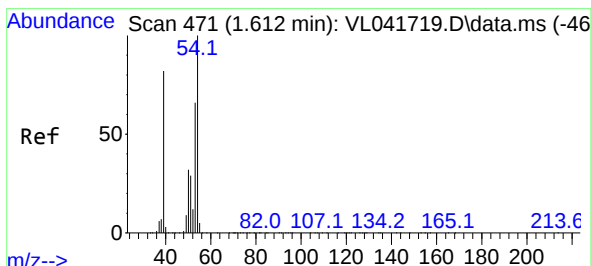
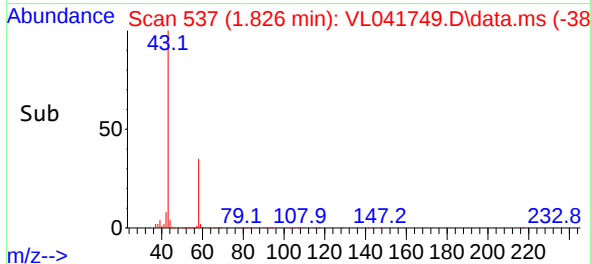
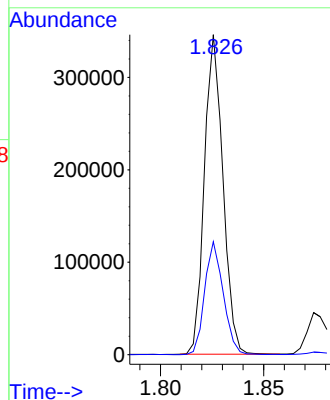
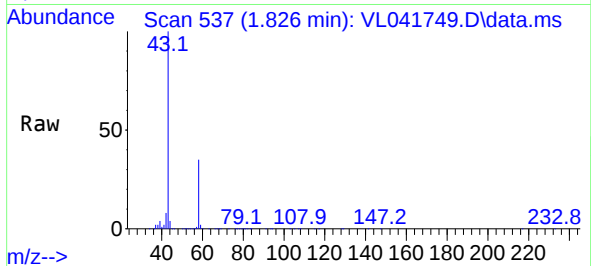




#15
Acetone
Concen: 7.964 ppbv
RT: 1.826 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

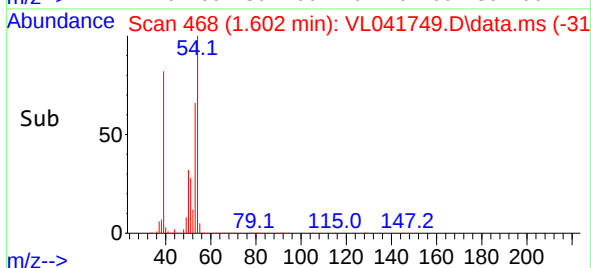
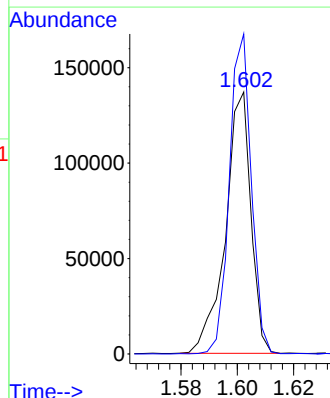
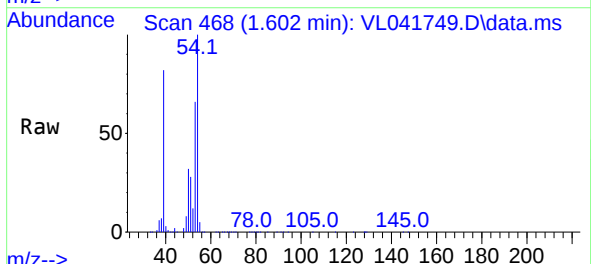
Instrument :
MSVOA_L
ClientSampleId :

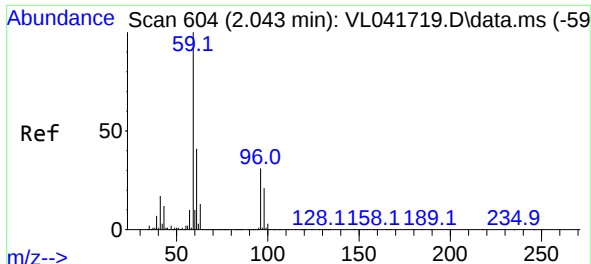
Tgt Ion: 43 Resp: 215597
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3



#16
1,3-Butadiene
Concen: 9.452 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.010 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 39 Resp: 85830
Ion Ratio Lower Upper
39 100
54 105.8 85.0 127.6

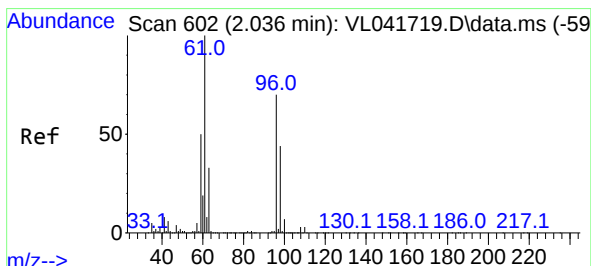
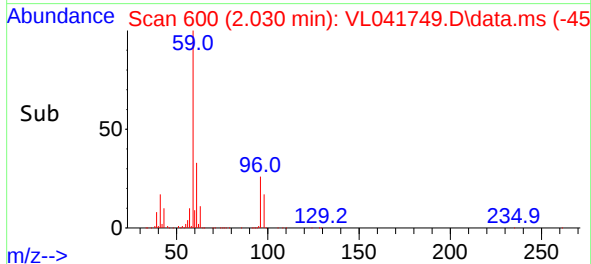
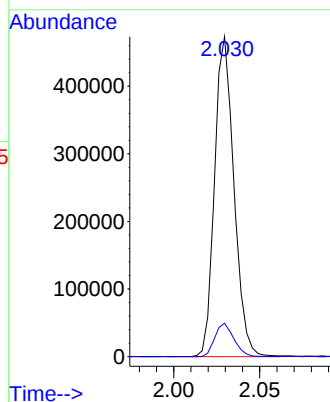
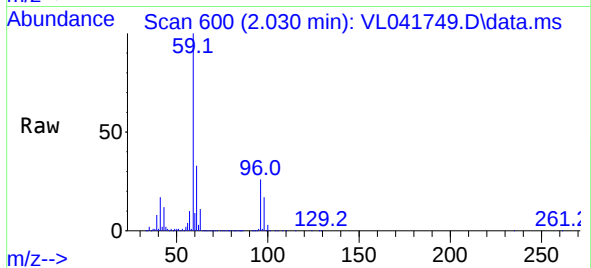




#17
tert-Butyl alcohol
Concen: 9.445 ppbv
RT: 2.030 min Scan# 604
Delta R.T. -0.013 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

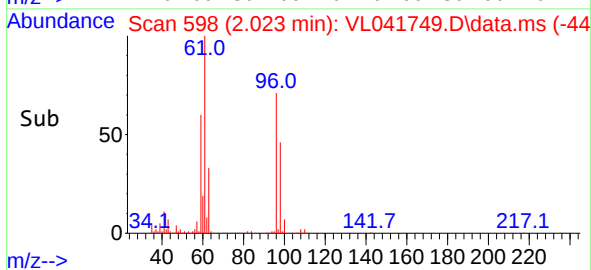
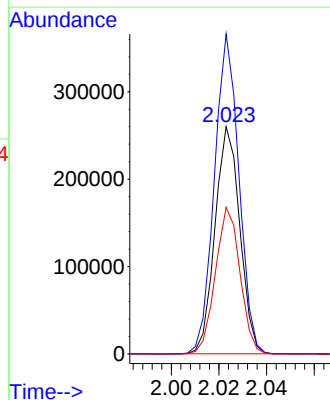
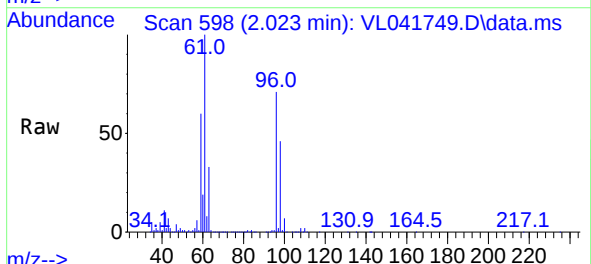
Instrument :
MSVOA_L
ClientSampleId :

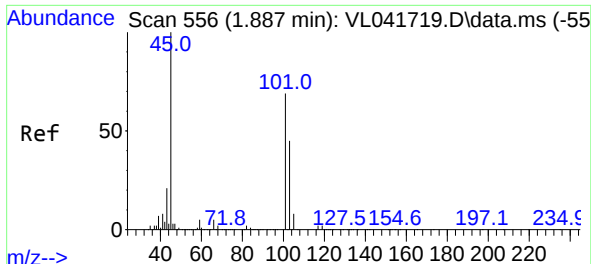
Tgt Ion: 59 Resp: 370657
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#18
1,1-Dichloroethene
Concen: 9.710 ppbv
RT: 2.023 min Scan# 598
Delta R.T. -0.013 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

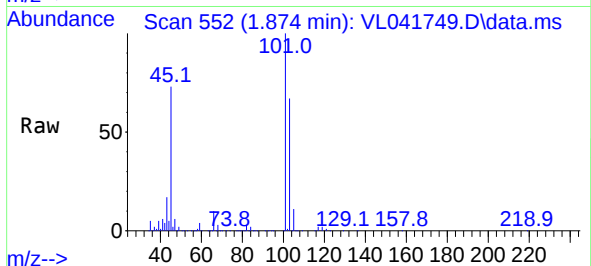
Tgt Ion: 96 Resp: 188244
Ion Ratio Lower Upper
96 100
61 140.7 114.4 171.6
98 64.5 50.6 75.8



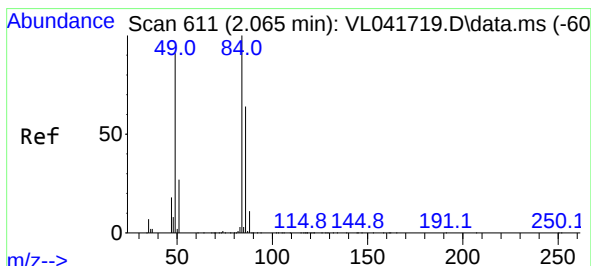
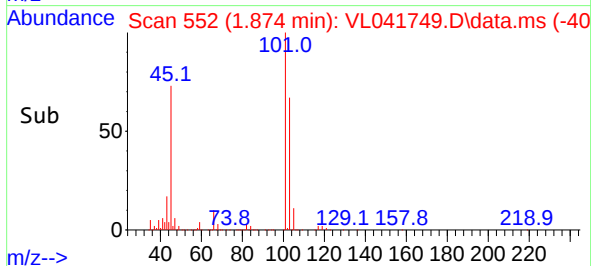
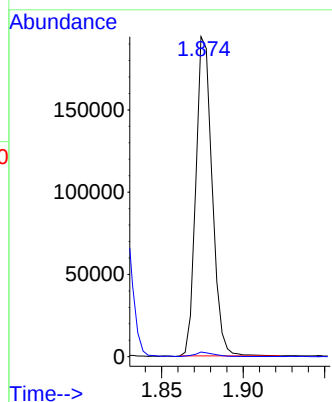


#19
Isopropyl Alcohol
Concen: 5.219 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.013 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

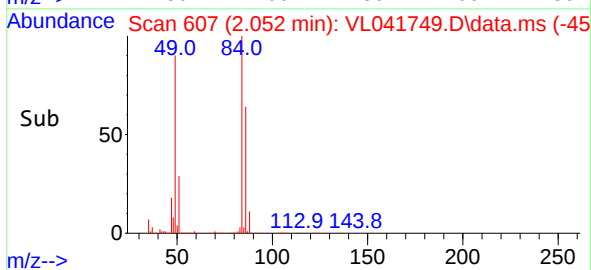
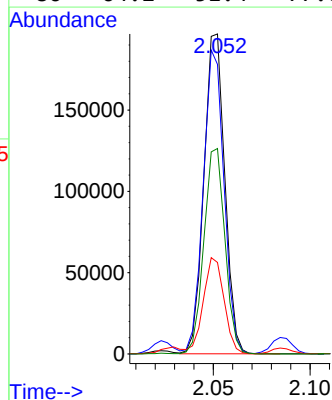
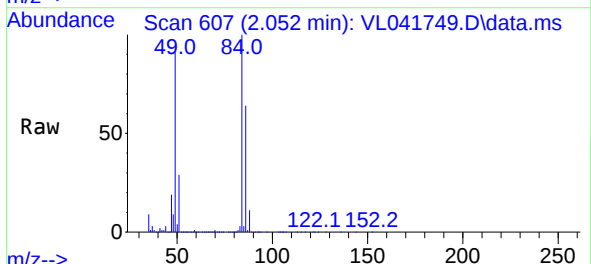


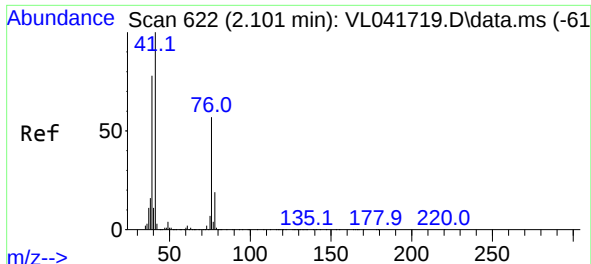
Tgt Ion: 45 Resp: 134190
Ion Ratio Lower Upper
45 100
58 57.2 40.6 61.0



#20
Methylene Chloride
Concen: 9.023 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.013 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 84 Resp: 147951
Ion Ratio Lower Upper
84 100
49 89.6 73.6 110.4
51 27.2 22.7 34.1
86 64.2 51.4 77.0

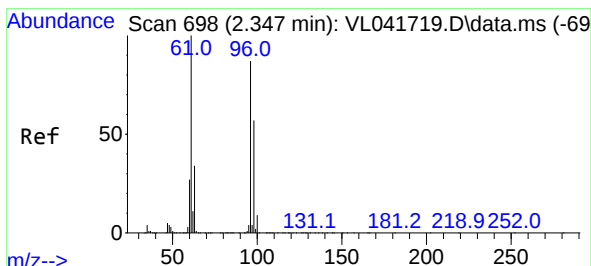
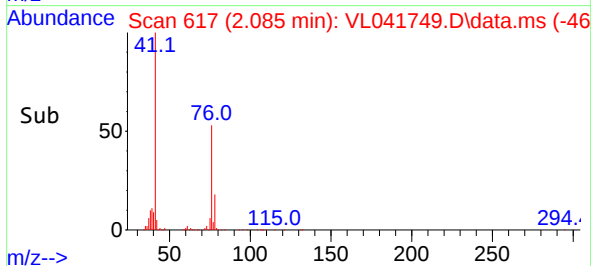
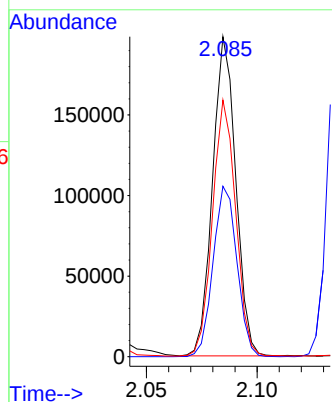
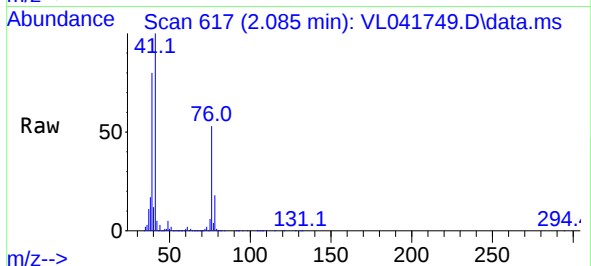




#21
Allyl Chloride
Concen: 9.477 ppbv
RT: 2.085 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

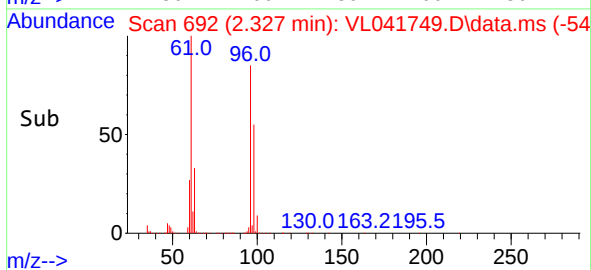
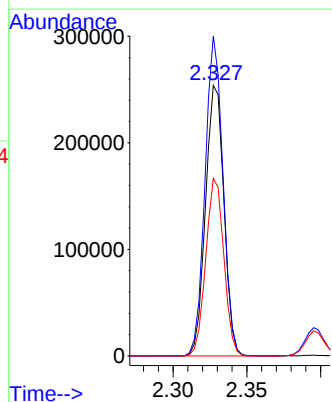
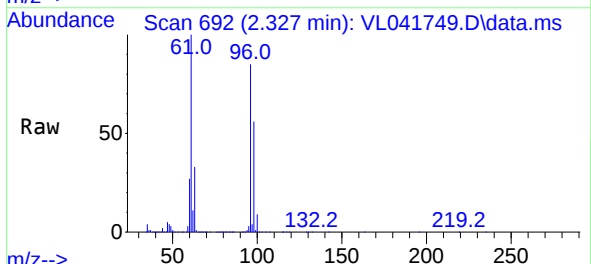
Instrument :
MSVOA_L
ClientSampleId :

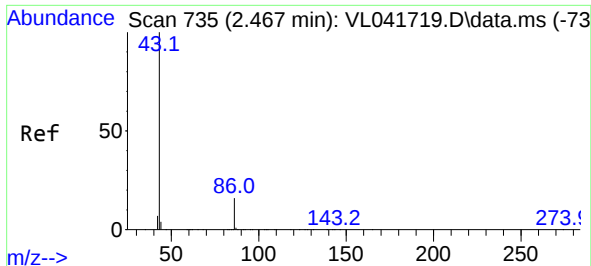
Tgt Ion: 41 Resp: 144455
Ion Ratio Lower Upper
41 100
76 54.9 44.2 66.2
39 80.3 62.8 94.2



#22
trans-1,2-Dichloroethene
Concen: 9.736 ppbv
RT: 2.327 min Scan# 692
Delta R.T. -0.020 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

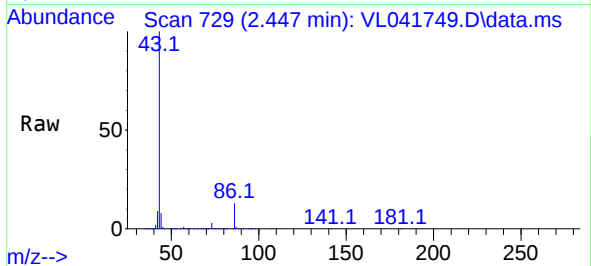
Tgt Ion: 96 Resp: 219136
Ion Ratio Lower Upper
96 100
61 118.3 91.8 137.6
98 65.7 52.7 79.1





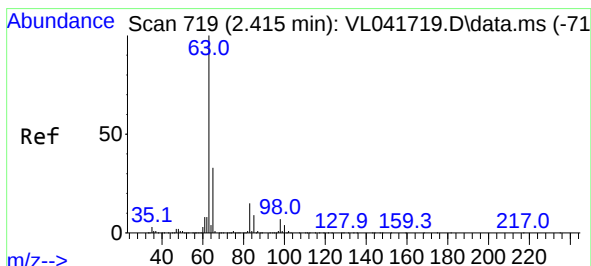
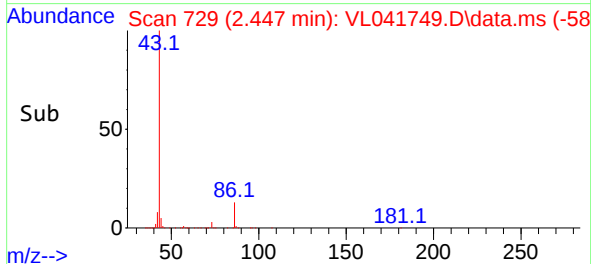
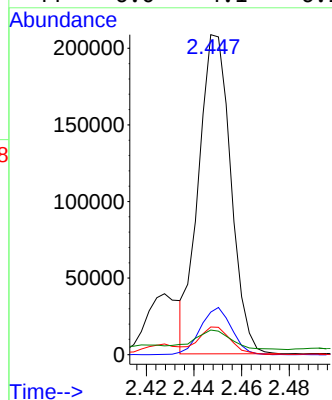
#23
 Vinyl Acetate
 Concen: 11.954 ppbv
 RT: 2.447 min Scan# 713
 Delta R.T. -0.020 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 195956

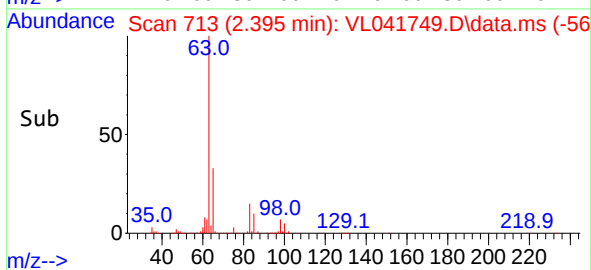
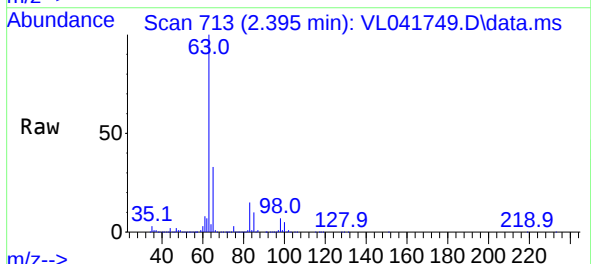
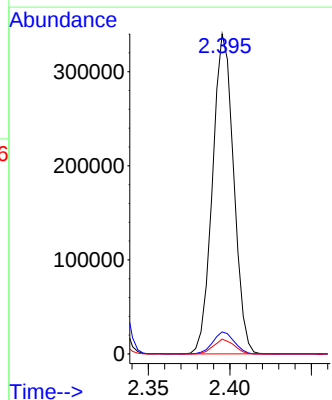
Ion	Ratio	Lower	Upper
43	100		
86	13.3	11.5	17.3
42	8.5	6.6	10.0
44	6.0	4.1	6.1

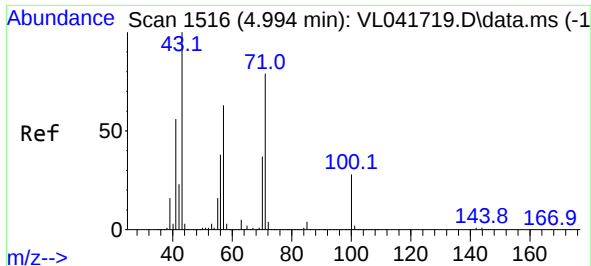


#24
 1,1-Dichloroethane
 Concen: 10.037 ppbv
 RT: 2.395 min Scan# 713
 Delta R.T. -0.020 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

Tgt Ion: 63 Resp: 305955

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.8
100	4.6	2.3	6.8

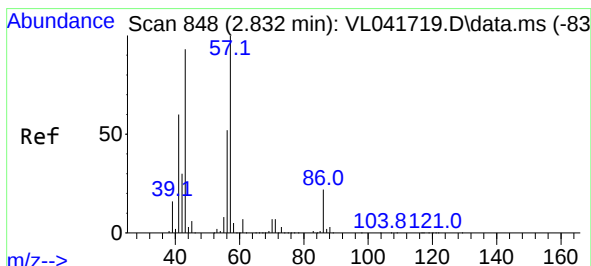
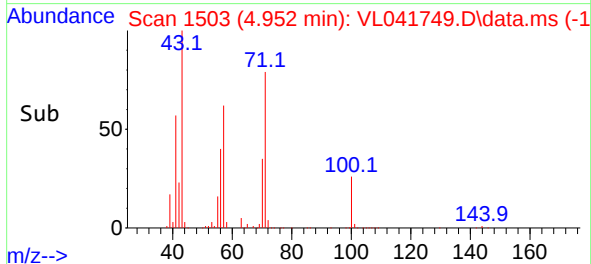
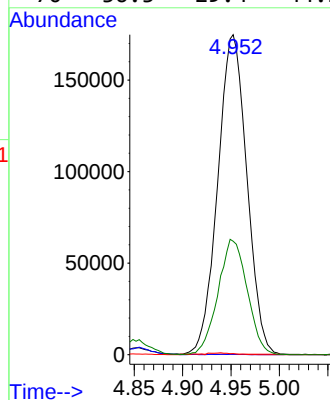
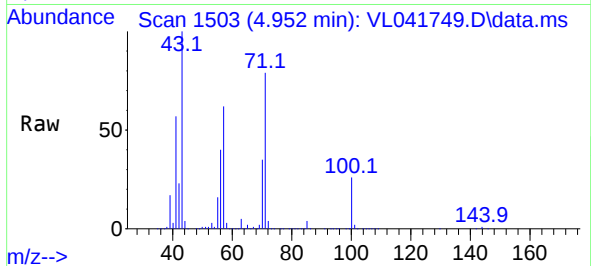




#25
Ethyl Acetate
Concen: 9.683 ppbv
RT: 4.952 min Scan# 11
Delta R.T. -0.042 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

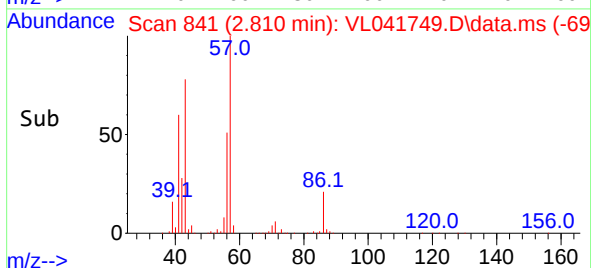
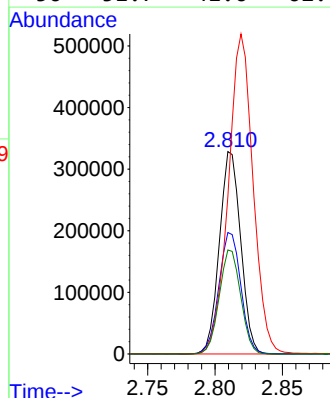
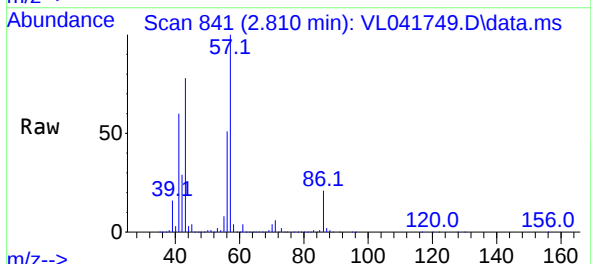
Instrument :
MSVOA_L
ClientSampleId :

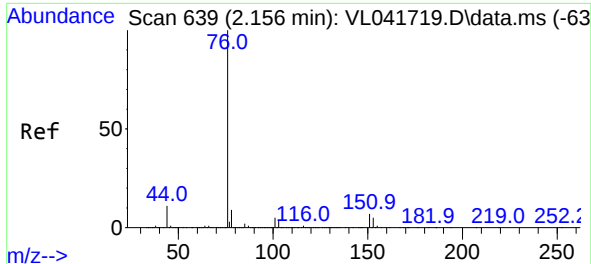
Tgt Ion: 43 Resp: 364336
Ion Ratio Lower Upper
43 100
45 0.1 0.0 0.0#
61 0.5 0.4 0.6
70 36.3 29.4 44.2



#26
Hexane
Concen: 9.896 ppbv
RT: 2.810 min Scan# 841
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 57 Resp: 361084
Ion Ratio Lower Upper
57 100
41 62.2 49.5 74.3
43 184.3 150.6 225.8
56 51.7 41.6 62.4





#27

Carbon Disulfide

Concen: 8.512 ppbv

RT: 2.140 min Scan# 61

Delta R.T. -0.016 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

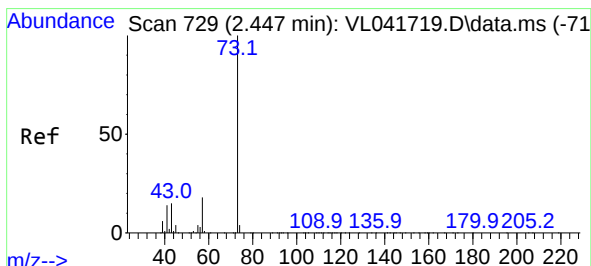
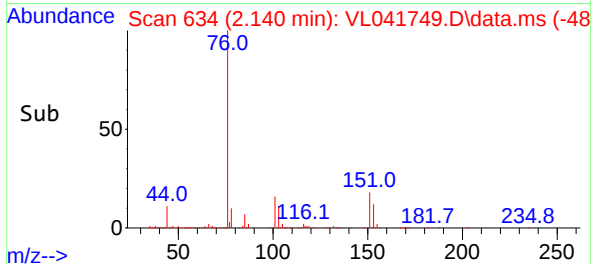
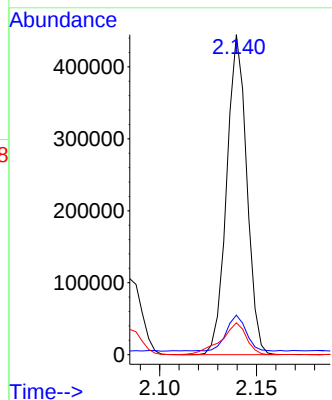
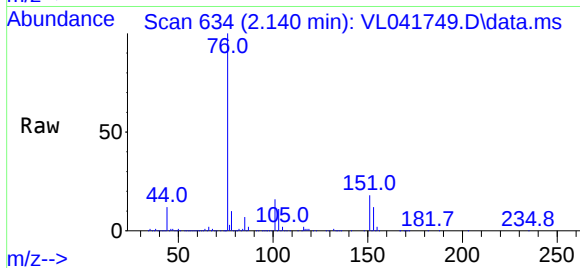
Tgt Ion: 76 Resp: 319771

Ion Ratio Lower Upper

76 100

44 13.9 9.4 14.0

78 12.5 9.4 14.0



#28

Methyl tert-Butyl Ether

Concen: 9.449 ppbv

RT: 2.428 min Scan# 723

Delta R.T. -0.020 min

Lab File: VL041749.D

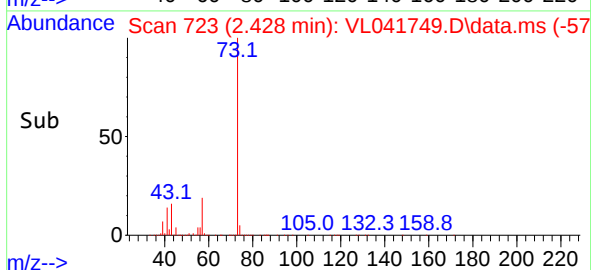
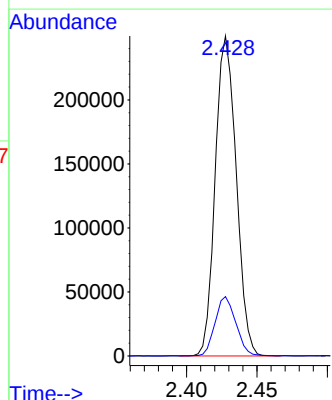
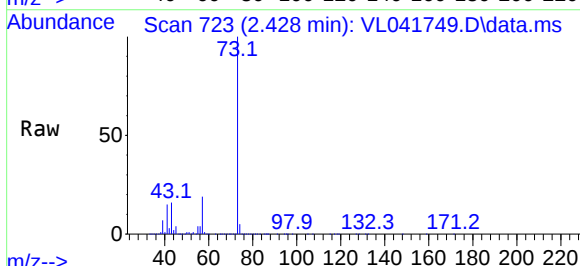
Acq: 12 Dec 2024 13:41

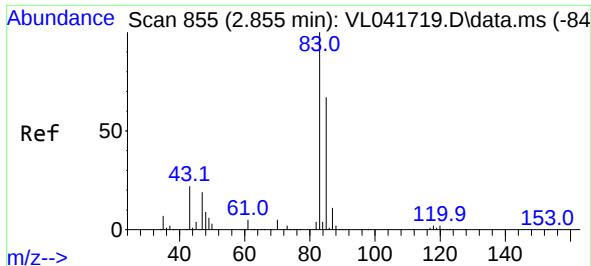
Tgt Ion: 73 Resp: 258801

Ion Ratio Lower Upper

73 100

57 18.5 15.3 22.9





#29

Chloroform

Concen: 9.736 ppbv

RT: 2.832 min Scan# 84

Delta R.T. -0.023 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

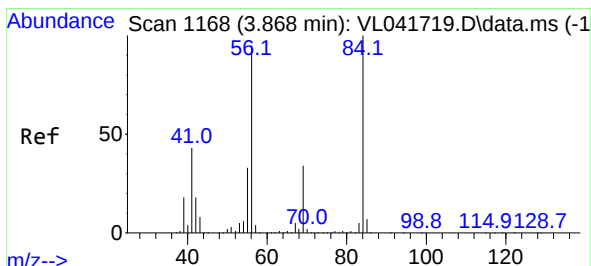
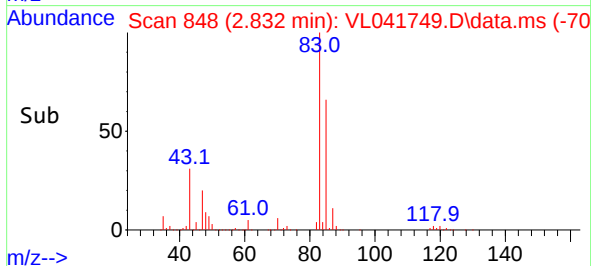
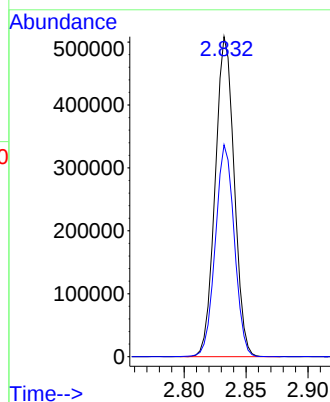
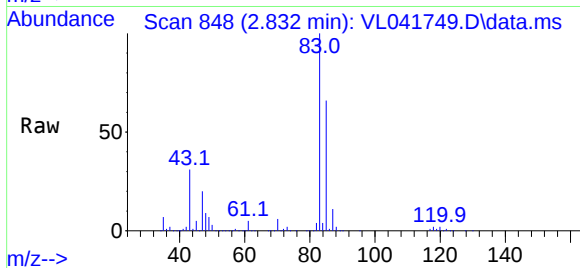
ClientSampleId :

Tgt Ion: 83 Resp: 543858

Ion Ratio Lower Upper

83 100

85 66.2 53.6 80.4



#30

Cyclohexane

Concen: 9.432 ppbv

RT: 3.836 min Scan# 1158

Delta R.T. -0.033 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

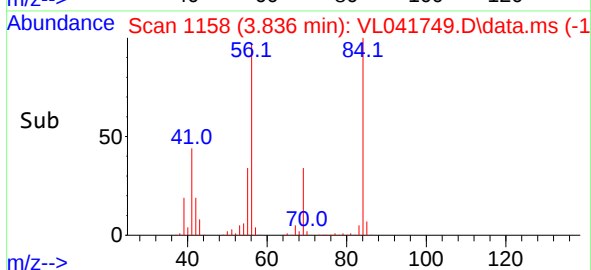
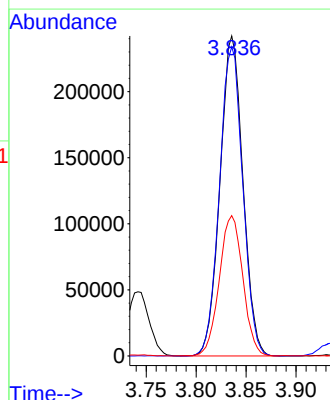
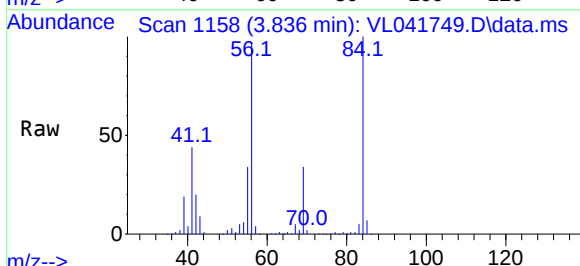
Tgt Ion: 84 Resp: 386524

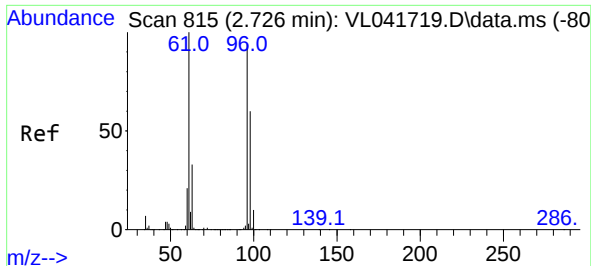
Ion Ratio Lower Upper

84 100

56 98.2 76.0 114.0

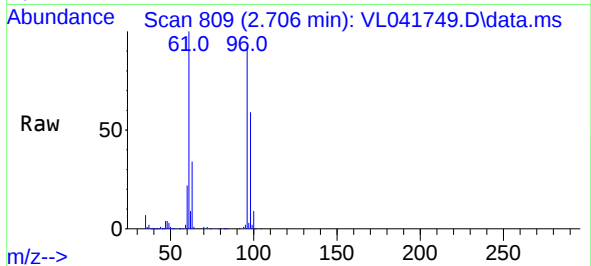
41 45.1 34.2 51.4



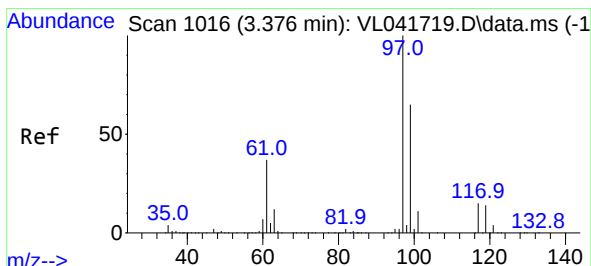
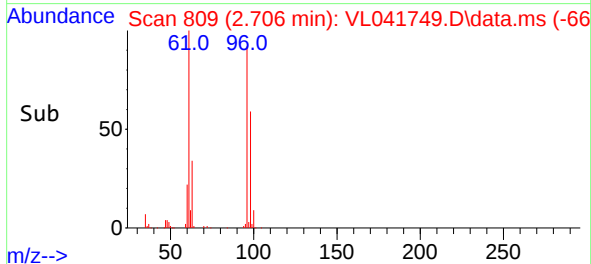
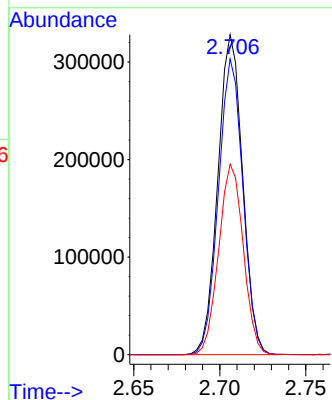


#31
cis-1,2-Dichloroethene
Concen: 9.713 ppbv
RT: 2.706 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

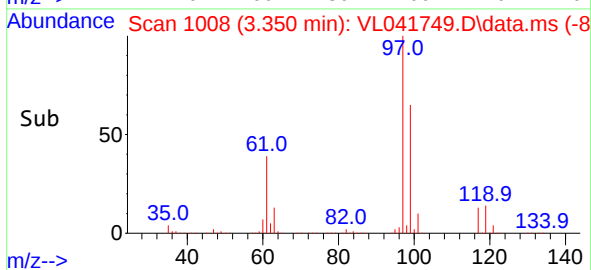
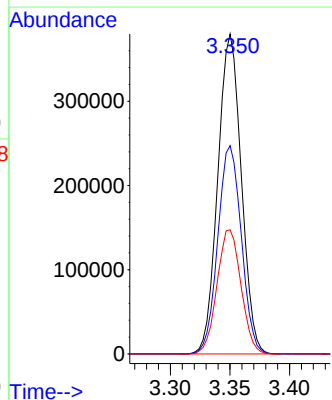
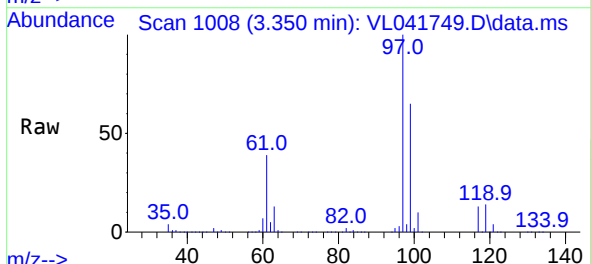


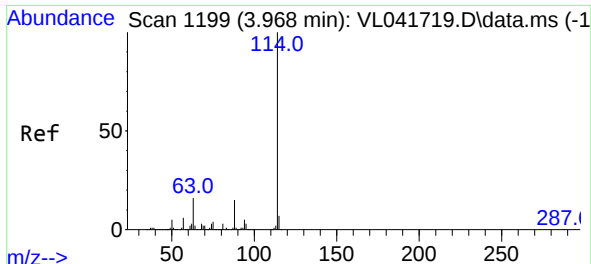
Tgt Ion: 61 Resp: 328306
Ion Ratio Lower Upper
61 100
96 92.4 75.4 113.2
98 59.5 48.3 72.5



#32
1,1,1-Trichloroethane
Concen: 9.455 ppbv
RT: 3.350 min Scan# 1008
Delta R.T. -0.026 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 97 Resp: 519404
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 39.7 29.8 44.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.936 min Scan# 11

Delta R.T. -0.033 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

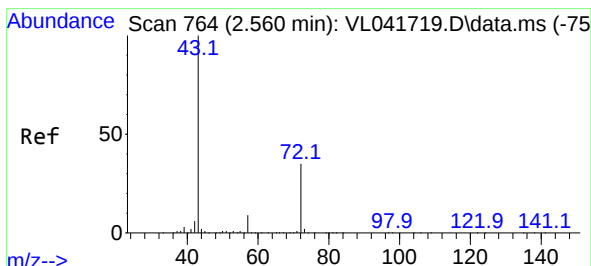
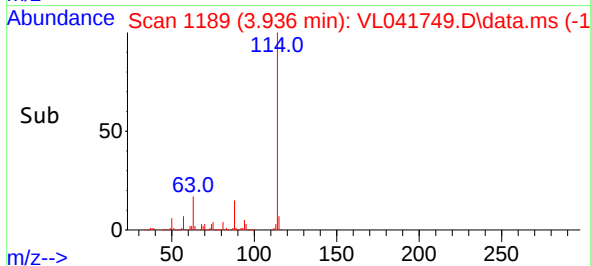
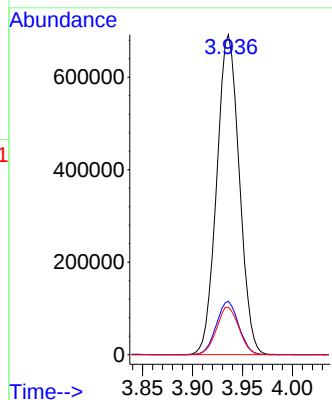
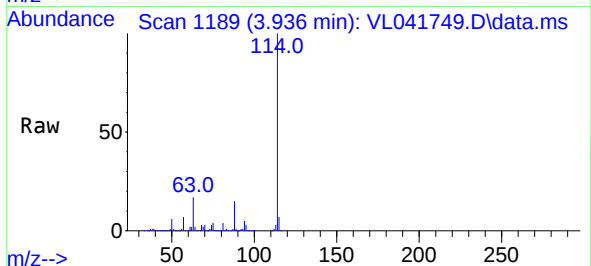
Tgt Ion:114 Resp: 1089055

Ion Ratio Lower Upper

114 100

63 16.6 12.9 19.3

88 14.8 11.8 17.6



#34

2-Butanone

Concen: 10.233 ppbv

RT: 2.544 min Scan# 759

Delta R.T. -0.016 min

Lab File: VL041749.D

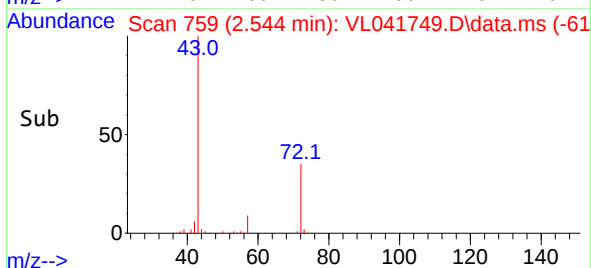
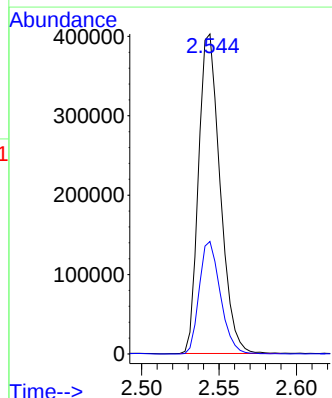
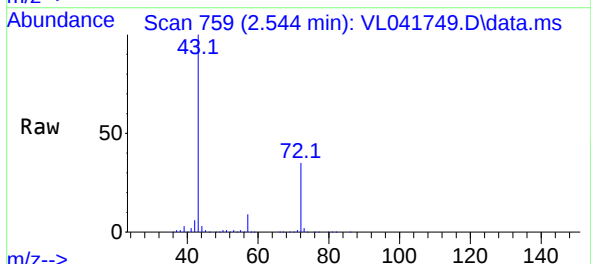
Acq: 12 Dec 2024 13:41

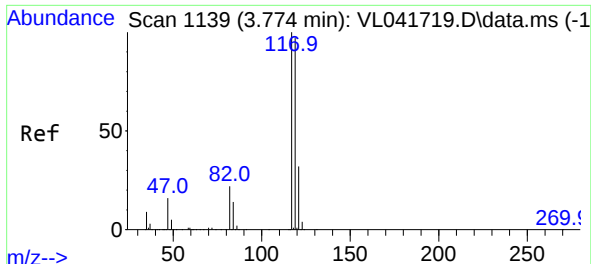
Tgt Ion: 43 Resp: 390220

Ion Ratio Lower Upper

43 100

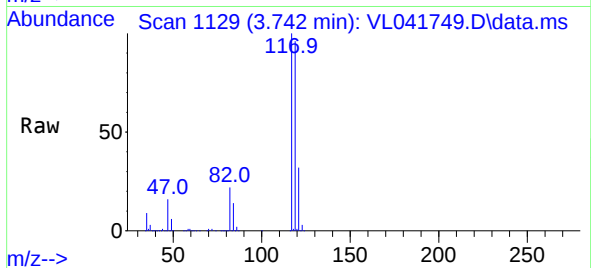
72 34.6 28.3 42.5



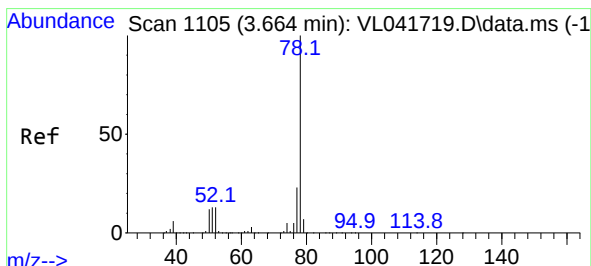
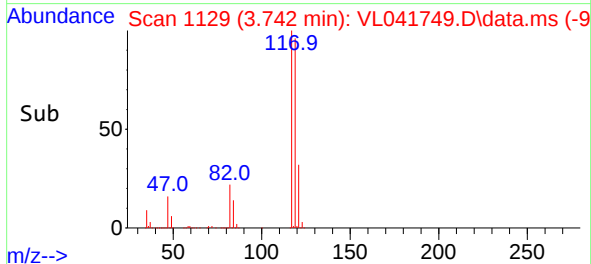
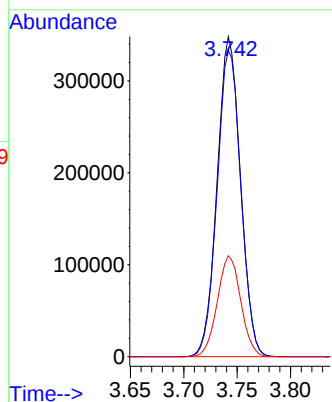


#35
Carbon Tetrachloride
Concen: 10.440 ppbv
RT: 3.742 min Scan# 1139
Delta R.T. -0.033 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

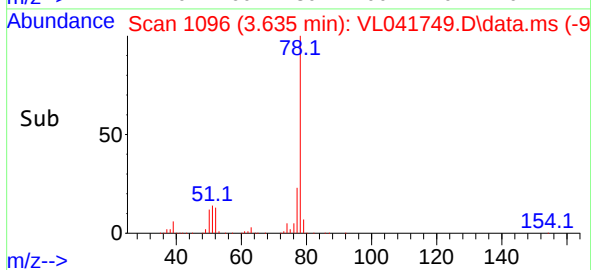
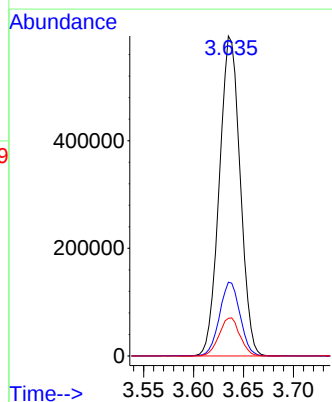
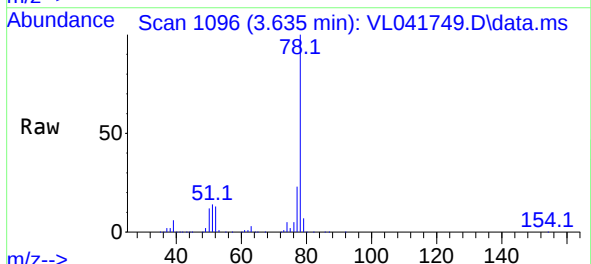


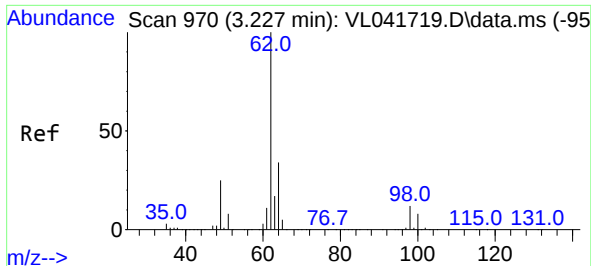
Tgt Ion:117 Resp: 529532
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5
121 31.5 25.5 38.3



#36
Benzene
Concen: 10.053 ppbv
RT: 3.635 min Scan# 1096
Delta R.T. -0.029 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 78 Resp: 860828
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8
50 11.7 9.5 14.3





#37

1,2-Dichloroethane

Concen: 10.532 ppbv

RT: 3.201 min Scan# 9

Delta R.T. -0.026 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

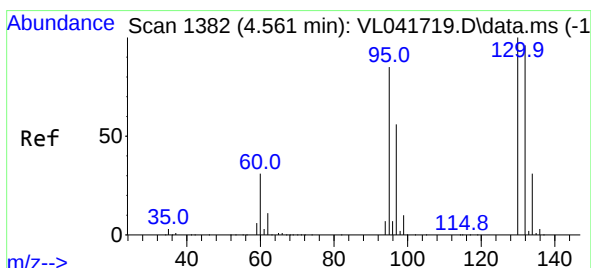
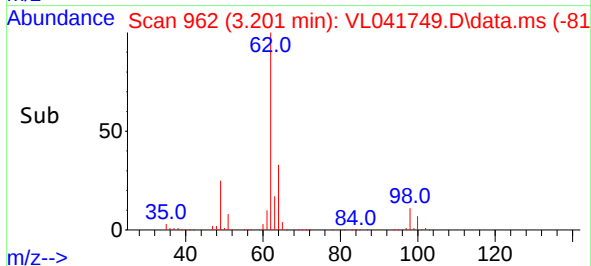
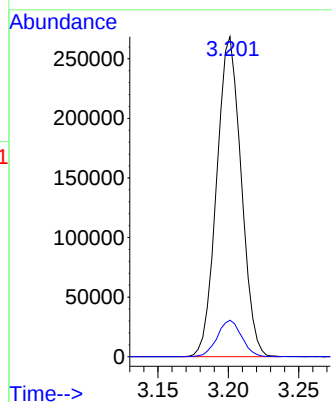
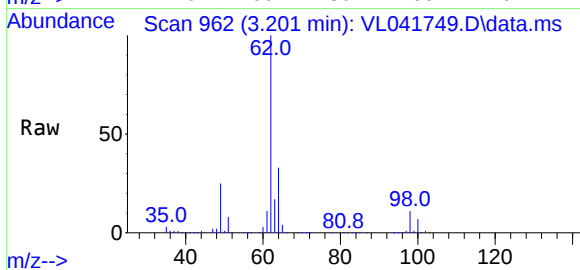
ClientSampleId :

Tgt Ion: 62 Resp: 325781

Ion Ratio Lower Upper

62 100

98 11.3 9.4 14.2



#38

Trichloroethene

Concen: 13.657 ppbv

RT: 4.522 min Scan# 1370

Delta R.T. -0.039 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Tgt Ion:130 Resp: 606441

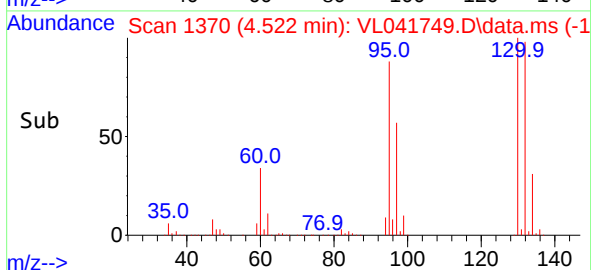
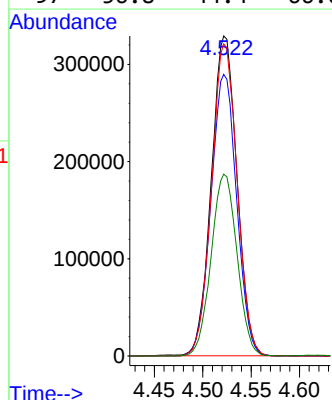
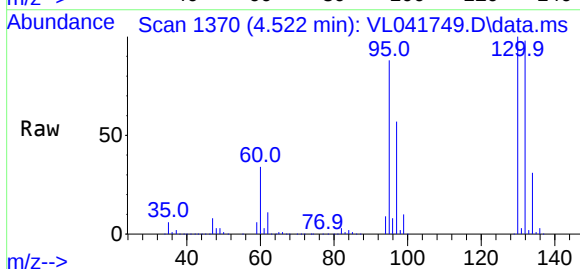
Ion Ratio Lower Upper

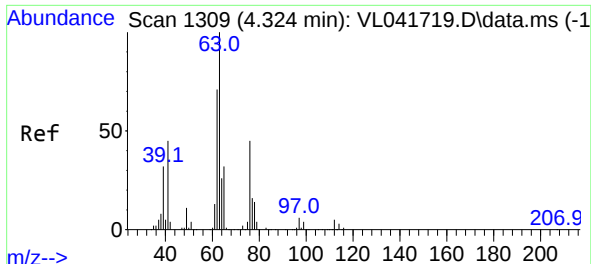
130 100

95 88.0 68.0 102.0

132 97.5 76.5 114.7

97 56.8 44.4 66.6

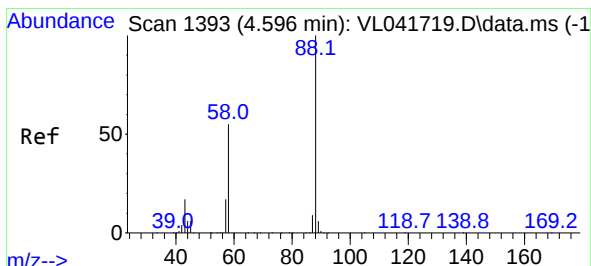
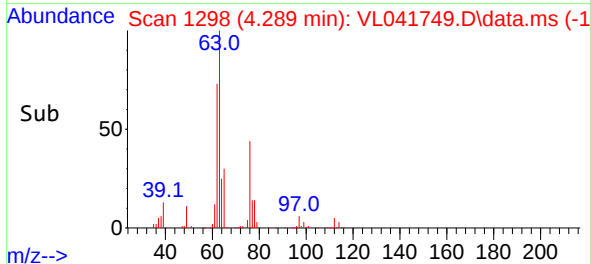
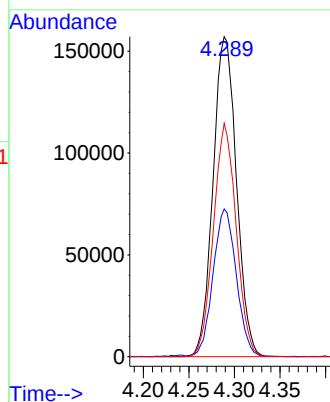
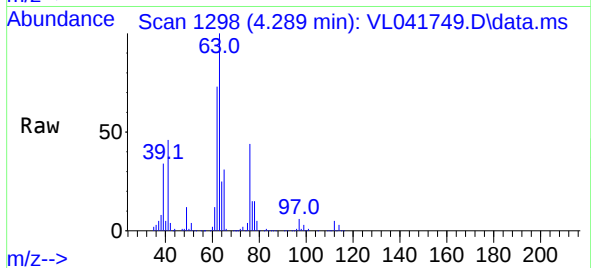




#39
1,2-Dichloropropane
Concen: 10.311 ppbv
RT: 4.289 min Scan# 11
Delta R.T. -0.036 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

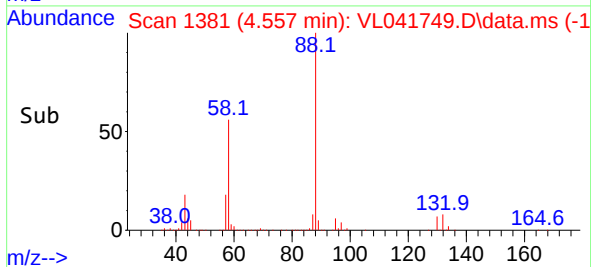
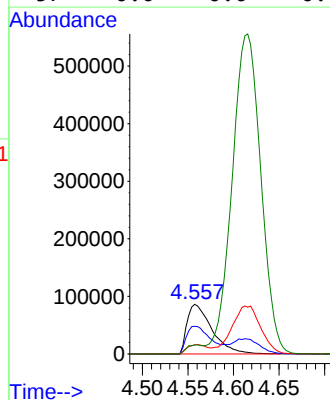
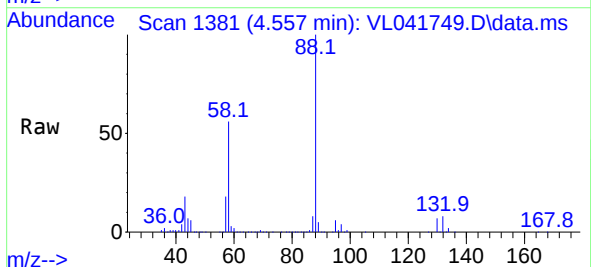
Instrument :
MSVOA_L
ClientSampleId :

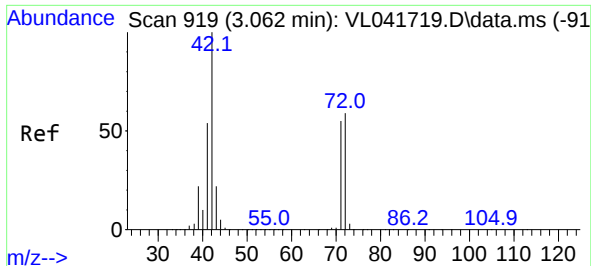
Tgt Ion: 63 Resp: 281338
Ion Ratio Lower Upper
63 100
41 46.1 36.4 54.6
62 72.9 56.6 85.0



#40
1,4-Dioxane
Concen: 9.926 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. -0.039 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

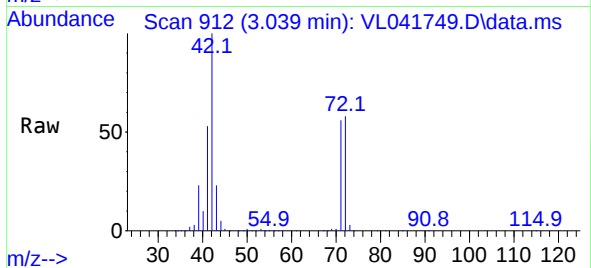
Tgt Ion: 88 Resp: 163416
Ion Ratio Lower Upper
88 100
58 52.8 45.7 68.5
43 0.0 0.0 0.0
57 0.0 0.0 0.0



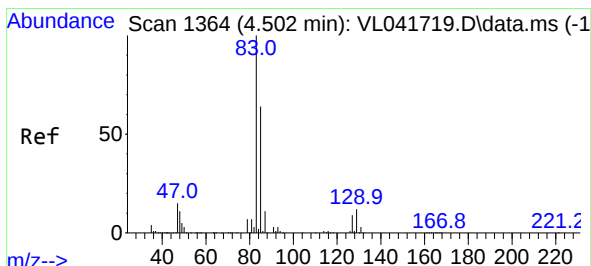
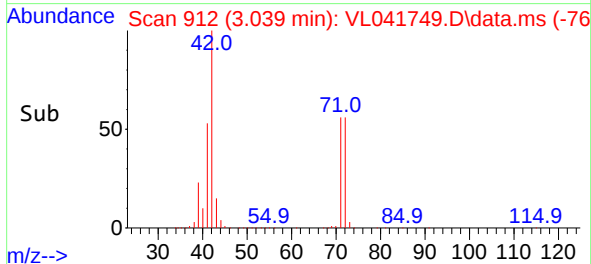
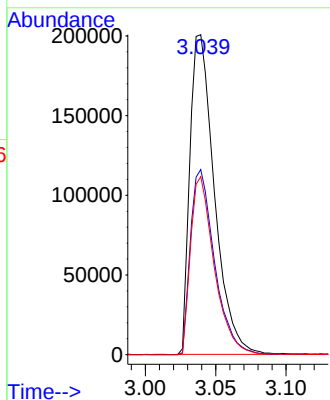


#41
Tetrahydrofuran
Concen: 10.575 ppbv
RT: 3.039 min Scan# 919
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

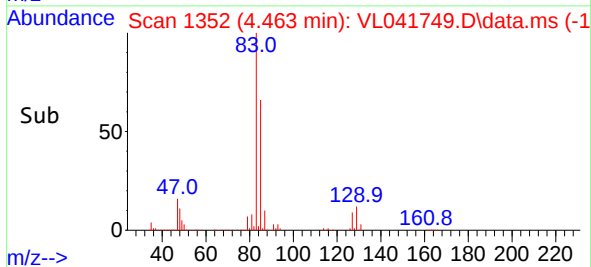
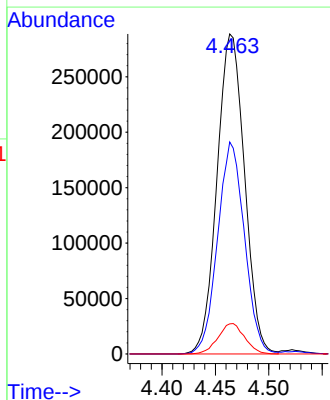
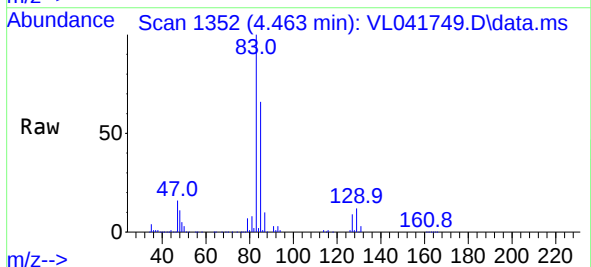


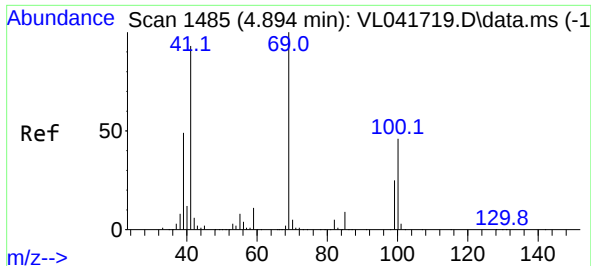
Tgt Ion: 42 Resp: 242999
Ion Ratio Lower Upper
42 100
72 57.3 47.4 71.0
71 54.0 44.4 66.6



#42
Bromodichloromethane
Concen: 10.377 ppbv
RT: 4.463 min Scan# 1352
Delta R.T. -0.039 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 83 Resp: 518242
Ion Ratio Lower Upper
83 100
85 66.3 51.0 76.6
127 9.4 7.6 11.4

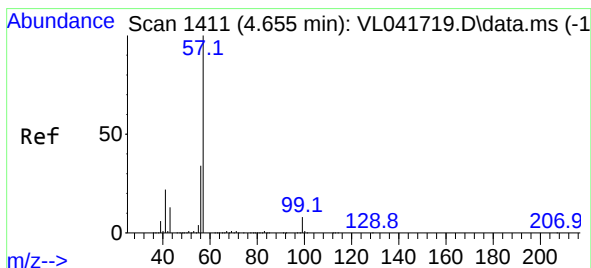
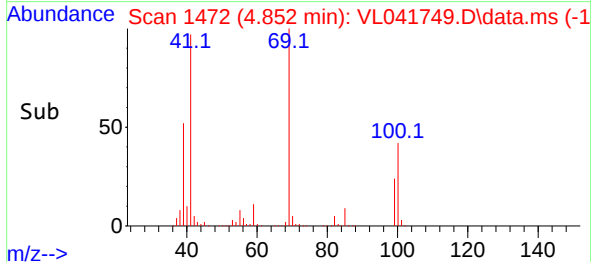
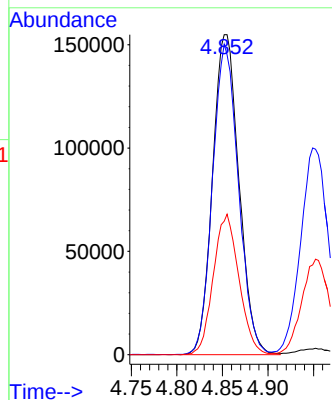
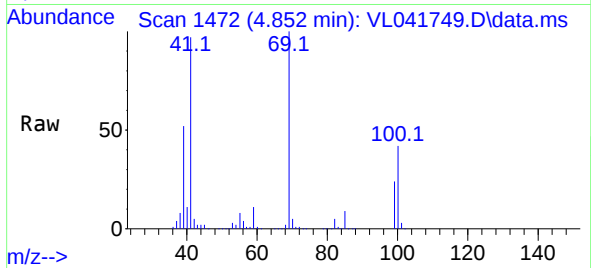




#43
Methyl Methacrylate
Concen: 10.116 ppbv
RT: 4.852 min Scan# 1485
Delta R.T. -0.042 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

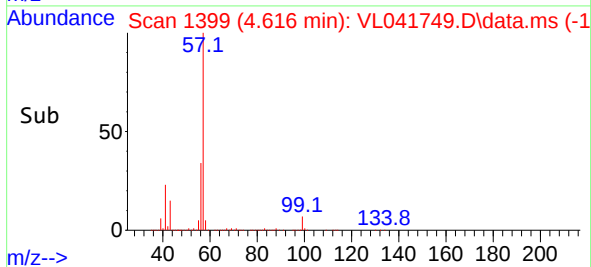
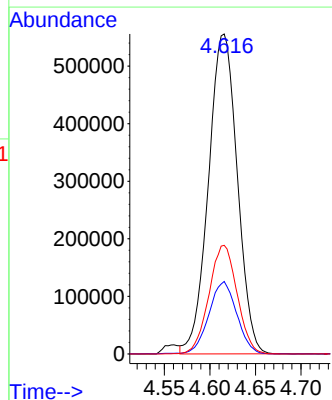
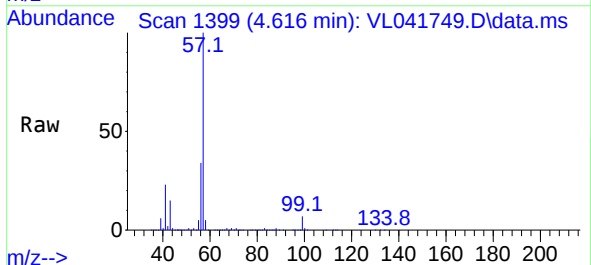
Instrument :
MSVOA_L
ClientSampleId :

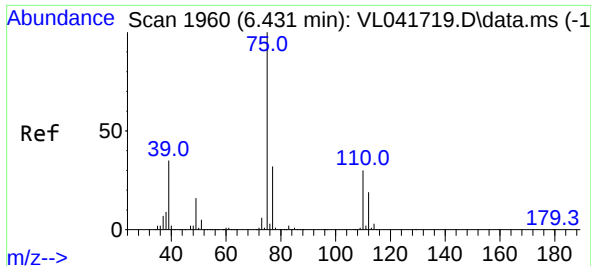
Tgt Ion: 69 Resp: 312014
Ion Ratio Lower Upper
69 100
41 95.0 74.6 112.0
100 42.6 35.5 53.3



#44
2,2,4-Trimethylpentane
Concen: 10.269 ppbv
RT: 4.616 min Scan# 1399
Delta R.T. -0.039 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 57 Resp: 1224011
Ion Ratio Lower Upper
57 100
41 22.0 17.2 25.8
56 33.2 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 7.914 ppbv

RT: 6.386 min Scan# 1960

Delta R.T. -0.045 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

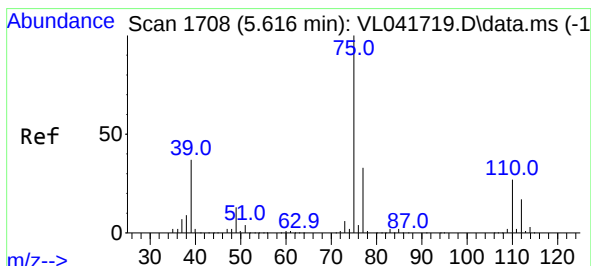
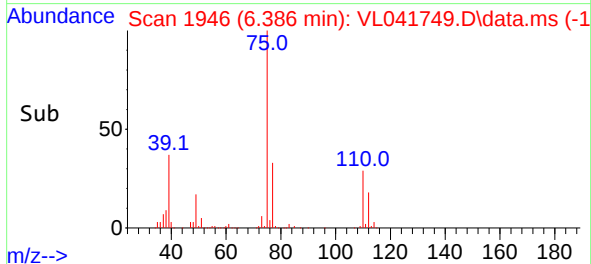
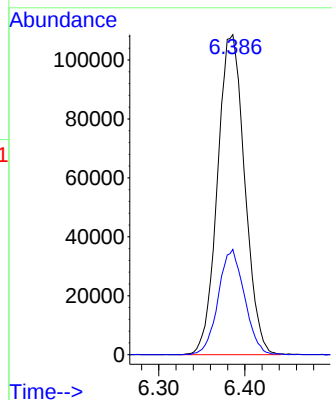
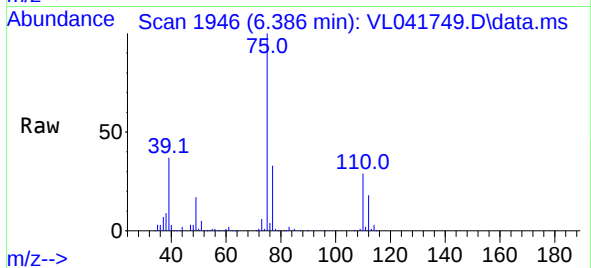
ClientSampleId :

Tgt Ion: 75 Resp: 238139

Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 8.703 ppbv

RT: 5.570 min Scan# 1694

Delta R.T. -0.045 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

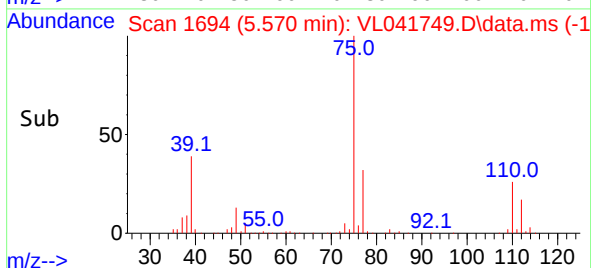
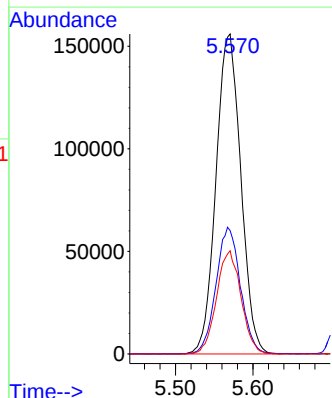
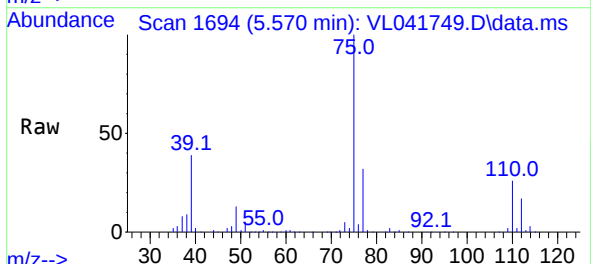
Tgt Ion: 75 Resp: 347639

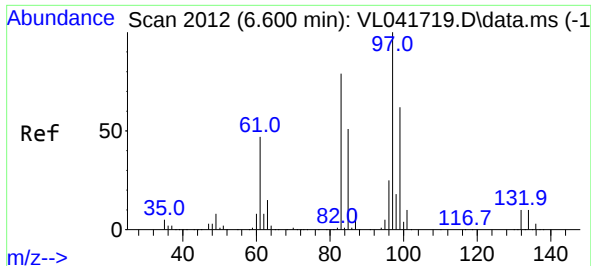
Ion Ratio Lower Upper

75 100

39 38.5 29.8 44.6

77 32.3 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.765 ppbv

RT: 6.551 min Scan# 19

Delta R.T. -0.049 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

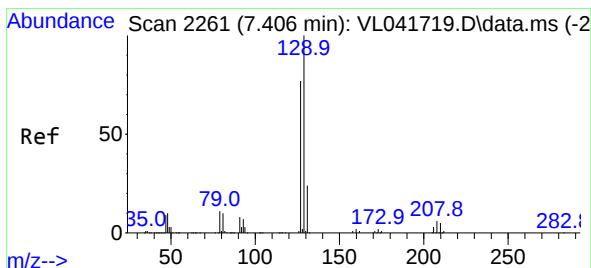
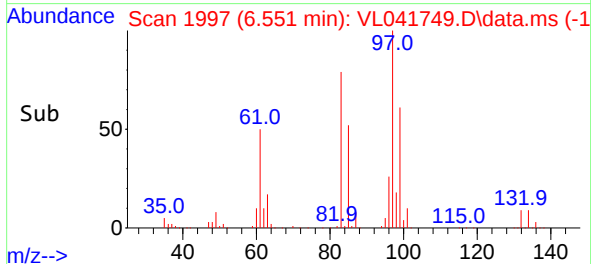
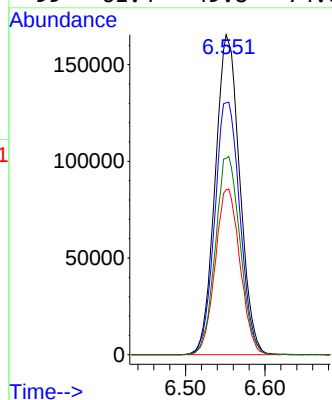
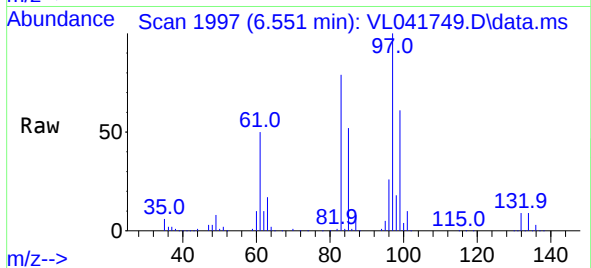
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 354763

Ion	Ratio	Lower	Upper
97	100		
83	78.7	63.0	94.4
85	51.5	41.0	61.6
99	61.4	49.8	74.6



#48

Dibromochloromethane

Concen: 9.620 ppbv

RT: 7.363 min Scan# 2248

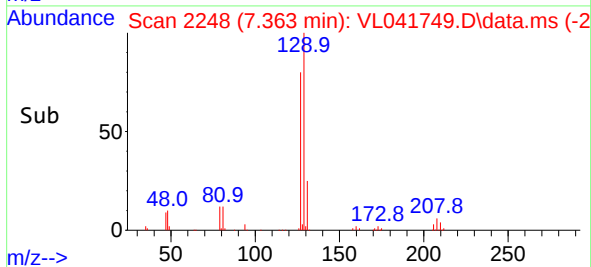
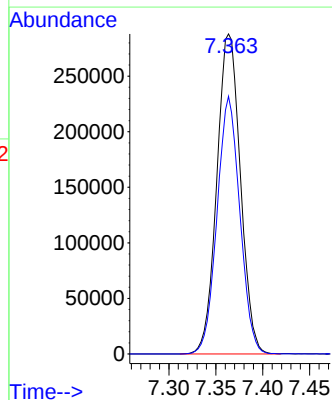
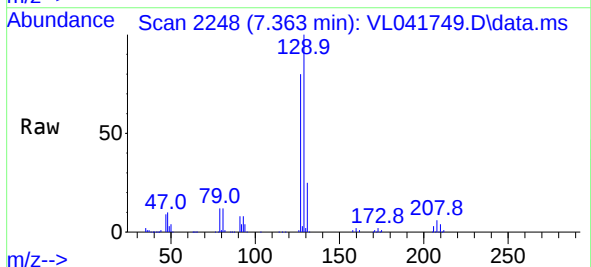
Delta R.T. -0.042 min

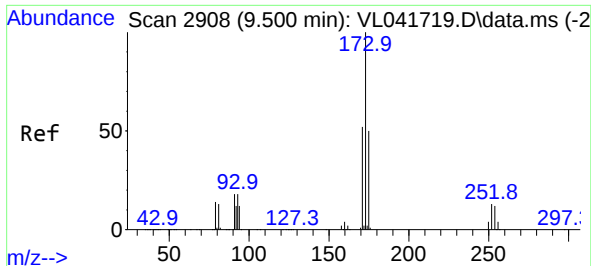
Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Tgt Ion: 129 Resp: 503608

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	115.7

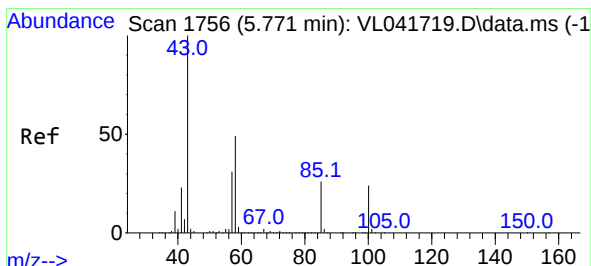
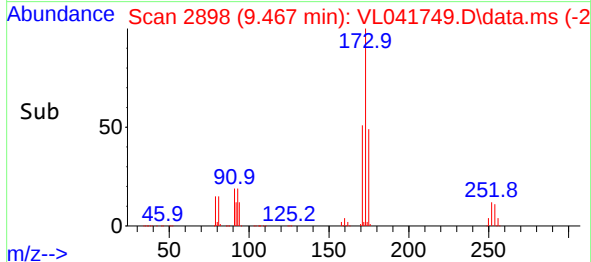
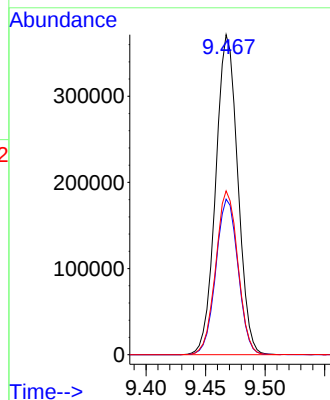
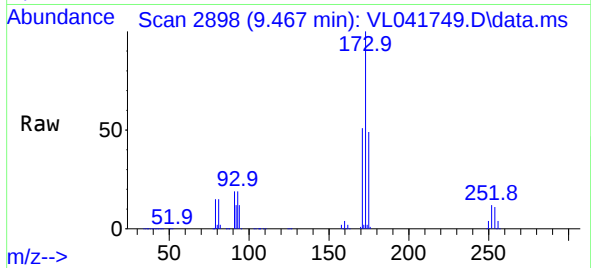




#49
Bromoform
Concen: 9.540 ppbv
RT: 9.467 min Scan# 21
Delta R.T. -0.033 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

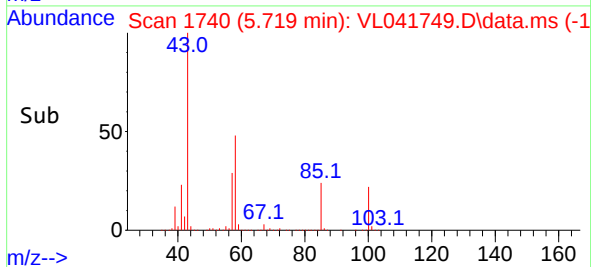
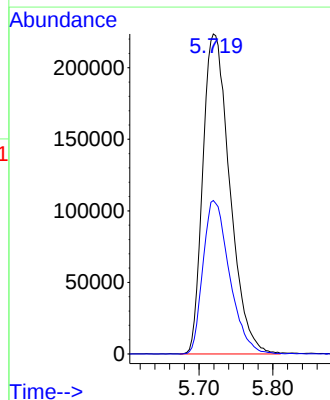
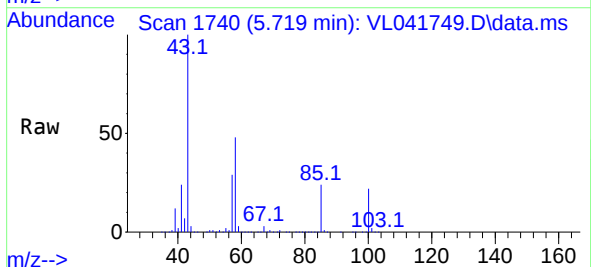
Instrument :
MSVOA_L
ClientSampleId :

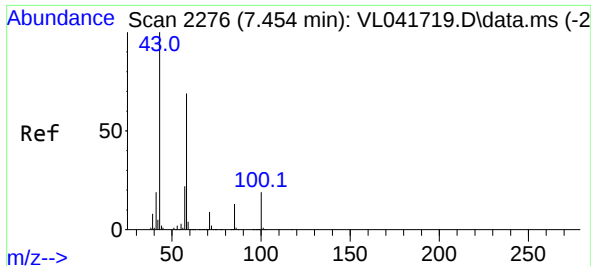
Tgt Ion:173 Resp: 477830
Ion Ratio Lower Upper
173 100
175 48.9 39.5 59.3
171 51.5 41.4 62.0



#50
4-Methyl-2-Pentanone
Concen: 10.373 ppbv
RT: 5.719 min Scan# 1740
Delta R.T. -0.052 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

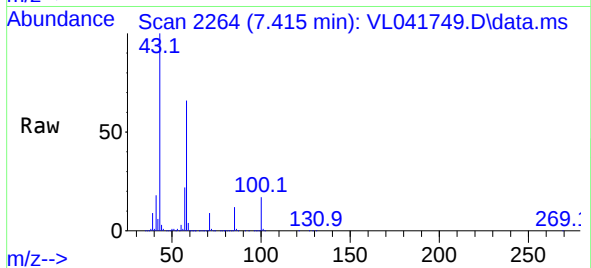
Tgt Ion: 43 Resp: 567286
Ion Ratio Lower Upper
43 100
58 47.3 38.9 58.3



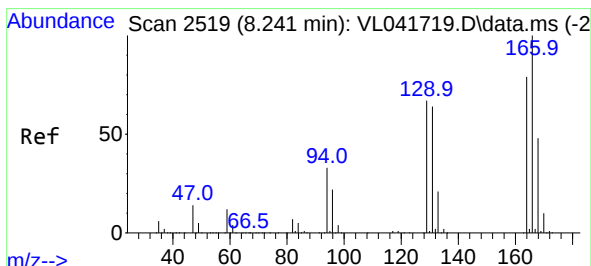
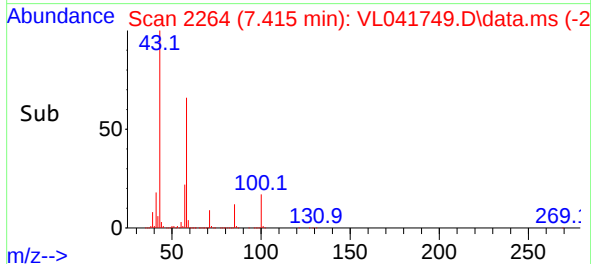
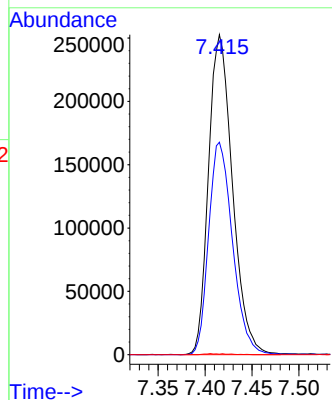


#51
2-Hexanone
Concen: 9.973 ppbv
RT: 7.415 min Scan# 21
Delta R.T. -0.039 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

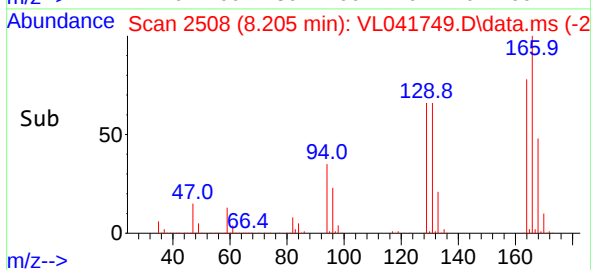
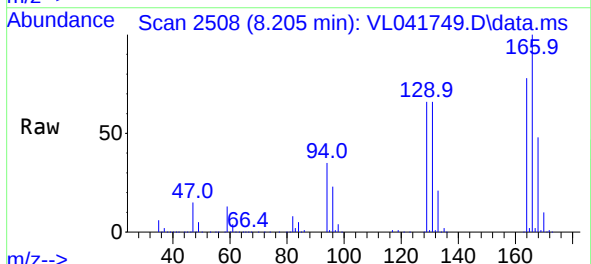
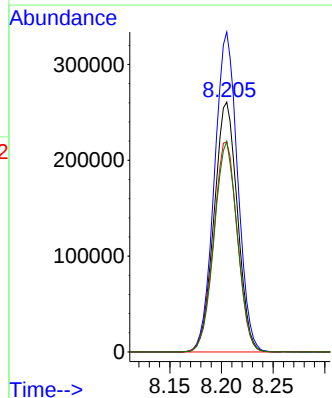


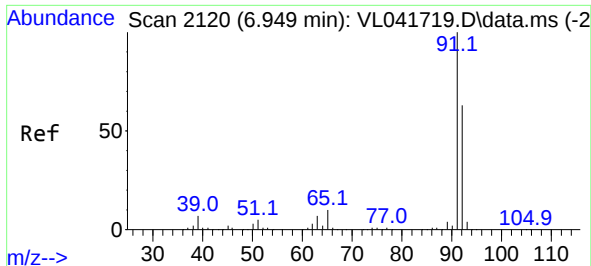
Tgt Ion: 43 Resp: 448633
Ion Ratio Lower Upper
43 100
58 66.3 54.2 81.4
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.055 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. -0.036 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 164 Resp: 410803
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 84.0 67.6 101.4
131 84.3 65.3 97.9

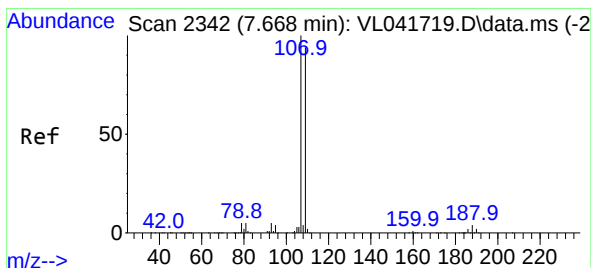
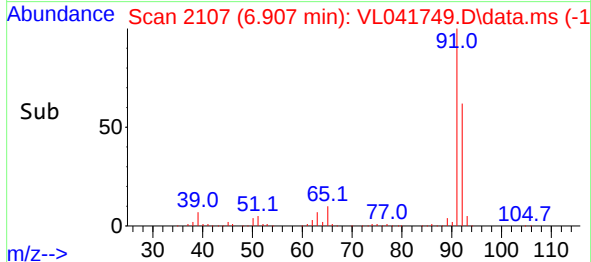
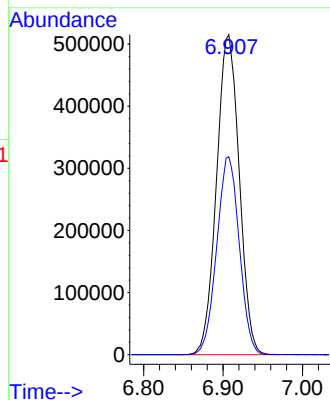
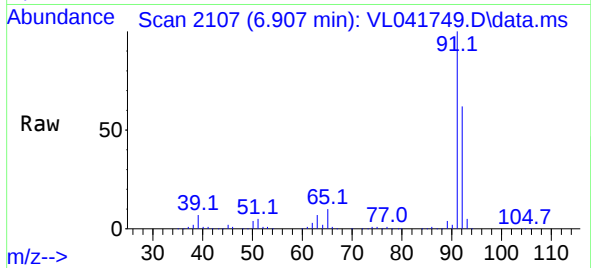




#53
Toluene
Concen: 9.712 ppbv
RT: 6.907 min Scan# 2120
Delta R.T. -0.042 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

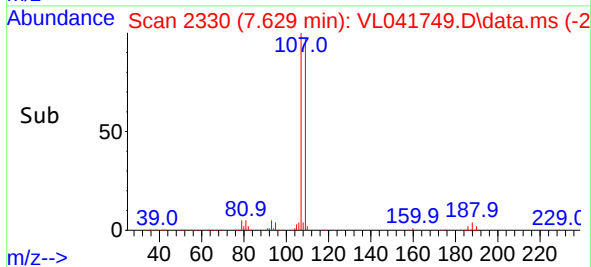
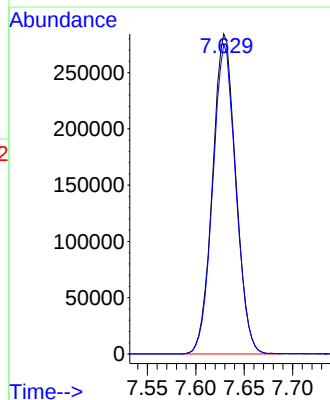
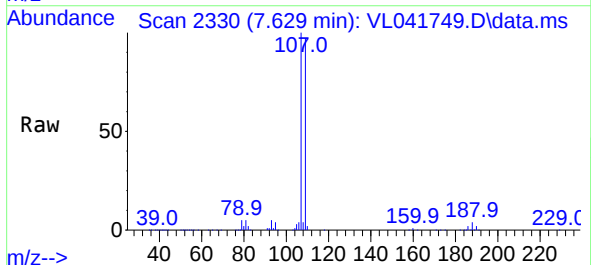
Instrument :
MSVOA_L
ClientSampleId :

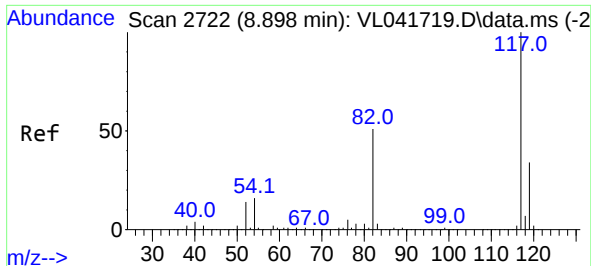
Tgt Ion: 91 Resp: 1021981
Ion Ratio Lower Upper
91 100
92 61.4 49.7 74.5



#54
1,2-Dibromoethane
Concen: 9.578 ppbv
RT: 7.629 min Scan# 2330
Delta R.T. -0.039 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 107 Resp: 475682
Ion Ratio Lower Upper
107 100
109 96.7 75.5 113.3

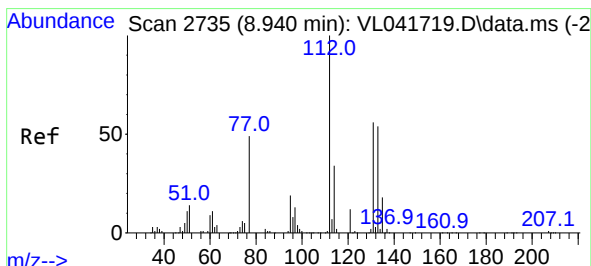
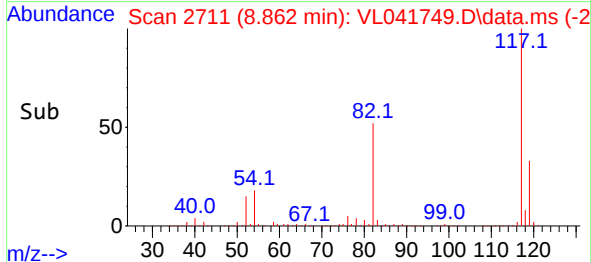
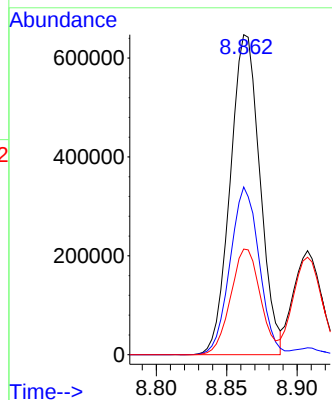
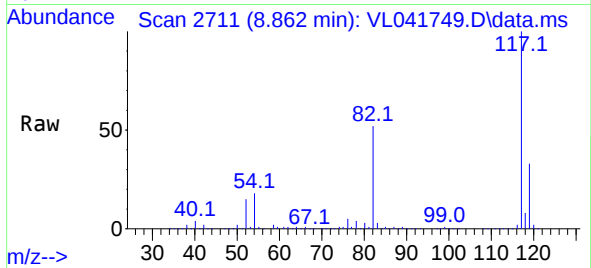




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 21
Delta R.T. -0.036 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

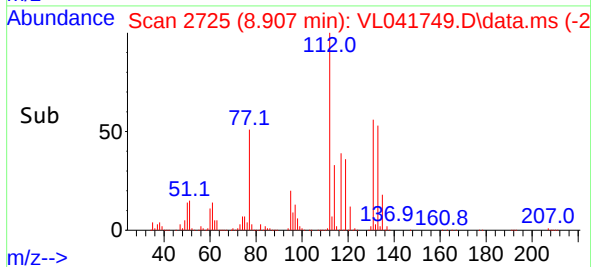
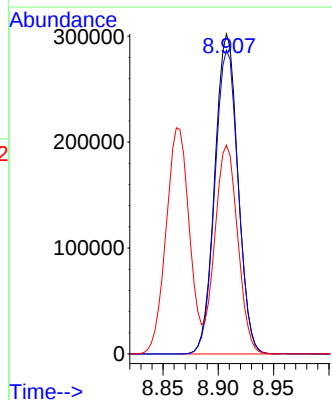
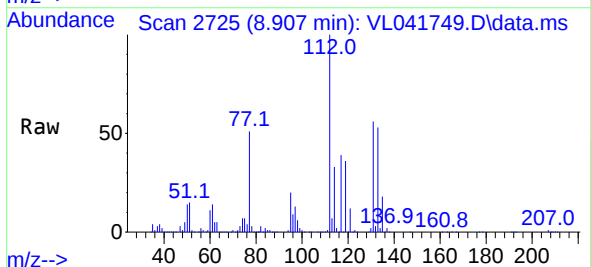
Instrument :
MSVOA_L
ClientSampleId :

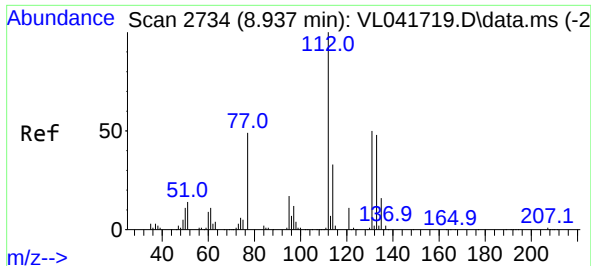
Tgt Ion:117 Resp: 952232
Ion Ratio Lower Upper
117 100
82 53.4 41.3 61.9
119 32.3 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.937 ppbv
RT: 8.907 min Scan# 2725
Delta R.T. -0.033 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion:131 Resp: 439912
Ion Ratio Lower Upper
131 100
133 95.9 76.9 115.3
119 65.9 52.6 78.8

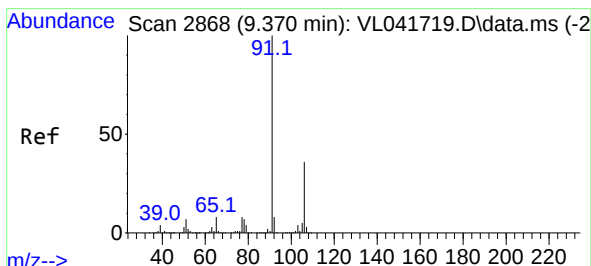
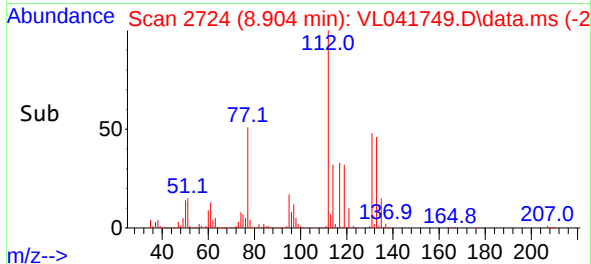
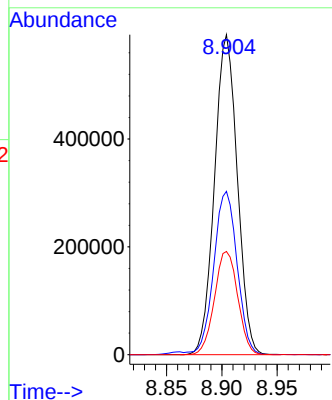
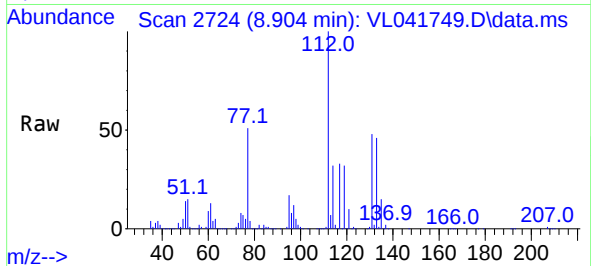




#57
Chlorobenzene
Concen: 9.814 ppbv
RT: 8.904 min Scan# 21
Delta R.T. -0.033 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

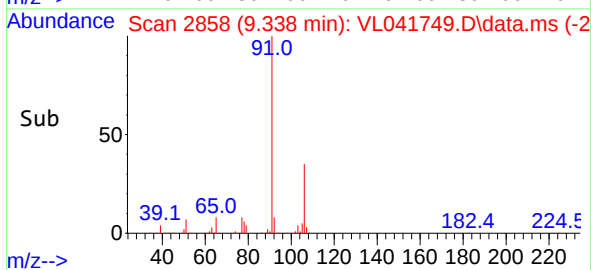
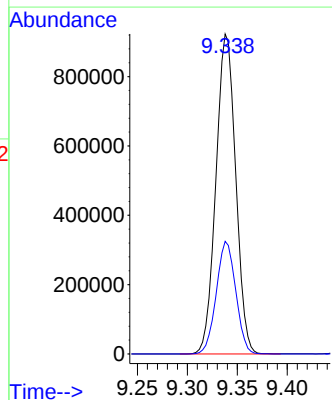
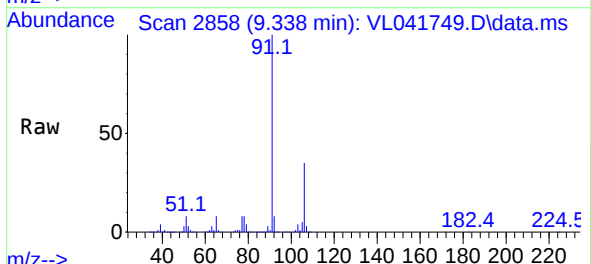
Instrument :
MSVOA_L
ClientSampleId :

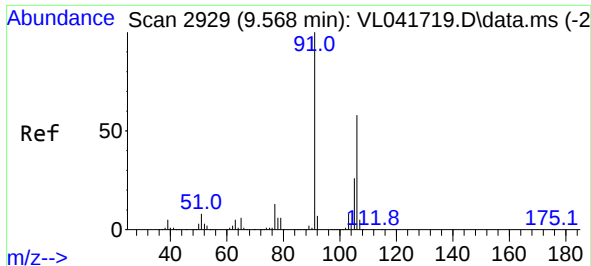
Tgt Ion:112 Resp: 850415
Ion Ratio Lower Upper
112 100
77 51.0 40.1 60.1
114 32.2 30.2 36.9



#58
Ethyl Benzene
Concen: 9.972 ppbv
RT: 9.338 min Scan# 2858
Delta R.T. -0.033 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 91 Resp: 1270772
Ion Ratio Lower Upper
91 100
106 35.2 28.6 43.0





#59

m/p-Xylene

Concen: 9.748 ppbv

RT: 9.535 min Scan# 29

Delta R.T. -0.033 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

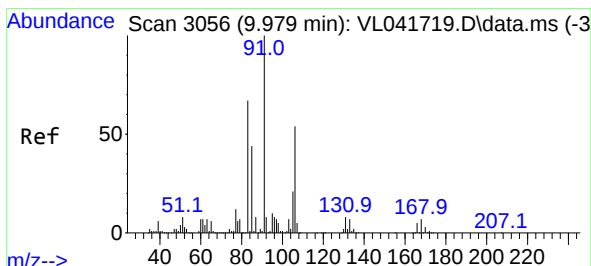
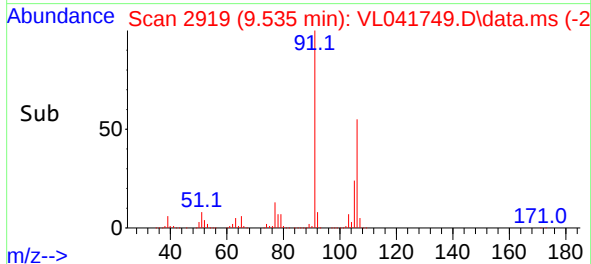
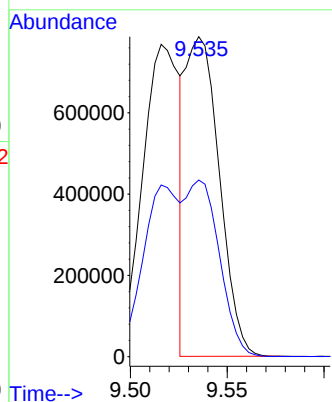
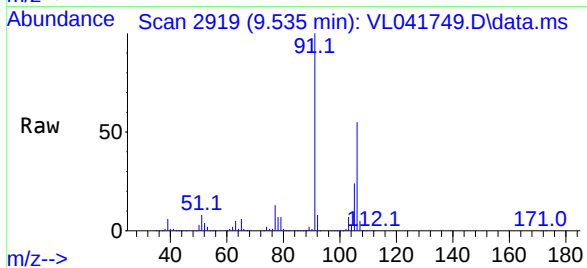
ClientSampleId :

Tgt Ion: 91 Resp: 952002

Ion Ratio Lower Upper

91 100

106 114.2 45.1 67.7#



#60

o-Xylene

Concen: 10.391 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. -0.029 min

Lab File: VL041749.D

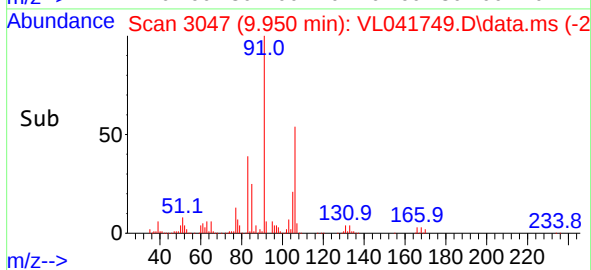
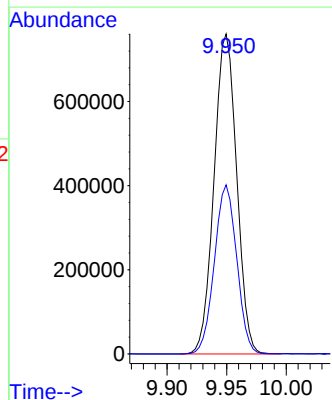
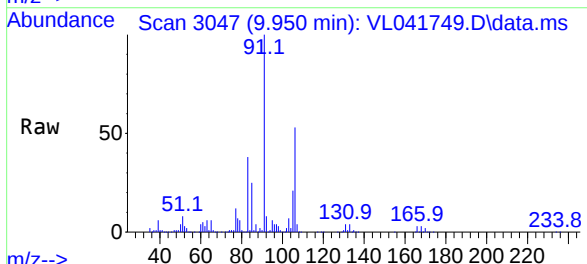
Acq: 12 Dec 2024 13:41

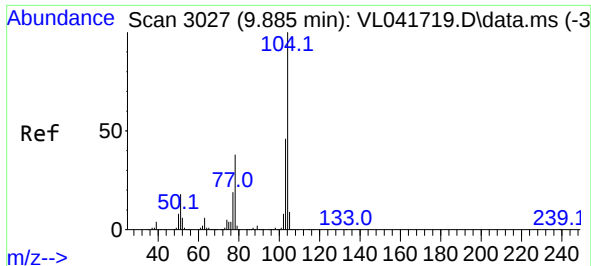
Tgt Ion: 91 Resp: 1005993

Ion Ratio Lower Upper

91 100

106 52.2 26.8 80.4

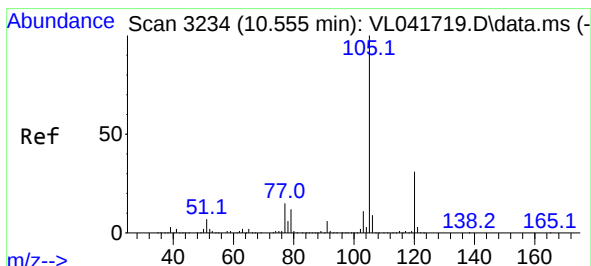
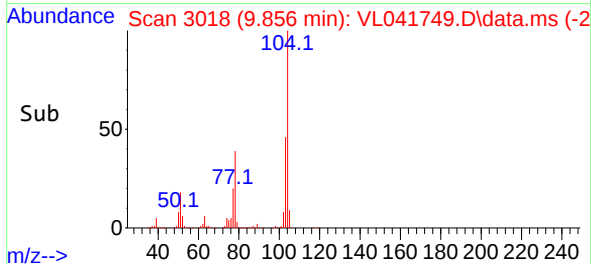
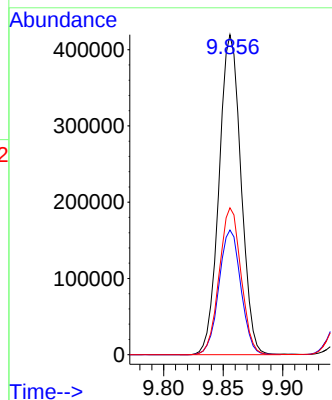
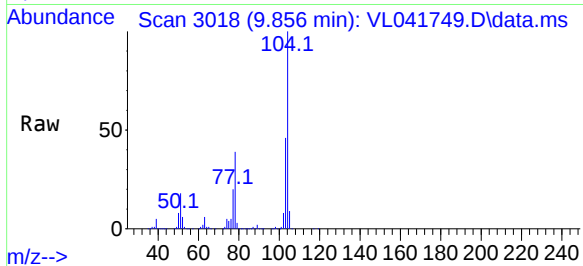




#61
Styrene
Concen: 10.037 ppbv
RT: 9.856 min Scan# 3027
Delta R.T. -0.029 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

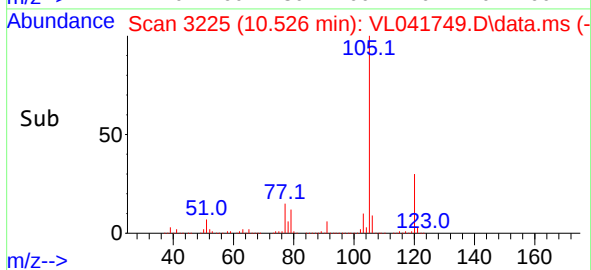
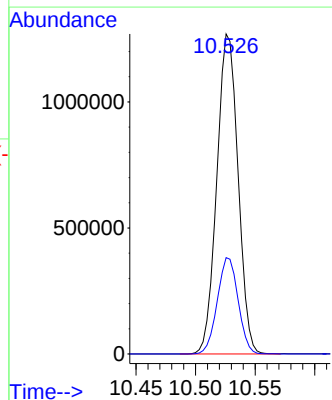
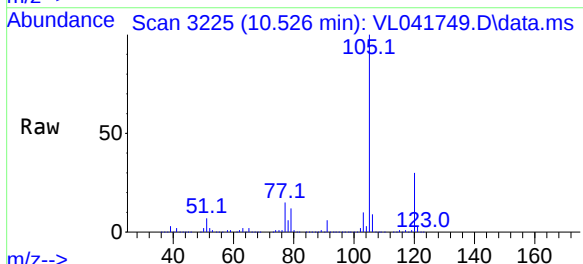
Instrument :
MSVOA_L
ClientSampleId :

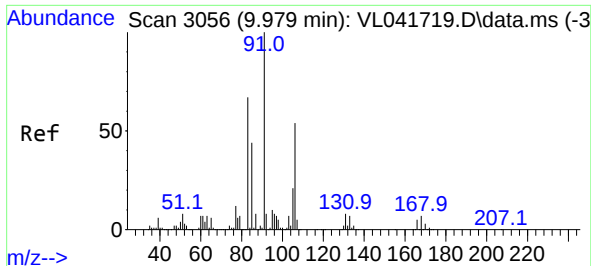
Tgt Ion:104 Resp: 536392
Ion Ratio Lower Upper
104 100
78 39.1 30.2 45.4
103 45.6 36.7 55.1



#62
Isopropylbenzene
Concen: 9.824 ppbv
RT: 10.526 min Scan# 3225
Delta R.T. -0.029 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion:105 Resp: 1569057
Ion Ratio Lower Upper
105 100
120 29.5 24.3 36.5

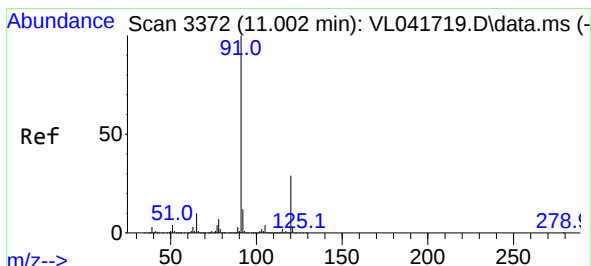
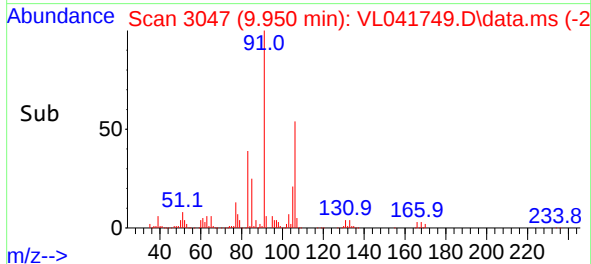
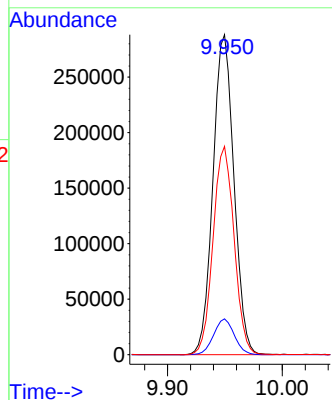
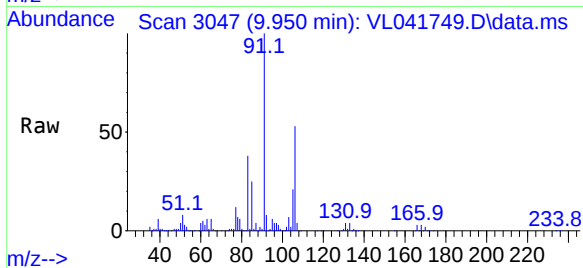




#63
1,1,2,2-Tetrachloroethane
Concen: 5.847 ppbv
RT: 9.950 min Scan# 3056
Delta R.T. -0.029 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

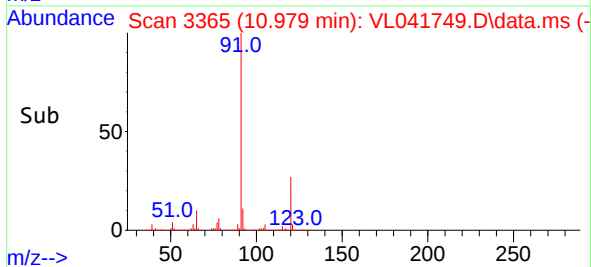
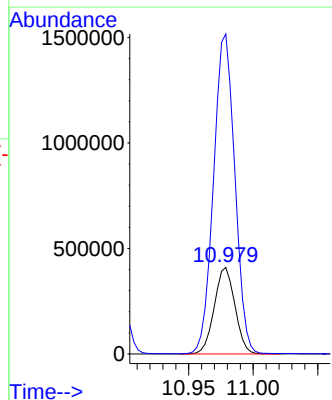
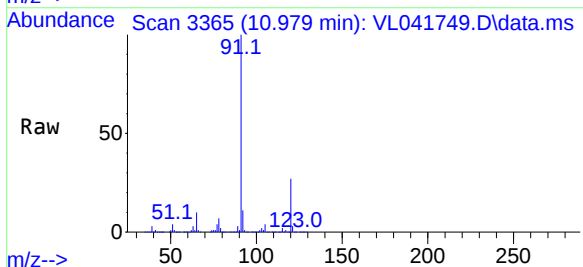
Instrument :
MSVOA_L
ClientSampleId :

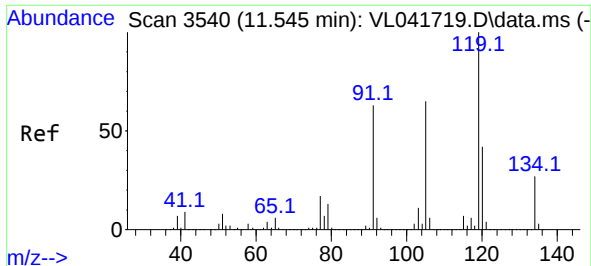
Tgt Ion: 83 Resp: 366254
Ion Ratio Lower Upper
83 100
131 11.0 5.9 17.6
85 65.4 32.8 98.4



#64
n-propylbenzene
Concen: 9.688 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion:120 Resp: 455568
Ion Ratio Lower Upper
120 100
91 383.1 290.8 436.2

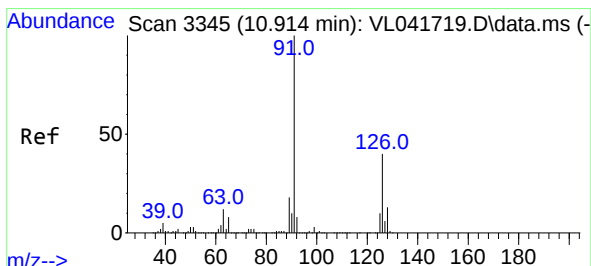
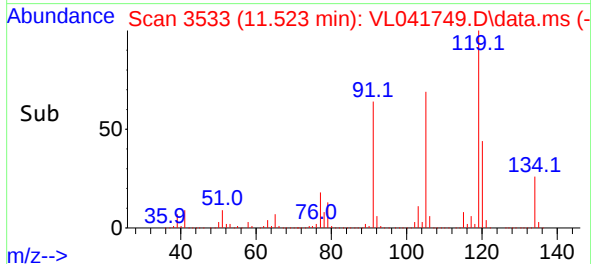
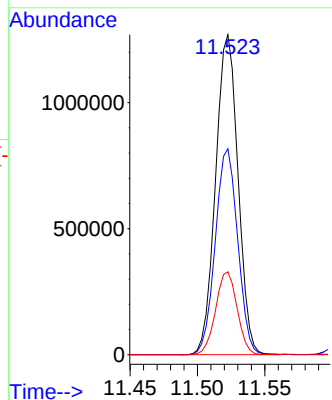
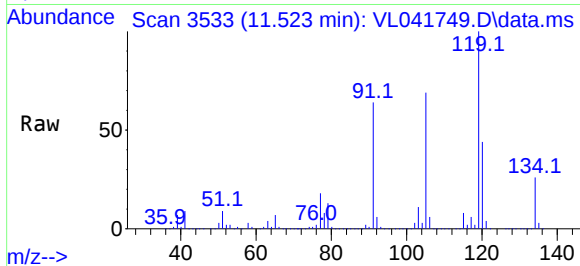




#65
tert-Butylbenzene
Concen: 9.704 ppbv
RT: 11.523 min Scan# 311
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

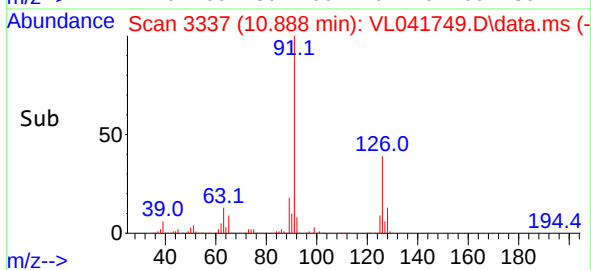
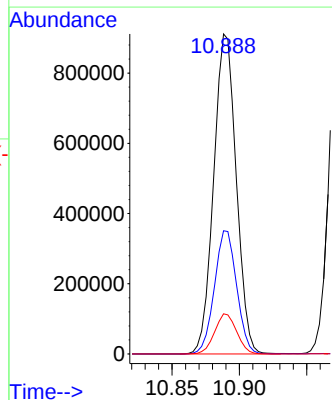
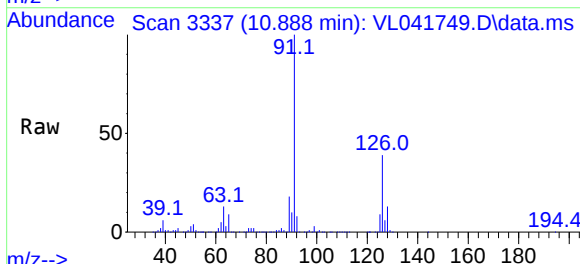
Instrument :
MSVOA_L
ClientSampleId :

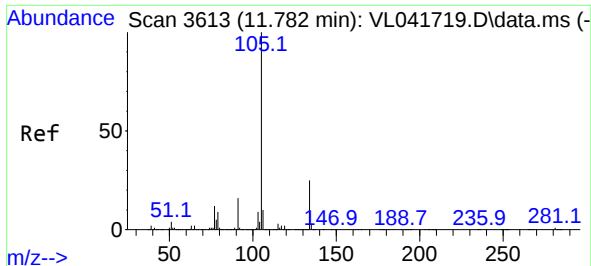
Tgt Ion:119 Resp: 1469192
Ion Ratio Lower Upper
119 100
91 64.4 50.2 75.4
134 24.9 20.4 30.6



#66
Benzyl Chloride
Concen: 9.785 ppbv
RT: 10.888 min Scan# 3337
Delta R.T. -0.026 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 91 Resp: 1062373
Ion Ratio Lower Upper
91 100
126 37.9 31.8 47.8
128 12.2 10.3 15.5

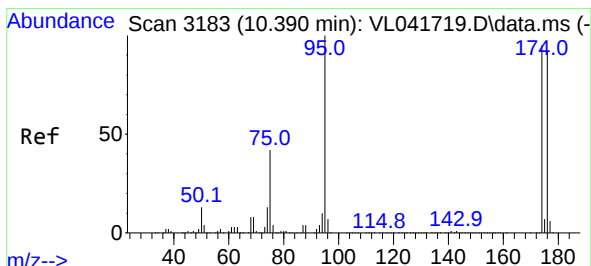
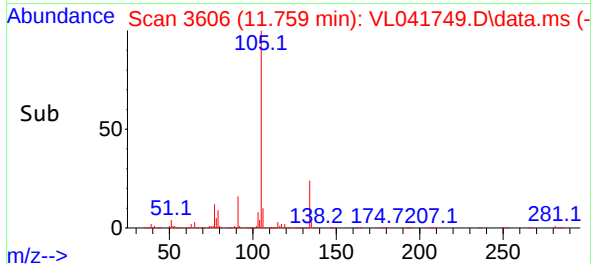
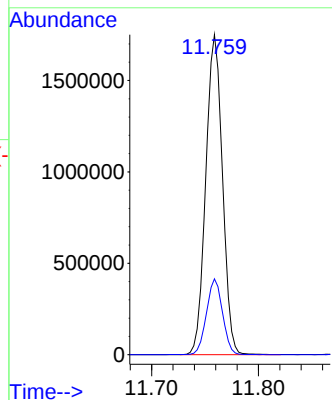
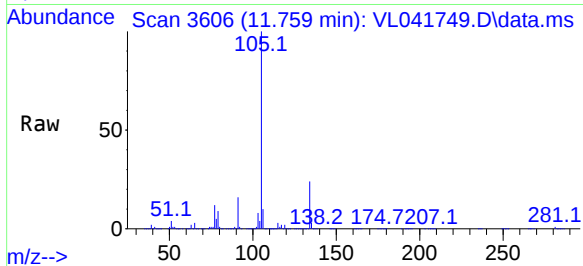




#67
 sec-Butylbenzene
 Concen: 9.698 ppbv
 RT: 11.759 min Scan# 3175
 Delta R.T. -0.023 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

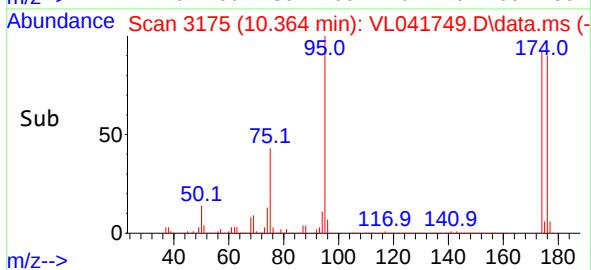
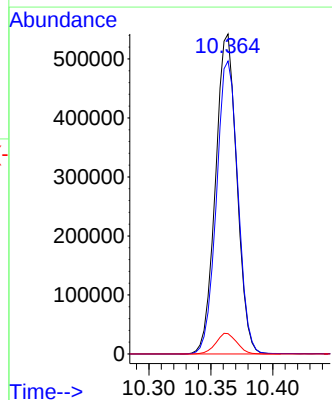
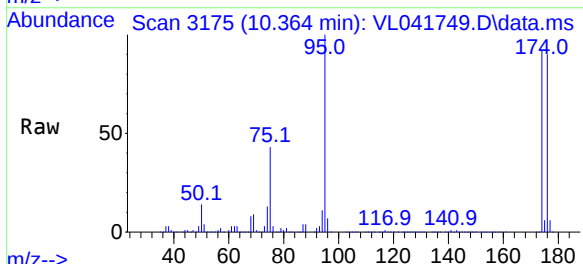
Instrument :
 MSVOA_L
 ClientSampleId :

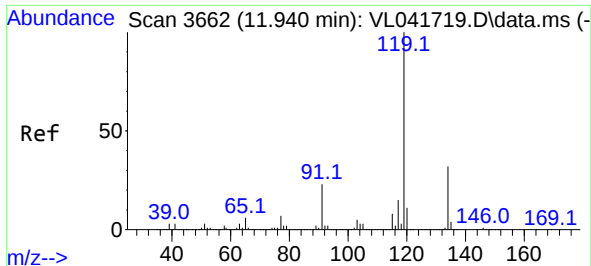
Tgt Ion:105 Resp: 1900603
 Ion Ratio Lower Upper
 105 100
 134 22.8 19.3 28.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.397 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. -0.026 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

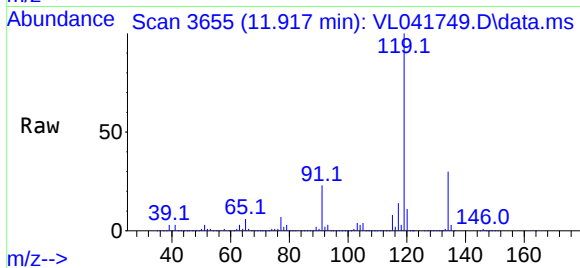
Tgt Ion: 95 Resp: 650861
 Ion Ratio Lower Upper
 95 100
 174 92.3 76.7 115.1
 175 6.3 5.4 8.2



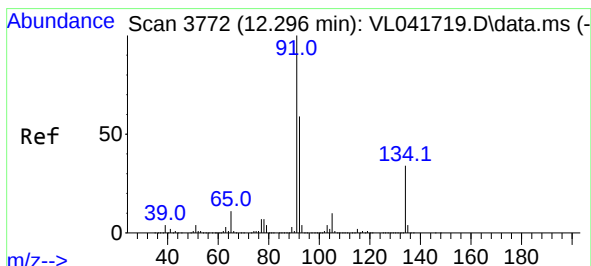
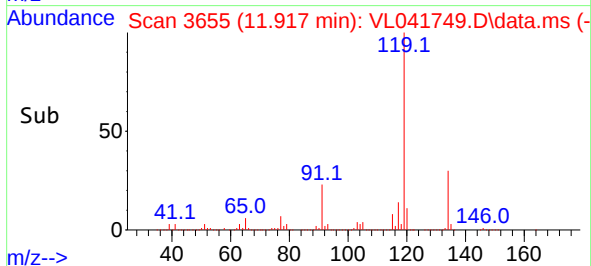
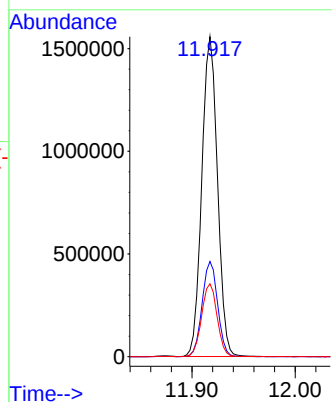


#69
p-Isopropyltoluene
Concen: 9.709 ppbv
RT: 11.917 min Scan# 30
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

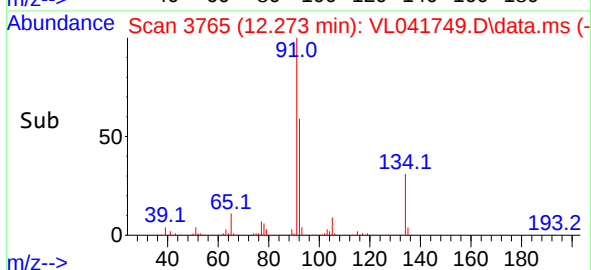
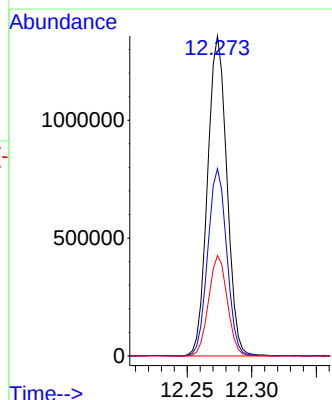
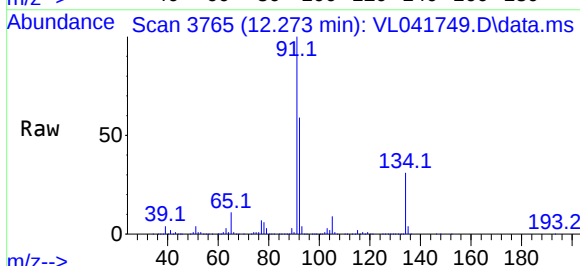


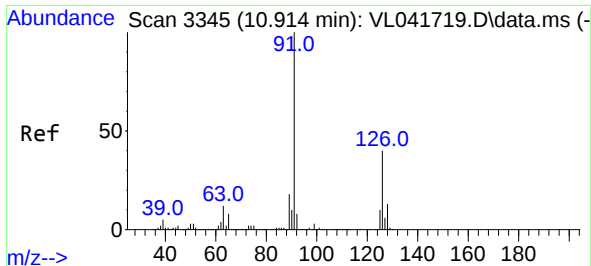
Tgt Ion:119 Resp: 1641222
Ion Ratio Lower Upper
119 100
134 29.5 24.6 36.8
91 22.8 17.8 26.8



#70
n-Butylbenzene
Concen: 10.066 ppbv
RT: 12.273 min Scan# 3765
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion: 91 Resp: 1412077
Ion Ratio Lower Upper
91 100
92 58.0 46.7 70.1
134 30.5 26.2 39.4

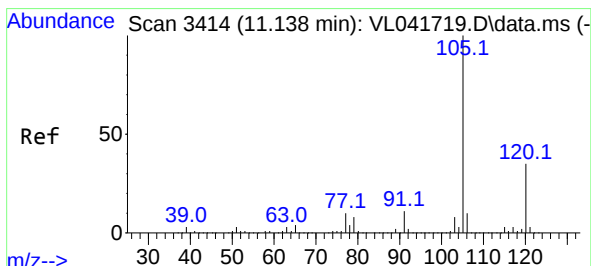
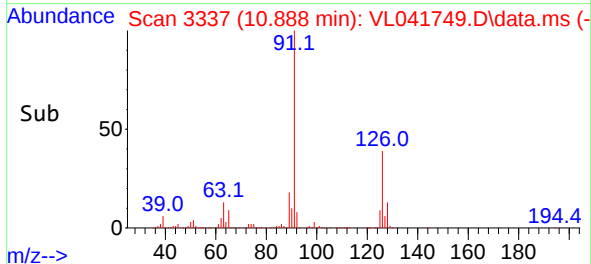
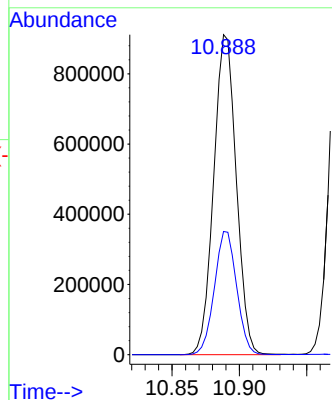
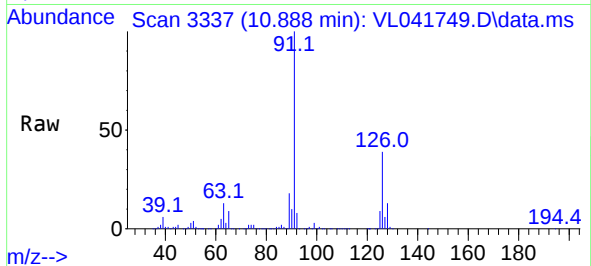




#71
2-Chlorotoluene
Concen: 9.785 ppbv
RT: 10.888 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

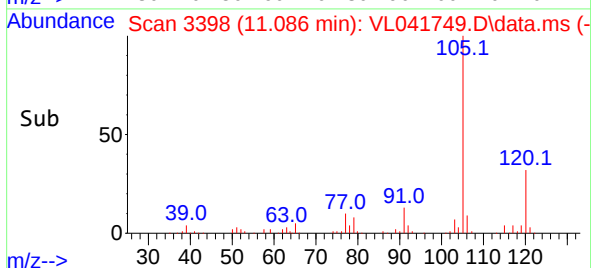
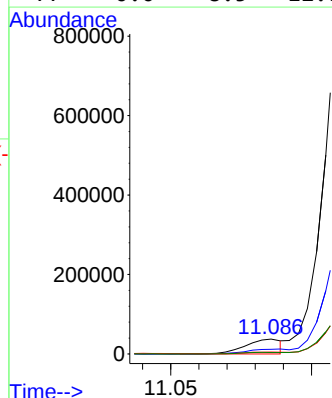
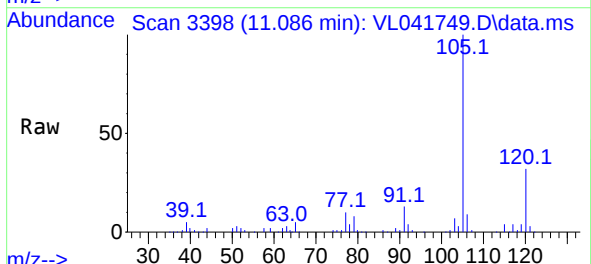
Instrument :
MSVOA_L
ClientSampleId :

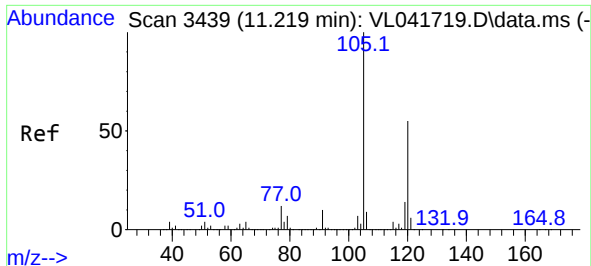
Tgt Ion: 91 Resp: 1062373
Ion Ratio Lower Upper
91 100
126 37.9 15.9 63.7



#72
4-Ethyltoluene
Concen: 0.265 ppbv
RT: 11.086 min Scan# 3398
Delta R.T. -0.052 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

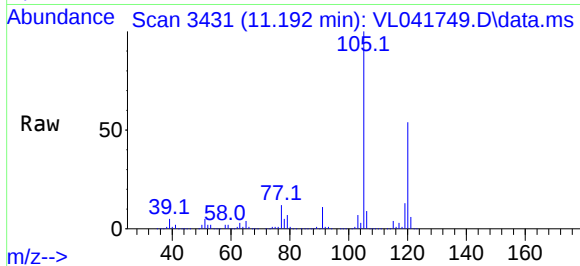
Tgt Ion:105 Resp: 33080
Ion Ratio Lower Upper
105 100
120 0.0 28.0 42.0#
91 0.0 8.8 13.2#
77 0.0 8.5 12.7#



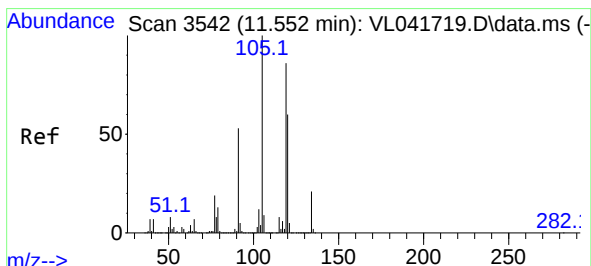
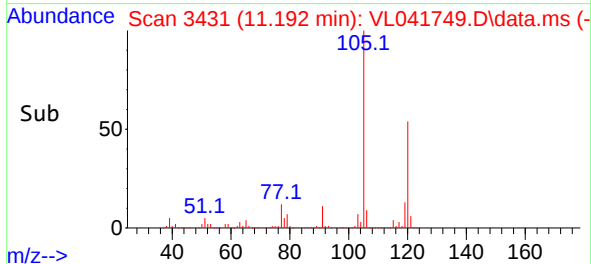
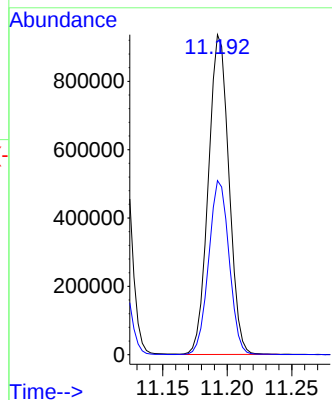


#73
1,3,5-Trimethylbenzene
Concen: 10.233 ppbv
RT: 11.192 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

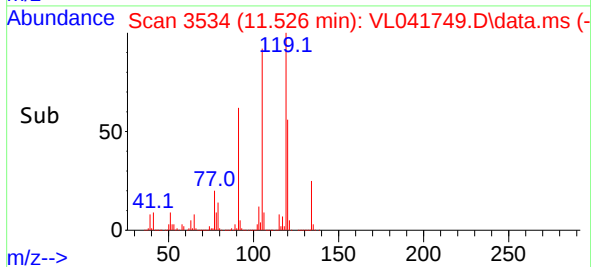
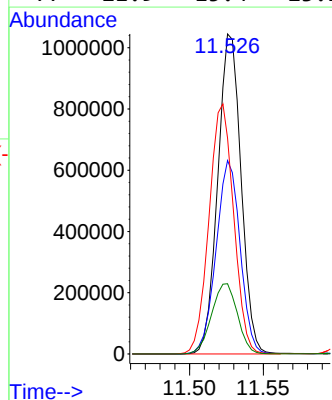
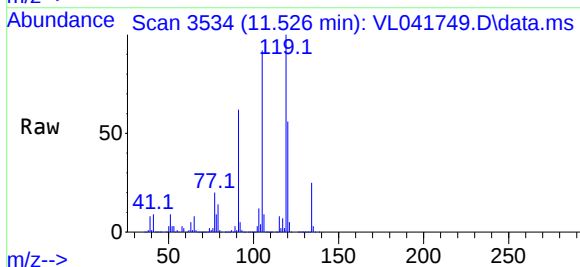


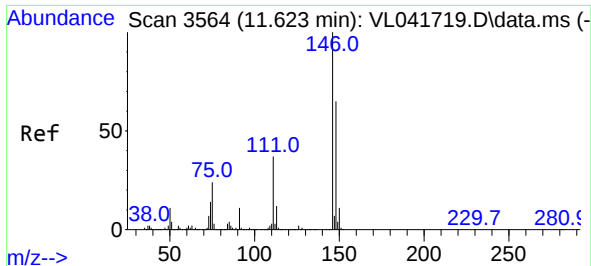
Tgt Ion:105 Resp: 1034968
Ion Ratio Lower Upper
105 100
120 54.4 43.6 65.4



#74
1,2,4-Trimethylbenzene
Concen: 10.430 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.026 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Tgt Ion:105 Resp: 1146729
Ion Ratio Lower Upper
105 100
120 60.5 47.8 71.6
91 67.4 42.5 63.7#
77 21.9 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 9.306 ppbv

RT: 11.597 min Scan# 3556

Delta R.T. -0.026 min

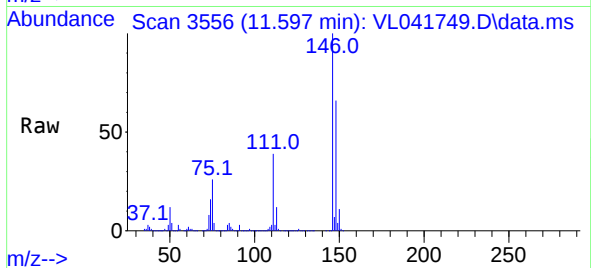
Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :



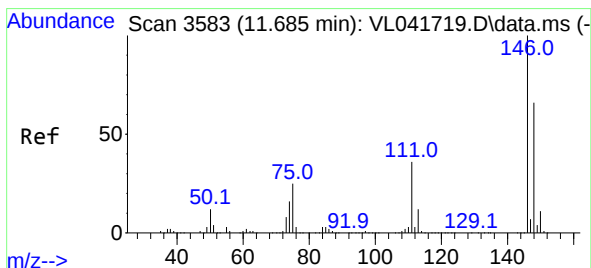
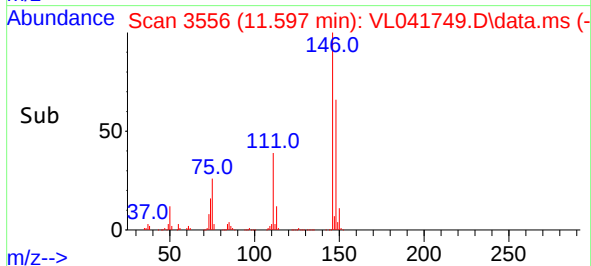
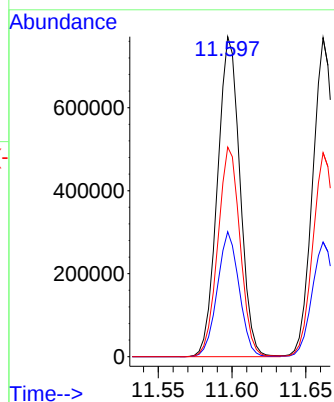
Tgt Ion:146 Resp: 817637

Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.2

148 64.9 32.4 97.2



#76

1,4-Dichlorobenzene

Concen: 9.318 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. -0.023 min

Lab File: VL041749.D

Acq: 12 Dec 2024 13:41

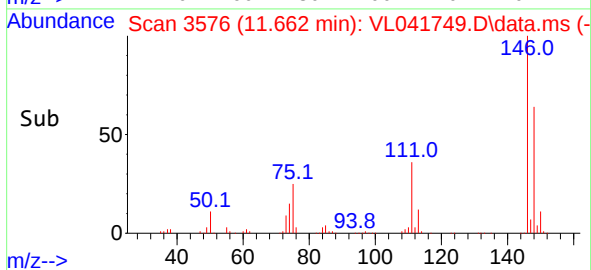
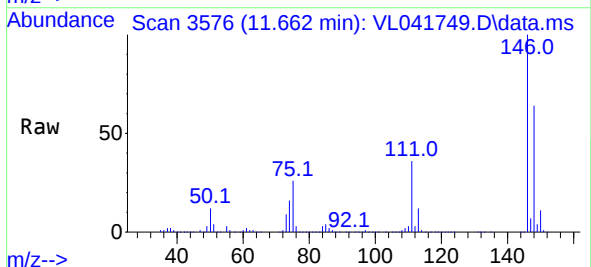
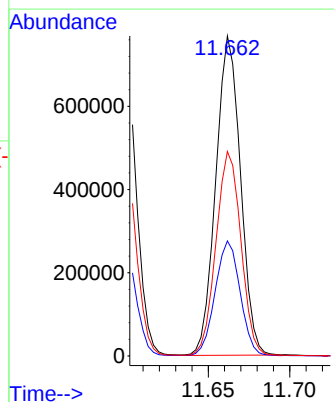
Tgt Ion:146 Resp: 808663

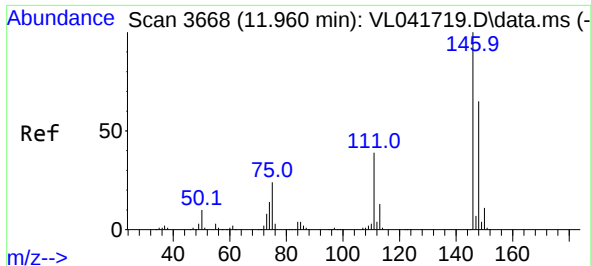
Ion Ratio Lower Upper

146 100

111 36.6 17.8 53.4

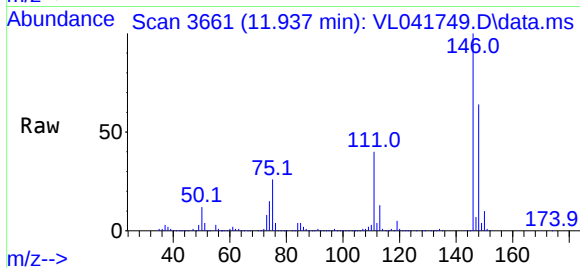
148 65.1 32.4 97.2



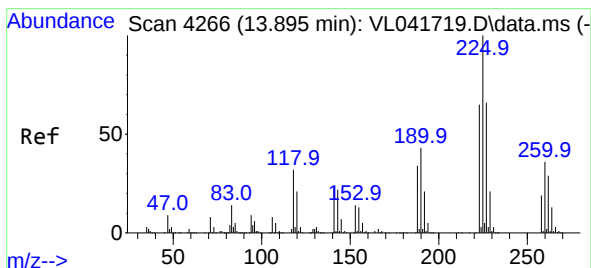
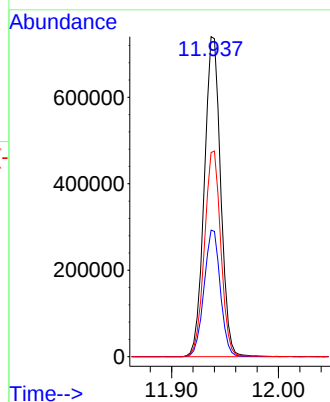
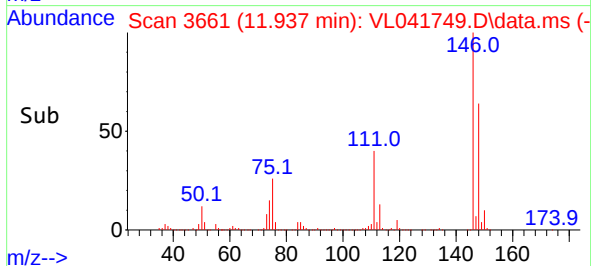


#77
1,2-Dichlorobenzene
Concen: 9.442 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.023 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

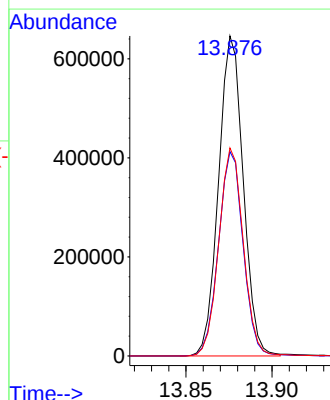
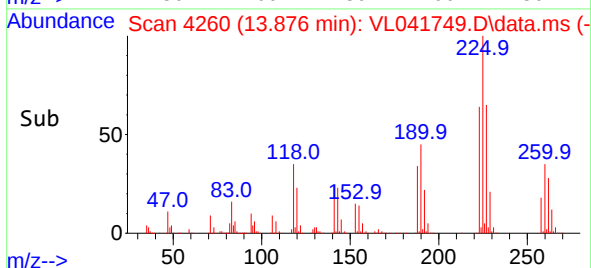
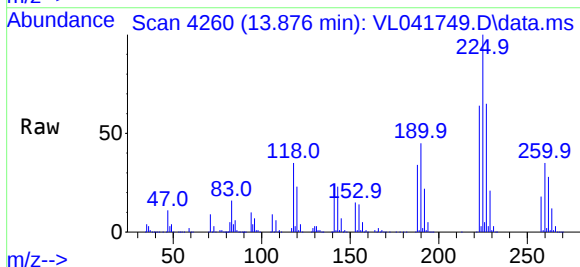


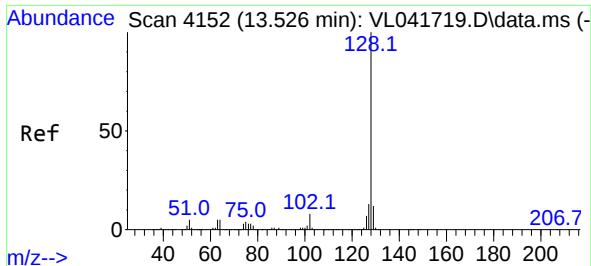
Tgt Ion:146 Resp: 785578
Ion Ratio Lower Upper
146 100
111 39.6 19.2 57.6
148 64.5 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 9.414 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.020 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

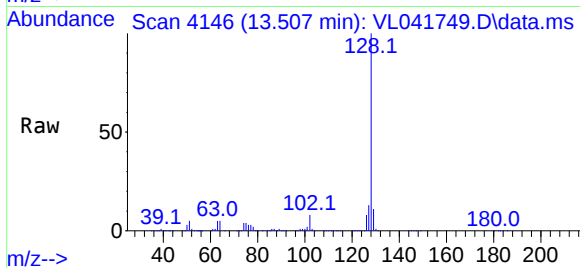
Tgt Ion:225 Resp: 643798
Ion Ratio Lower Upper
225 100
223 64.0 51.1 76.7
227 64.8 51.8 77.6



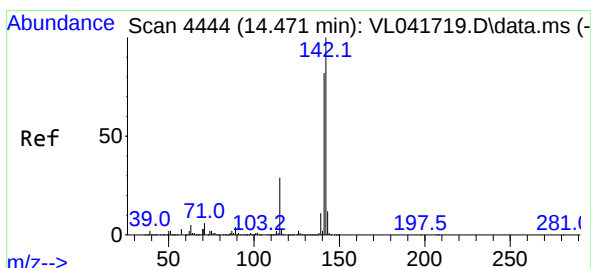
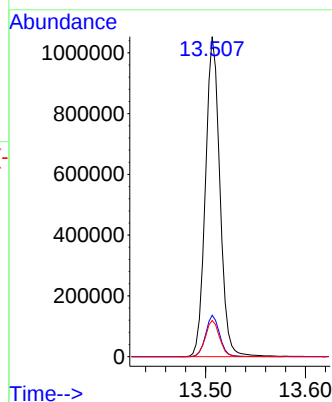
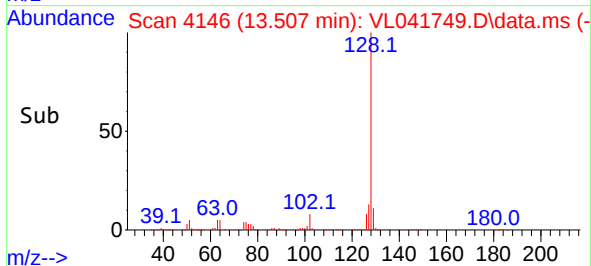


#79
Naphthalene
Concen: 11.227 ppbv
RT: 13.507 min Scan# 4152
Delta R.T. -0.020 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41

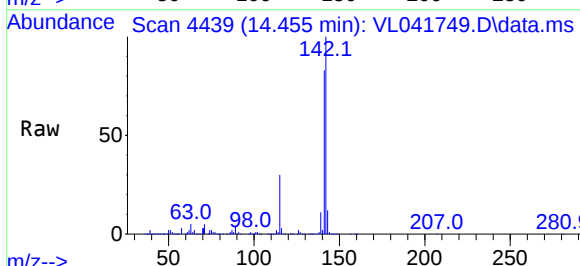
Instrument :
MSVOA_L
ClientSampleId :



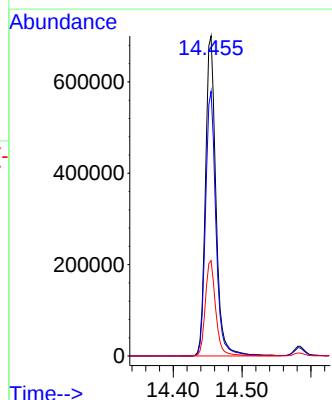
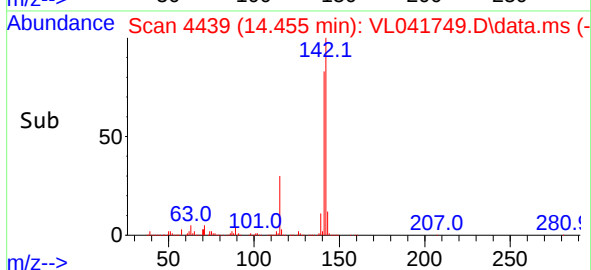
Tgt Ion:128 Resp: 1056586
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.3 9.4 14.0

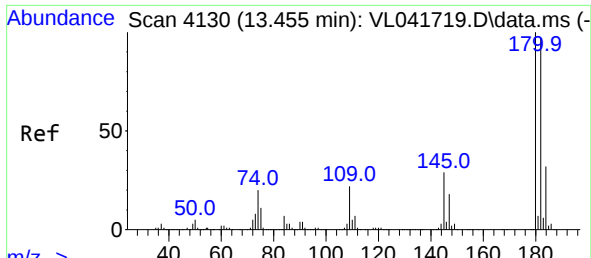


#80
Naphthalene,2-methyl-
Concen: 21.548 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.016 min
Lab File: VL041749.D
Acq: 12 Dec 2024 13:41



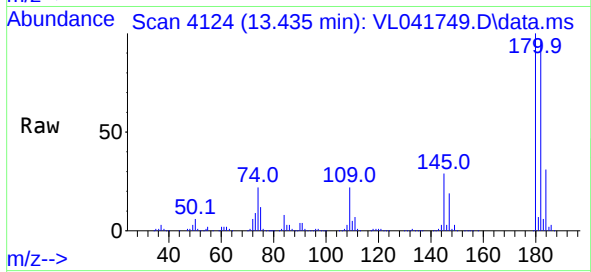
Tgt Ion:142 Resp: 733691
Ion Ratio Lower Upper
142 100
141 82.9 66.0 99.0
115 30.1 22.8 34.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.519 ppbv
 RT: 13.435 min Scan# 41
 Delta R.T. -0.020 min
 Lab File: VL041749.D
 Acq: 12 Dec 2024 13:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 623282

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.2	115.8
184	31.2	25.2	37.8

