

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040794.D
 Acq On : 25 Oct 2023 9:40
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Oct 26 03:50:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	921221	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2598637	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.449	117	3159379	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1977991	8.508	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.100%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.739	85	1546199	9.531	ppbv	100
3) Chlorodifluoromethane	2.684	51	1516847	11.204	ppbv	98
4) Chloromethane	2.822	50	553928	10.362	ppbv	98
5) Vinyl Chloride	2.928	62	576754	10.441	ppbv	96
6) Bromomethane	3.124	94	256602	11.229	ppbv	99
7) Chloroethane	3.202	64	188129	10.462	ppbv	99
8) Dichlorotetrafluoroethane	2.867	85	1360918	11.066	ppbv	96
9) Propene	2.706	41	527922	10.498	ppbv	100
10) Heptane	7.565	43	1335609	10.573	ppbv	100
11) Trichlorofluoromethane	3.565	101	1442326	11.520	ppbv	100
12) 1,1,2-Trichlorotrifluoro...	4.067	101	1035517	11.596	ppbv	100
13) Ethanol	3.247	45	106335	9.368	ppbv	97
14) Bromoethene	3.369	108	435556	11.389	ppbv	99
15) Acetone	3.472	43	998713	10.487	ppbv	99
16) 1,3-Butadiene	2.993	39	547128	10.951	ppbv	100
17) tert-Butyl alcohol	3.877	59	968915	9.922	ppbv	99
18) 1,1-Dichloroethene	3.880	96	455993	11.393	ppbv	98
19) Isopropyl Alcohol	3.578	45	701791	11.447	ppbv	100
20) Methylene Chloride	3.935	84	380591	9.594	ppbv	98
21) Allyl Chloride	3.996	41	705791	11.237	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	499859	11.734	ppbv	96
23) Vinyl Acetate	4.623	43	1211020	9.978	ppbv	100
24) 1,1-Dichloroethane	4.562	63	994170	10.860	ppbv	99
25) Ethyl Acetate	5.198	43	2134755	10.231	ppbv	99
26) Hexane	5.208	57	928175	9.733	ppbv	97
27) Carbon Disulfide	4.124	76	1205008	11.452	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	722411	9.741	ppbv	100
29) Chloroform	5.269	83	1541485	11.171	ppbv	96
30) Cyclohexane	6.594	84	869415	10.713	ppbv	97
31) cis-1,2-Dichloroethene	5.073	61	793269	9.026	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	1608131	10.949	ppbv	99
34) 2-Butanone	4.780	43	1113632	9.468	ppbv	99
35) Carbon Tetrachloride	6.484	117	1705046	11.690	ppbv	96
36) Benzene	6.359	78	2110119	10.557	ppbv	100
37) 1,2-Dichloroethane	5.800	62	1231712	12.032	ppbv	98
38) Trichloroethene	7.279	130	860357	9.726	ppbv	98
39) 1,2-Dichloropropane	7.060	63	830131	10.630	ppbv	97
40) 1,4-Dioxane	7.272	88	330264	11.176	ppbv #	99
41) Tetrahydrofuran	5.549	42	866162	10.634	ppbv	99
42) Bromodichloromethane	7.237	83	1803564	11.761	ppbv	98
43) Methyl Methacrylate	7.462	69	877760	10.970	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	3460289	10.237	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	751306	11.776	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040794.D
 Acq On : 25 Oct 2023 9:40
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

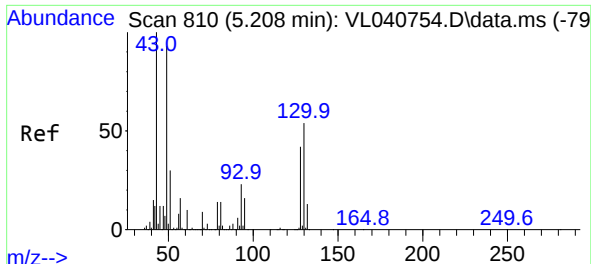
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	874045	11.213	ppbv	100
47) 1,1,2-Trichloroethane	8.883	97	887683	10.822	ppbv	98
48) Dibromochloromethane	9.693	129	1595482	11.606	ppbv	100
49) Bromoform	12.388	173	1270877	11.373	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2211562	10.991	ppbv	98
51) 2-Hexanone	9.533	43	1654359	10.803	ppbv #	100
52) Tetrachloroethene	10.594	164	762470	9.391	ppbv	96
53) Toluene	9.205	91	2468816	10.378	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1331528	11.579	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.491	131	1128183	8.750	ppbv #	93
57) Chlorobenzene	11.510	112	1910841	8.441	ppbv	99
58) Ethyl Benzene	12.069	91	3338274	8.392	ppbv	100
59) m/p-Xylene	12.346	91	728646	2.226	ppbv #	30
60) o-Xylene	13.040	91	2643742	8.475	ppbv	99
61) Styrene	12.880	104	1478701	8.555	ppbv	98
62) Isopropylbenzene	14.008	105	3963760	8.260	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.028	83	1860775	7.956	ppbv	100
64) n-propylbenzene	14.896	120	1074363	8.334	ppbv	92
65) tert-Butylbenzene	16.069	119	3487972	8.058	ppbv	97
66) Benzyl Chloride	16.307	91	311115	7.134	ppbv	96
67) sec-Butylbenzene	16.616	105	4912786	8.290	ppbv	98
69) p-Isopropyltoluene	16.973	119	4072495	8.201	ppbv	99
70) n-Butylbenzene	17.863	91	4257978	8.732	ppbv	98
71) 2-Chlorotoluene	14.780	91	3107090	8.619	ppbv	98
72) 4-Ethyltoluene	15.169	105	3200101	8.760	ppbv	98
73) 1,3,5-Trimethylbenzene	15.333	105	2756994	8.572	ppbv	97
74) 1,2,4-Trimethylbenzene	16.089	105	2958175	8.418	ppbv	98
75) 1,3-Dichlorobenzene	16.307	146	1806797	8.267	ppbv	98
76) 1,4-Dichlorobenzene	16.452	146	1778911	8.219	ppbv	98
77) 1,2-Dichlorobenzene	17.121	146	1742037	8.124	ppbv	97
78) Hexachloro-1,3-Butadiene	22.606	225	1085534	7.075	ppbv	99
79) Naphthalene	21.362	128	2730978	9.561	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	827045	10.318	ppbv	98
81) 1,2,4-Trichlorobenzene	21.114	180	1354410	8.734	ppbv	100

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

Quant Time: Oct 26 03:50:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

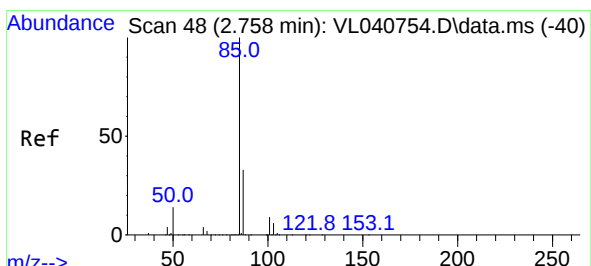
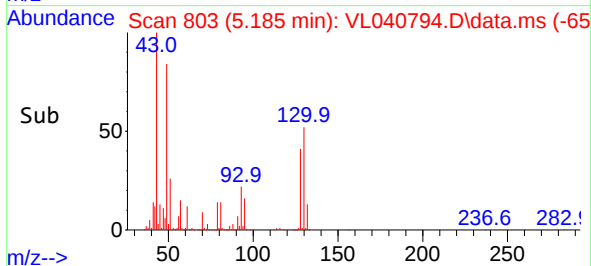
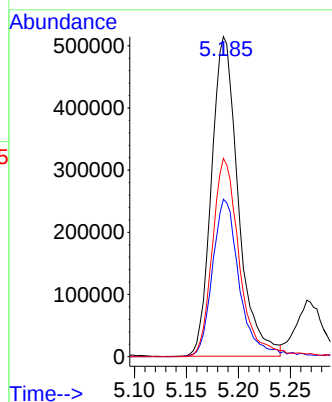
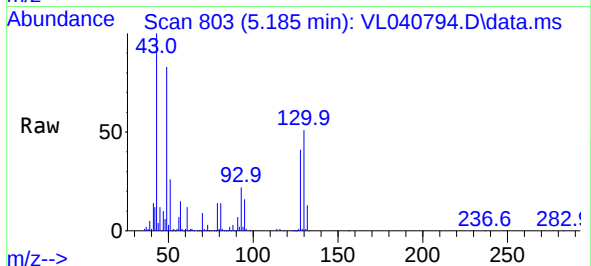




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

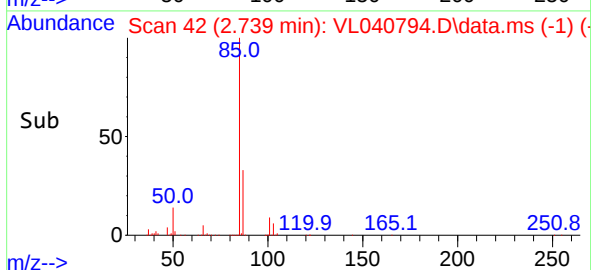
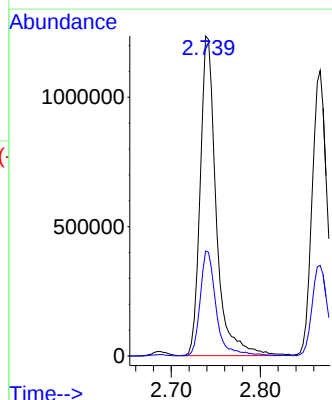
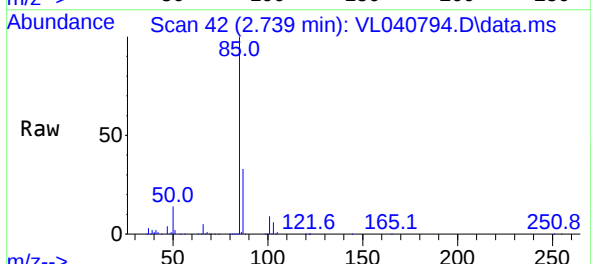
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MSVOA_L
ClientSampleId :
VSTDCCC010

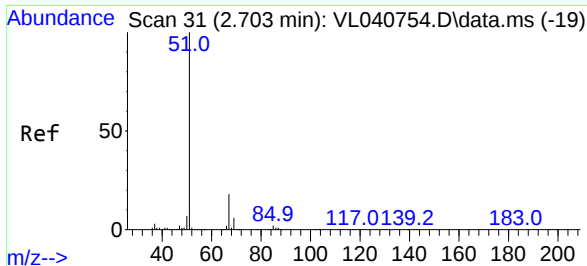
Tgt Ion: 49 Resp: 921221
Ion Ratio Lower Upper
49 100
128 50.6 23.9 71.7
130 63.7 30.7 92.1



#2
Dichlorodifluoromethane
Concen: 9.531 ppbv
RT: 2.739 min Scan# 42
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 85 Resp: 1546199
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0

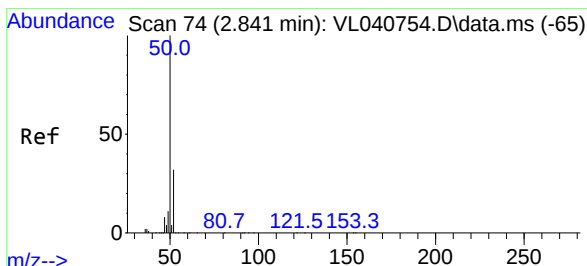
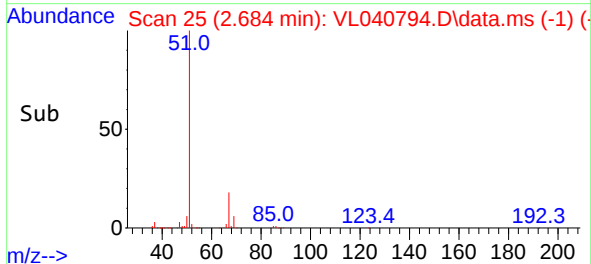
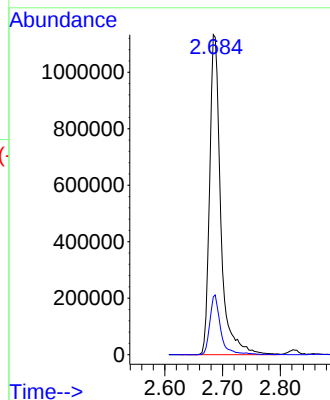
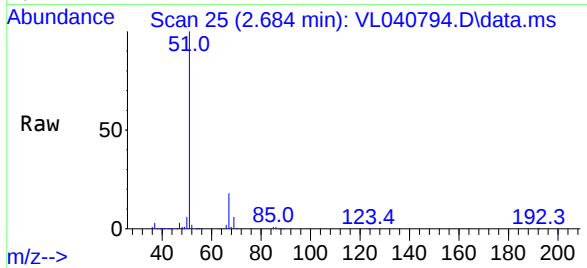




#3
Chlorodifluoromethane
Concen: 11.204 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

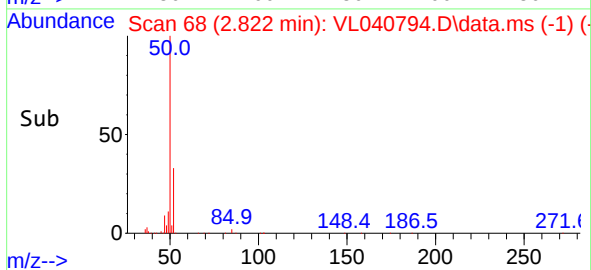
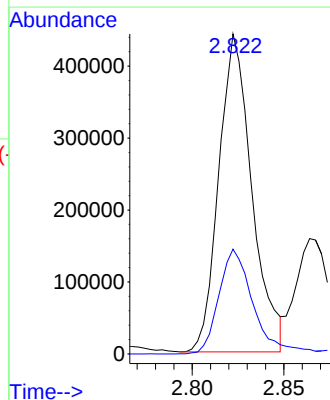
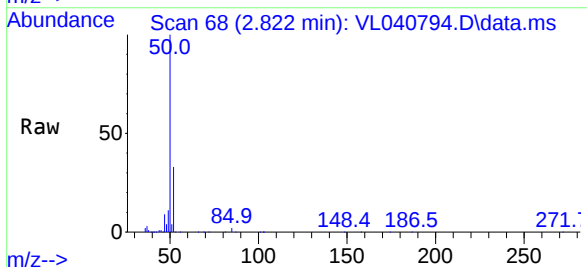
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ClientSampleId :
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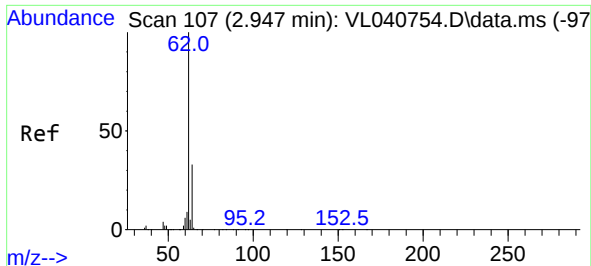
Tgt Ion: 51 Resp: 1516847
Ion Ratio Lower Upper
51 100
67 18.2 13.8 20.6



#4
Chloromethane
Concen: 10.362 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 50 Resp: 553928
Ion Ratio Lower Upper
50 100
52 32.9 25.3 37.9

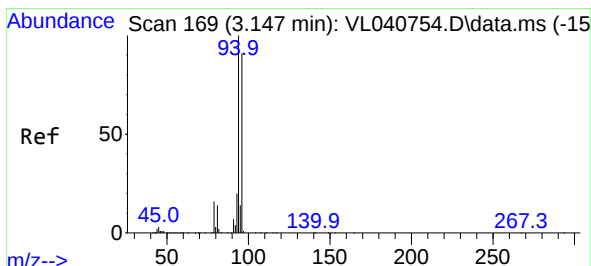
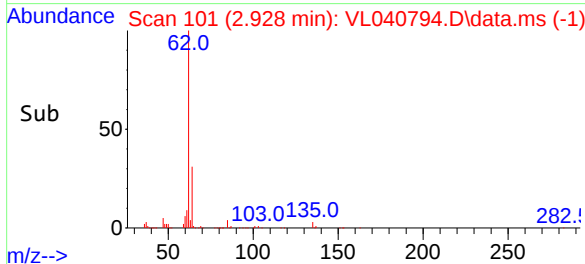
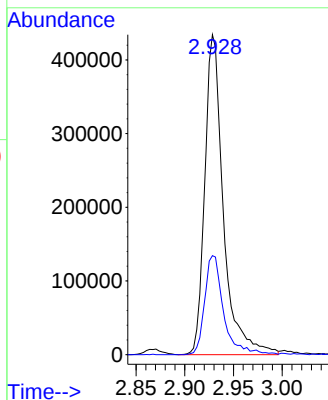
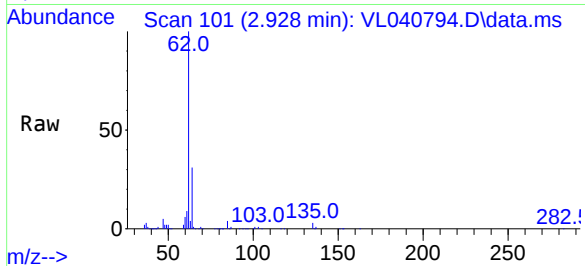




#5
 Vinyl Chloride
 Concen: 10.441 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.019 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

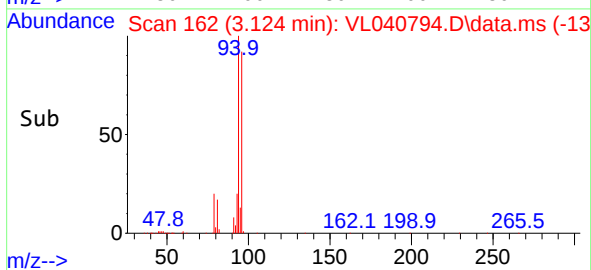
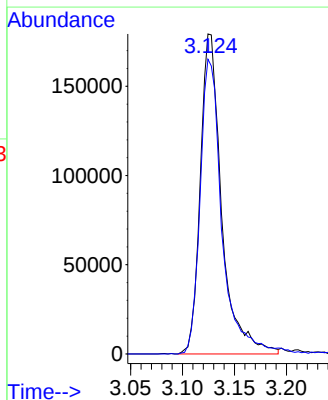
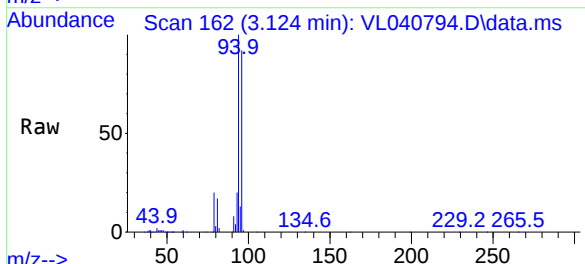
Instrument :
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 ClientSampleId :
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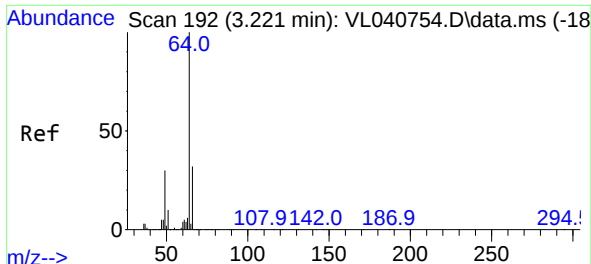
Tgt Ion: 62 Resp: 576754
 Ion Ratio Lower Upper
 62 100
 64 30.9 26.6 39.8



#6
 Bromomethane
 Concen: 11.229 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.022 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Tgt Ion: 94 Resp: 256602
 Ion Ratio Lower Upper
 94 100
 96 92.1 72.6 109.0

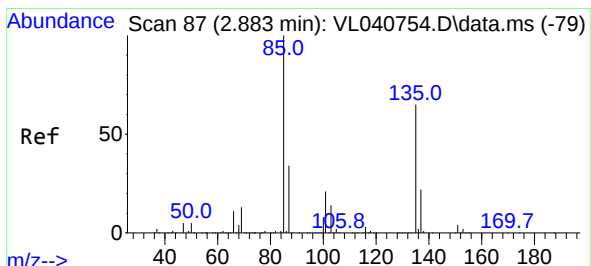
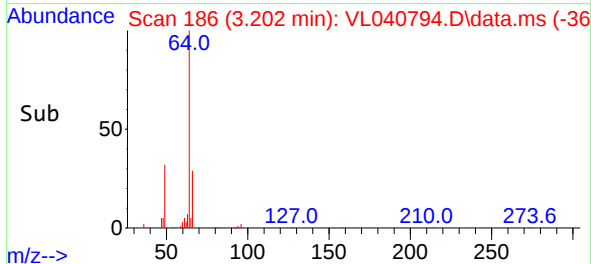
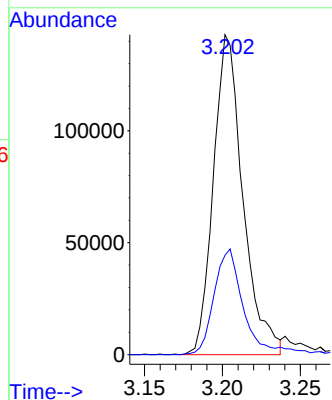
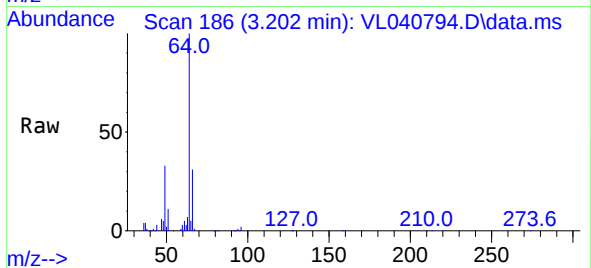




#7
Chloroethane
Concen: 10.462 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

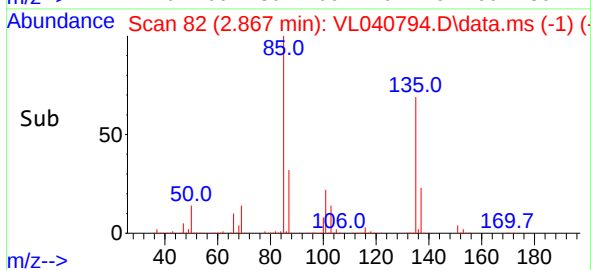
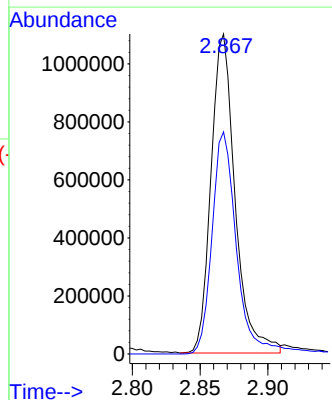
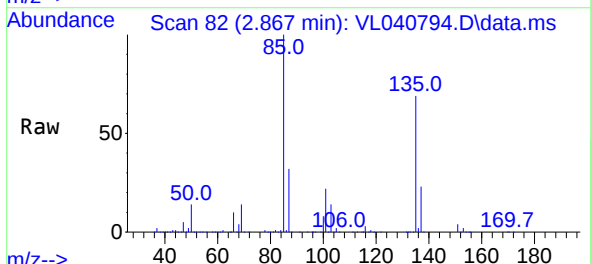
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 188129
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

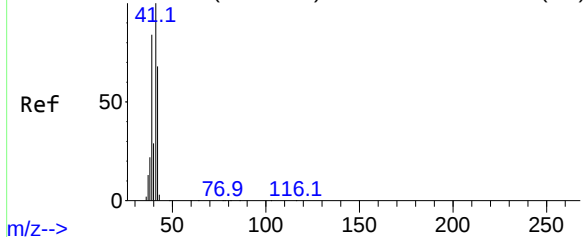


#8
Dichlorotetrafluoroethane
Concen: 11.066 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.016 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 85 Resp: 1360918
Ion Ratio Lower Upper
85 100
135 72.4 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 10.498 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

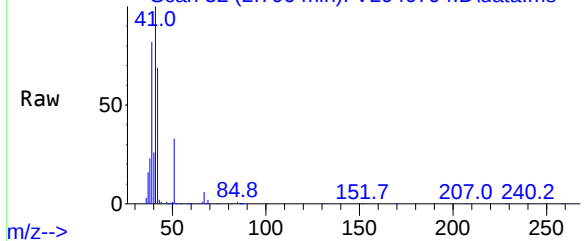
Tgt Ion: 41 Resp: 527922

Ion Ratio Lower Upper

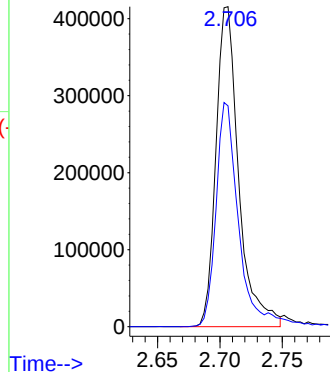
41 100

42 71.0 57.1 85.7

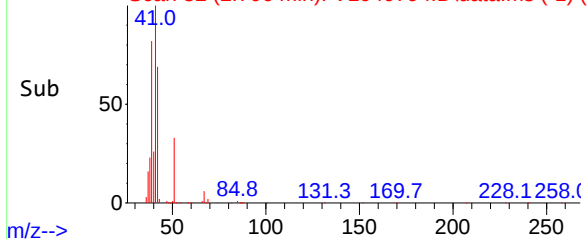
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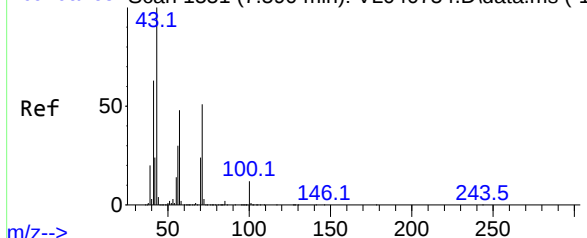
Abundance



Abundance Scan 32 (2.706 min): VL040794.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 10.573 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

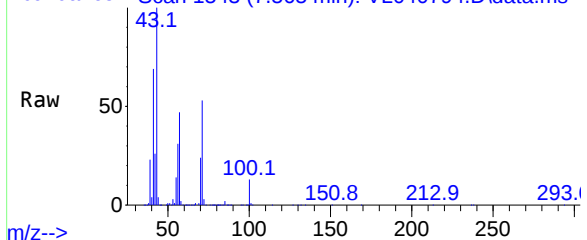
Tgt Ion: 43 Resp: 1335609

Ion Ratio Lower Upper

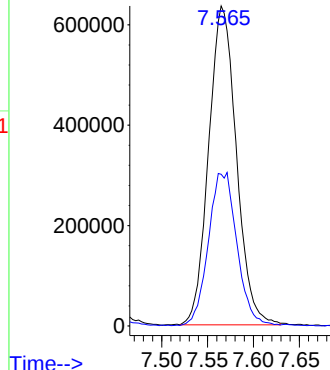
43 100

57 49.8 40.0 60.0

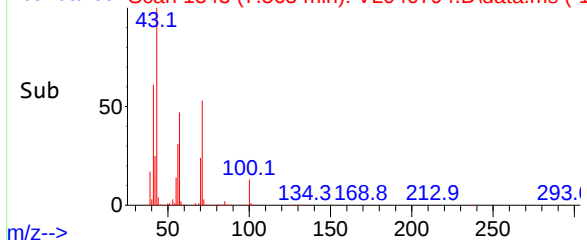
Abundance Scan 1543 (7.565 min): VL040794.D\data.ms

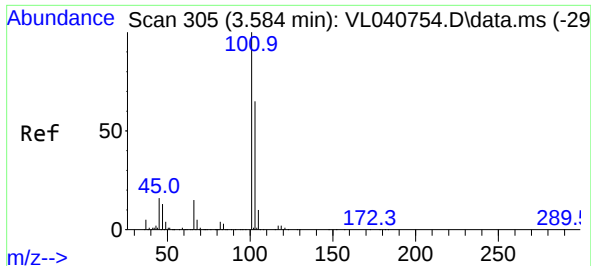


Abundance



Abundance Scan 1543 (7.565 min): VL040794.D\data.ms (-1)

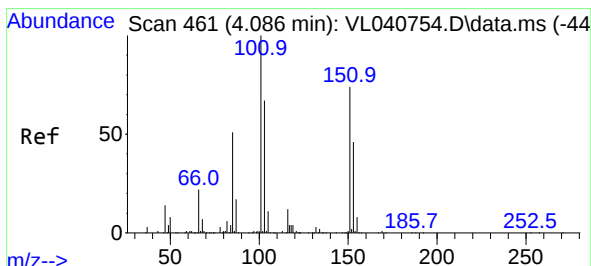
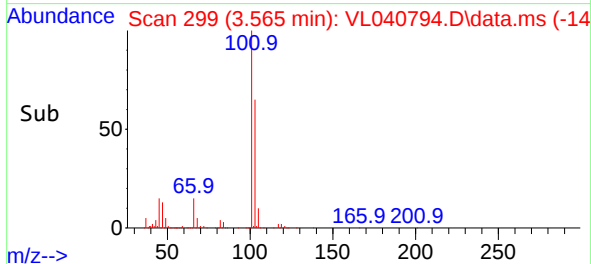
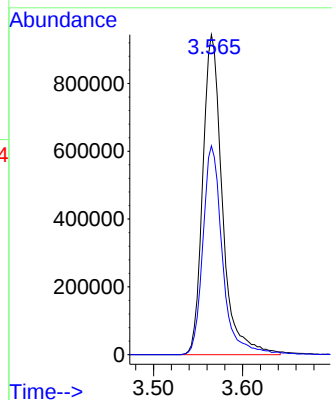
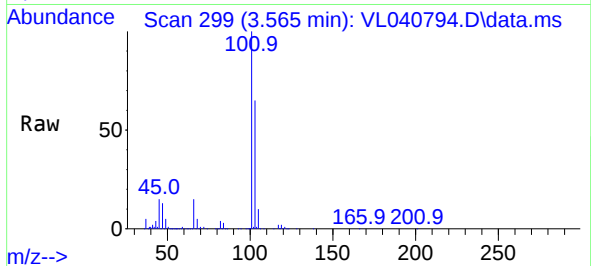




#11
 Trichlorofluoromethane
 Concen: 11.520 ppbv
 RT: 3.565 min Scan# 299
 Delta R.T. -0.019 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

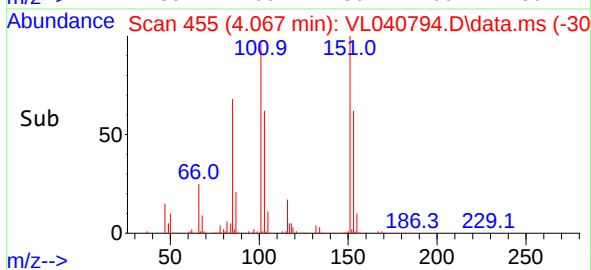
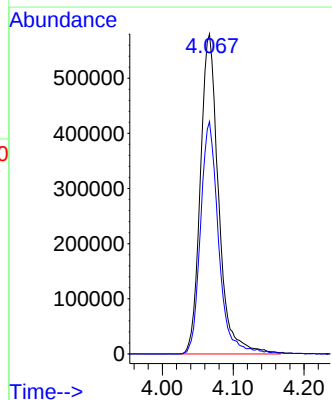
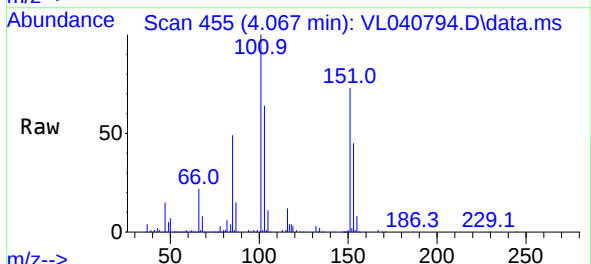
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

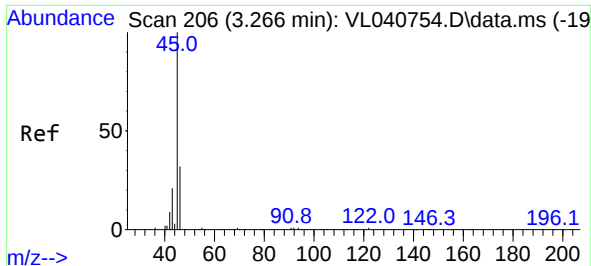
Tgt Ion:101 Resp: 1442326
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.596 ppbv
 RT: 4.067 min Scan# 455
 Delta R.T. -0.019 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Tgt Ion:101 Resp: 1035517
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.1 87.1

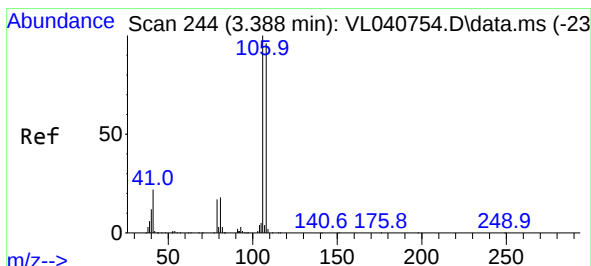
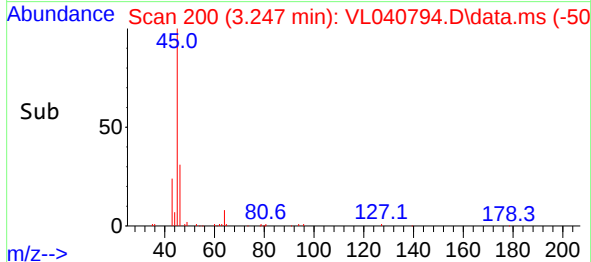
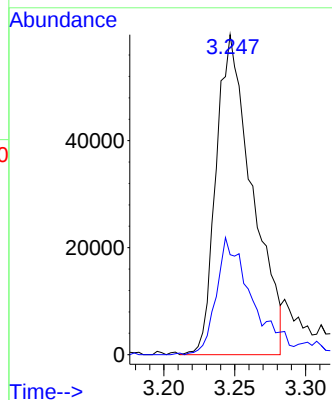
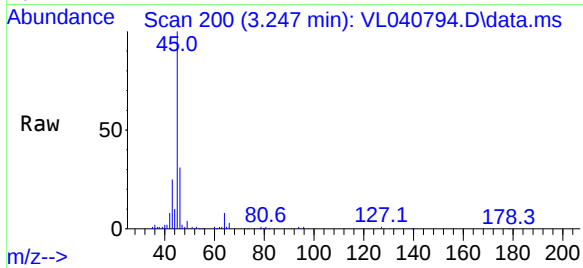




#13
Ethanol
Concen: 9.368 ppbv
RT: 3.247 min Scan# 206
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

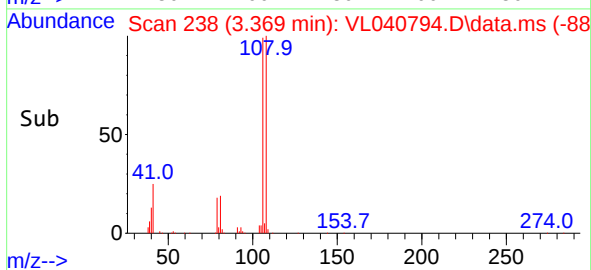
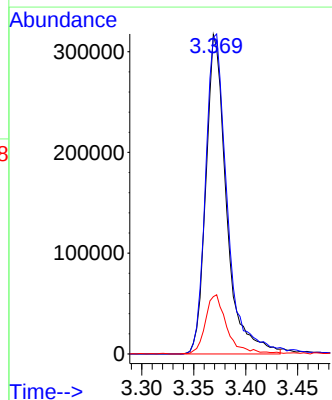
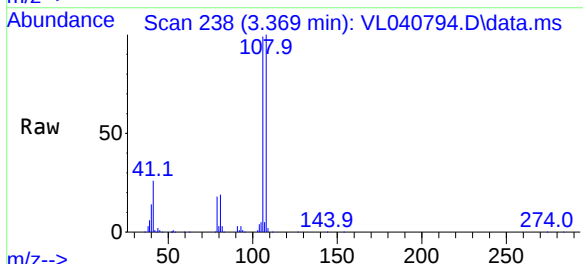
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

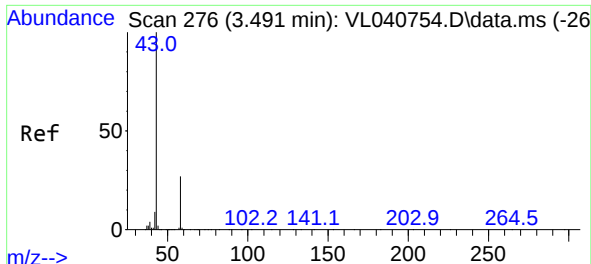
Tgt Ion: 45 Resp: 106335
Ion Ratio Lower Upper
45 100
46 38.4 14.6 58.2



#14
Bromoethene
Concen: 11.389 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:108 Resp: 435556
Ion Ratio Lower Upper
108 100
106 107.6 85.2 127.8
79 19.8 15.7 23.5

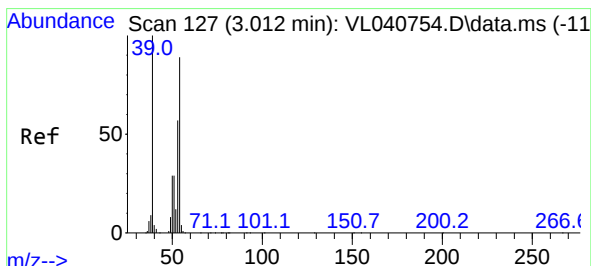
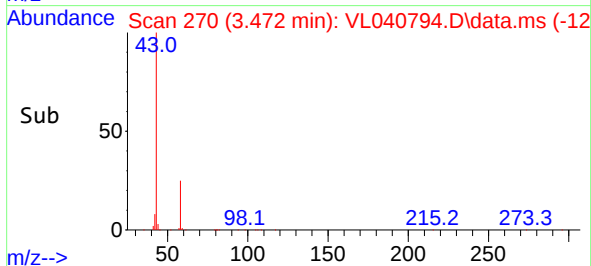
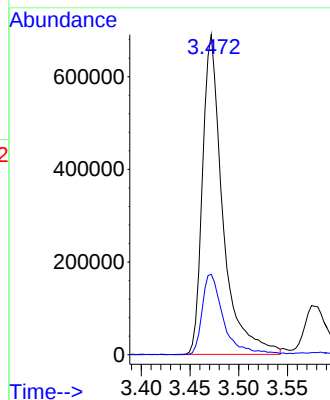
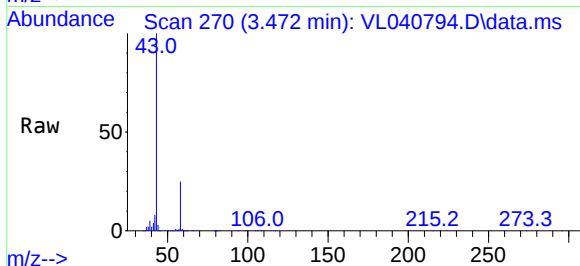




#15
Acetone
Concen: 10.487 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

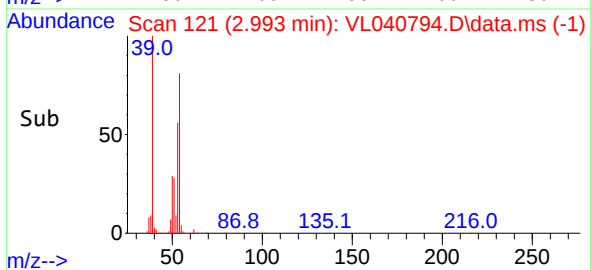
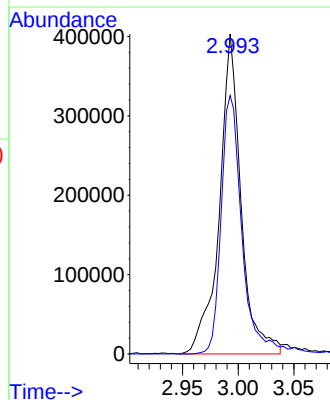
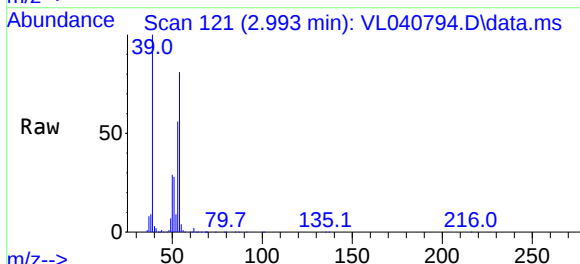
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

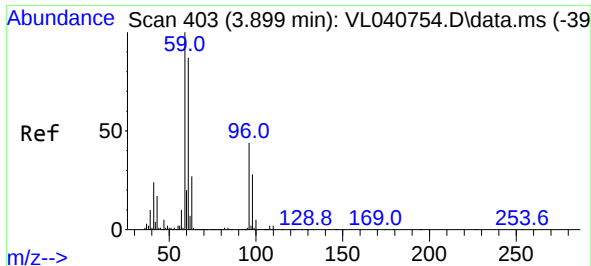
Tgt Ion: 43 Resp: 998713
Ion Ratio Lower Upper
43 100
58 26.7 21.6 32.4



#16
1,3-Butadiene
Concen: 10.951 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 39 Resp: 547128
Ion Ratio Lower Upper
39 100
54 79.0 63.0 94.6

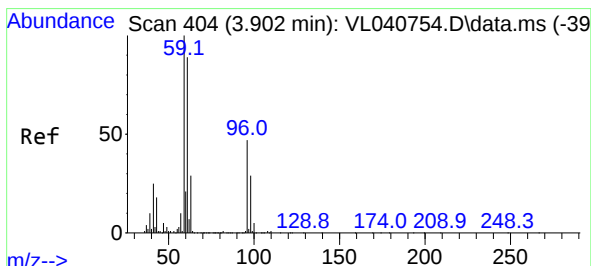
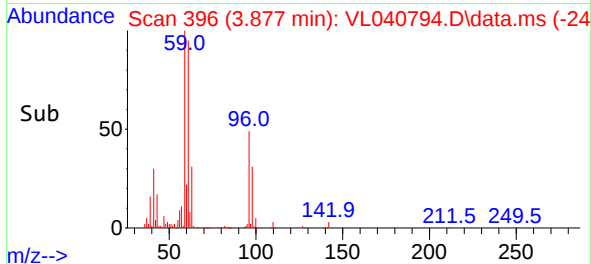
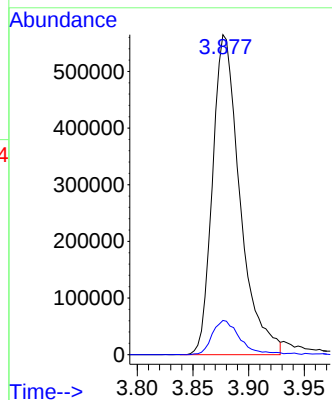
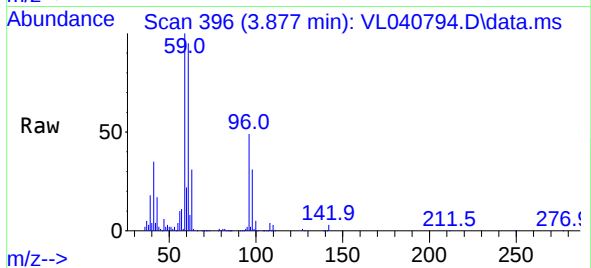




#17
tert-Butyl alcohol
Concen: 9.922 ppbv
RT: 3.877 min Scan# 396
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

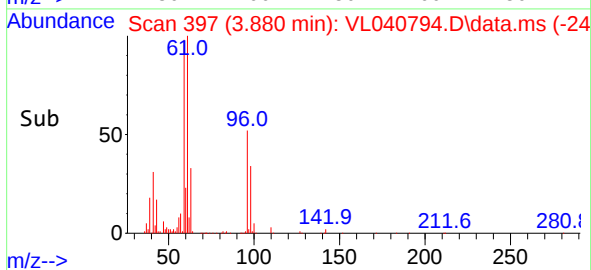
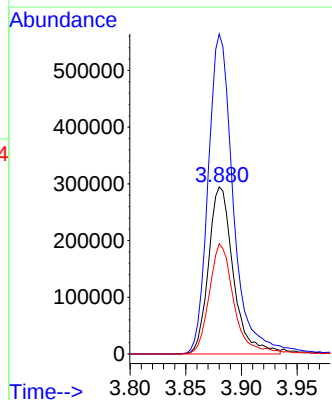
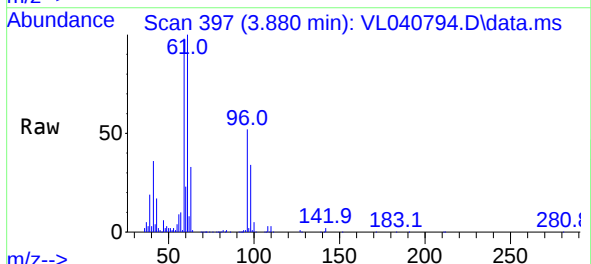
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

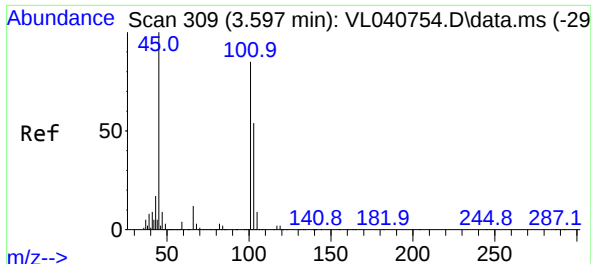
Tgt Ion: 59 Resp: 968915
Ion Ratio Lower Upper
59 100
57 11.2 8.6 13.0



#18
1,1-Dichloroethene
Concen: 11.393 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 96 Resp: 455993
Ion Ratio Lower Upper
96 100
61 191.6 152.5 228.7
98 65.9 49.6 74.4

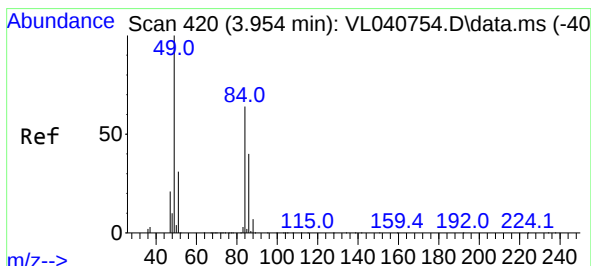
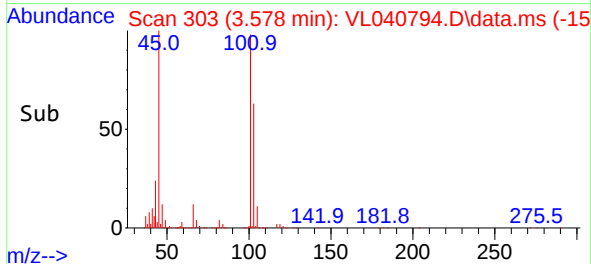
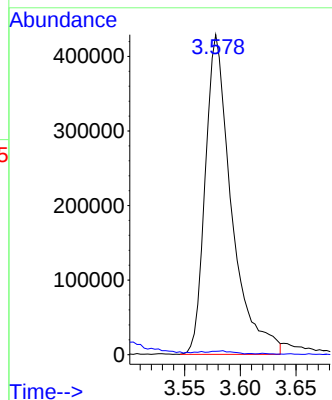
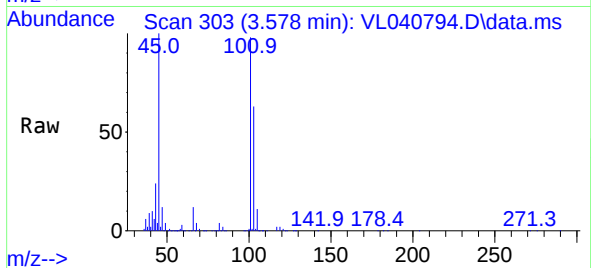




#19
Isopropyl Alcohol
Concen: 11.447 ppbv
RT: 3.578 min Scan# 309
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

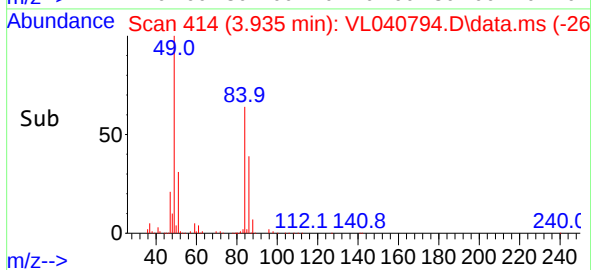
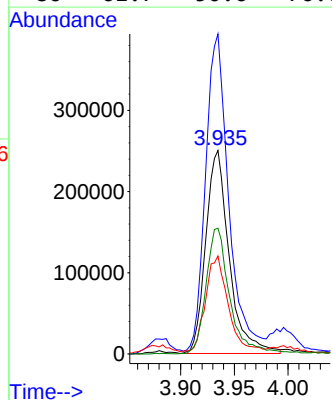
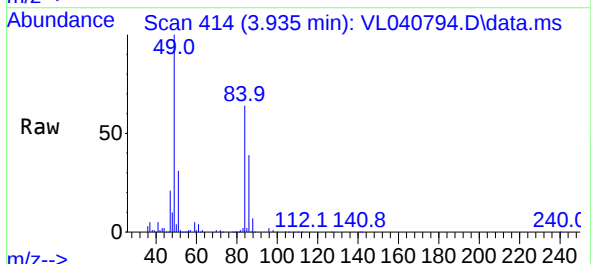
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

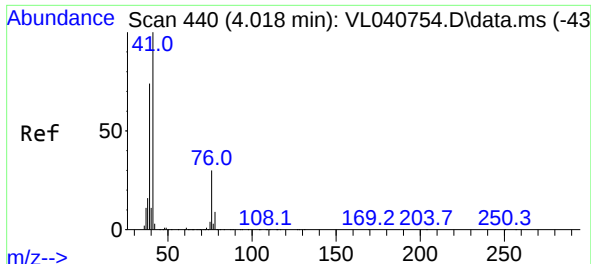
Tgt Ion: 45 Resp: 701791
Ion Ratio Lower Upper
45 100
58 38.0 30.3 45.5



#20
Methylene Chloride
Concen: 9.594 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 84 Resp: 380591
Ion Ratio Lower Upper
84 100
49 155.6 125.6 188.4
51 47.1 38.9 58.3
86 61.7 50.6 76.0

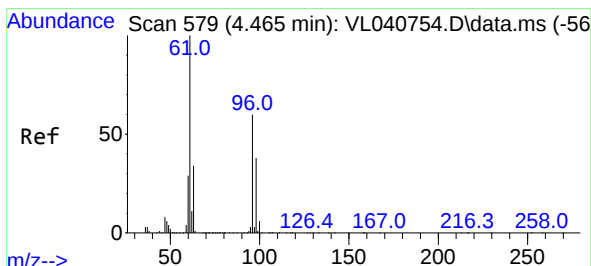
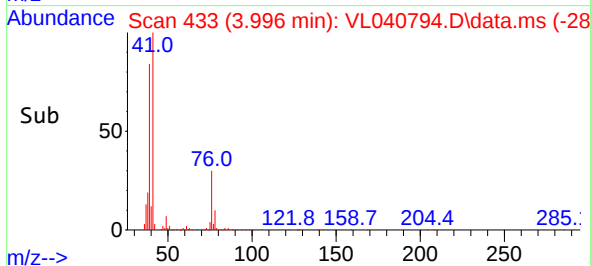
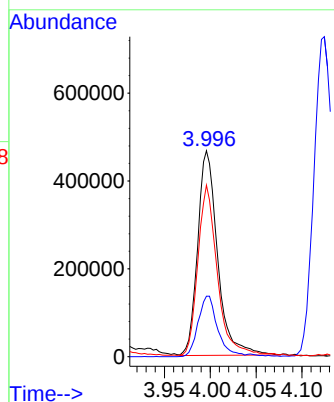
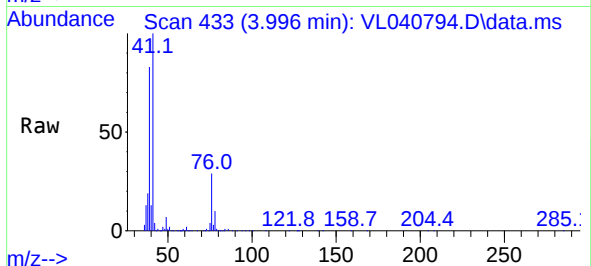




#21
 Allyl Chloride
 Concen: 11.237 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

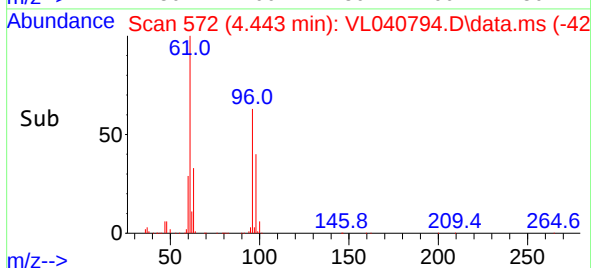
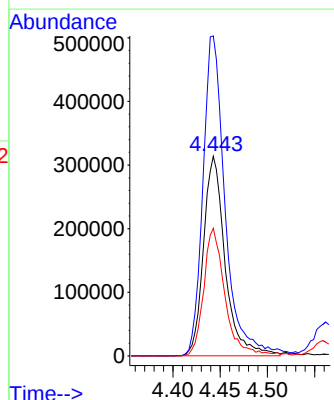
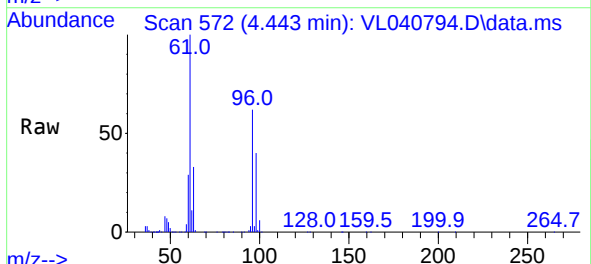
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

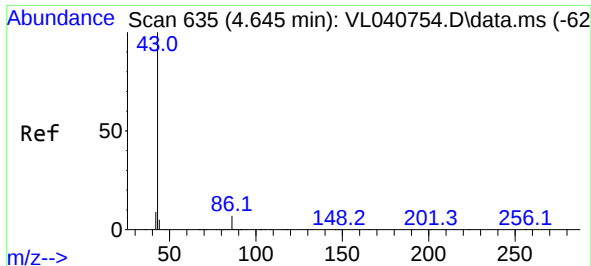
Tgt Ion: 41 Resp: 705791
 Ion Ratio Lower Upper
 41 100
 76 29.8 24.1 36.1
 39 82.2 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 11.734 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.022 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Tgt Ion: 96 Resp: 499859
 Ion Ratio Lower Upper
 96 100
 61 160.3 134.0 201.0
 98 64.0 51.0 76.4



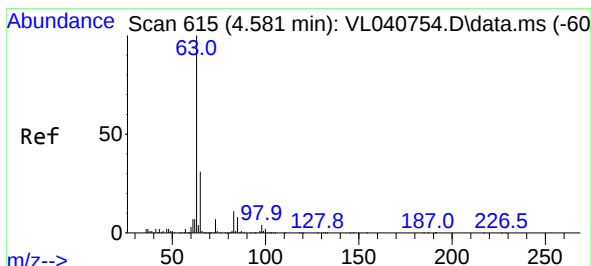
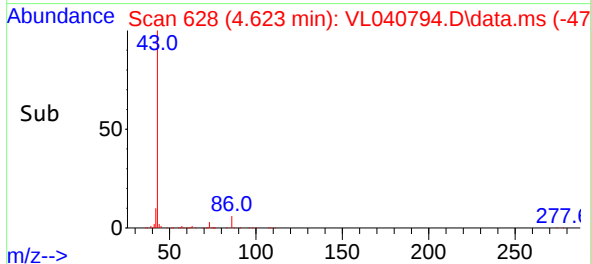
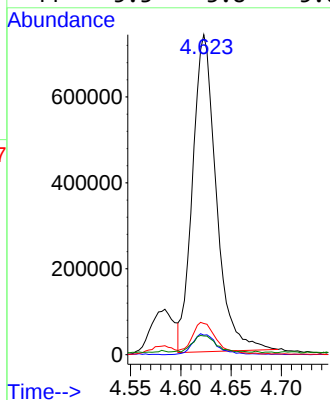
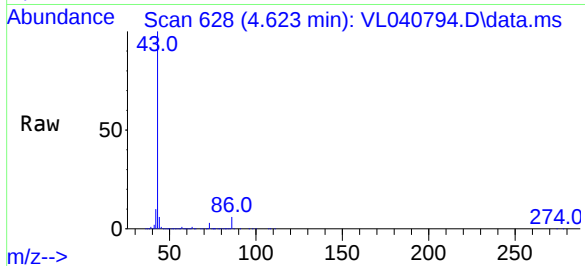


#23
 Vinyl Acetate
 Concen: 9.978 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. -0.022 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1211020

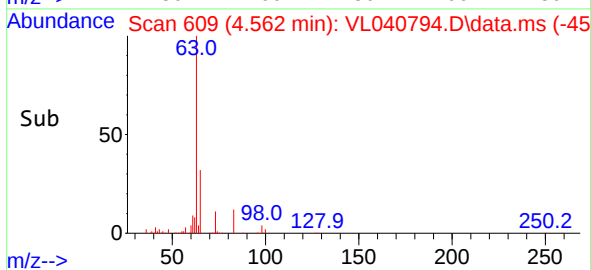
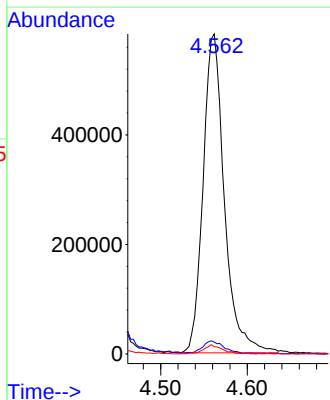
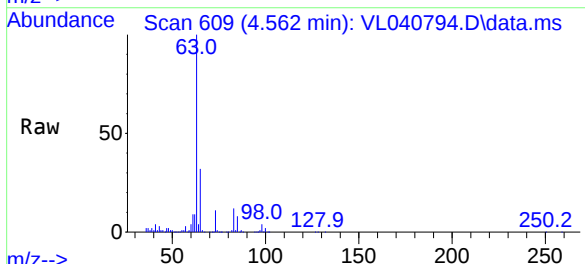
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.9	7.3
42	9.7	7.8	11.6
44	5.3	3.8	5.6

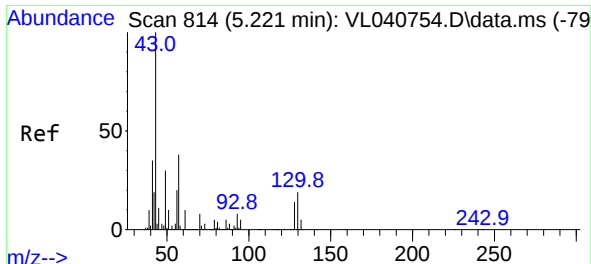


#24
 1,1-Dichloroethane
 Concen: 10.860 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.019 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Tgt Ion: 63 Resp: 994170

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	5.8
100	2.2	1.3	3.8



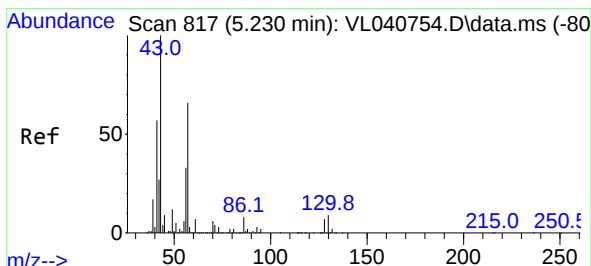
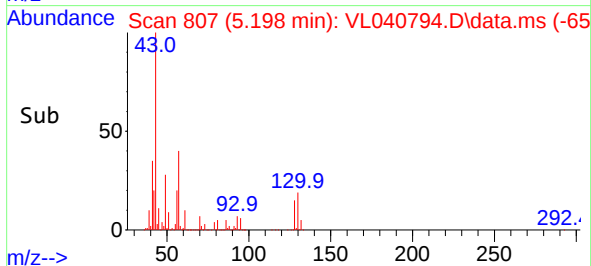
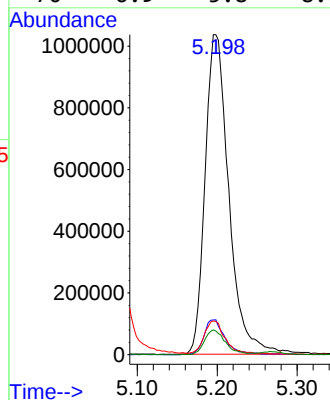
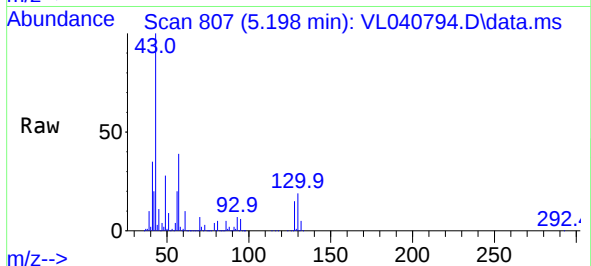


#25
Ethyl Acetate
Concen: 10.231 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2134755

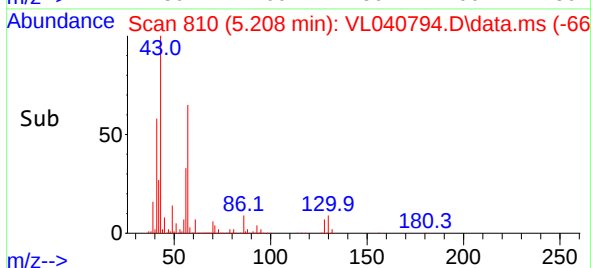
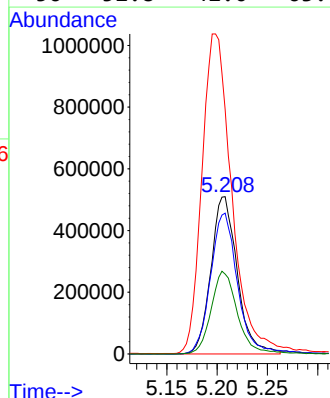
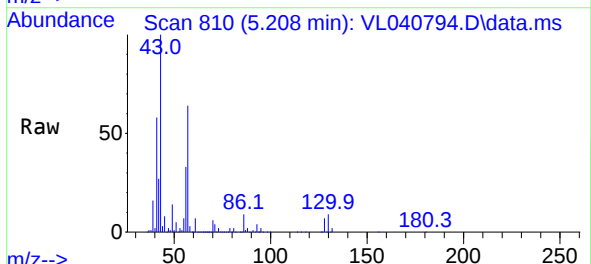
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.2	12.4
61	9.4	8.2	12.2
70	6.9	5.8	8.6

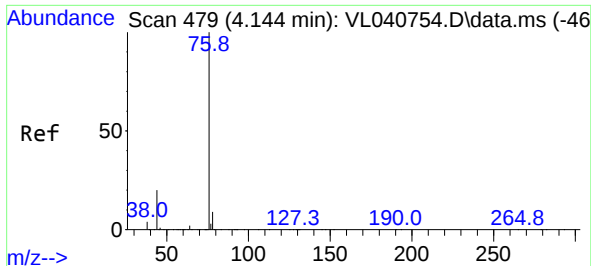


#26
Hexane
Concen: 9.733 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 57 Resp: 928175

Ion	Ratio	Lower	Upper
57	100		
41	92.9	71.4	107.2
43	234.0	182.3	273.5
56	52.8	42.0	63.0



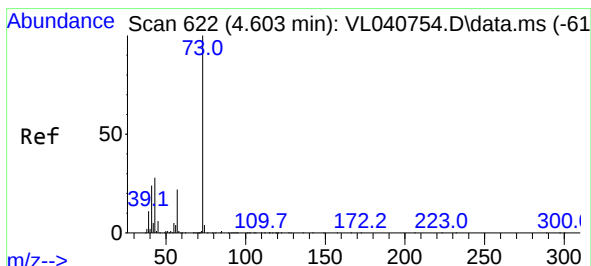
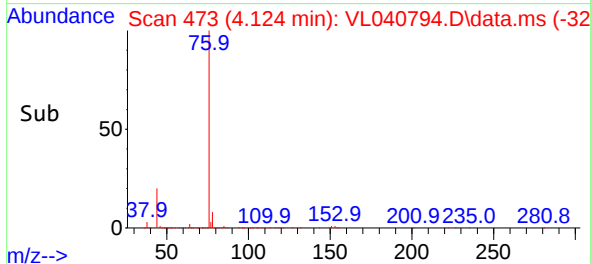
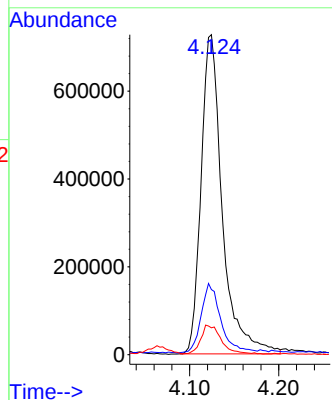
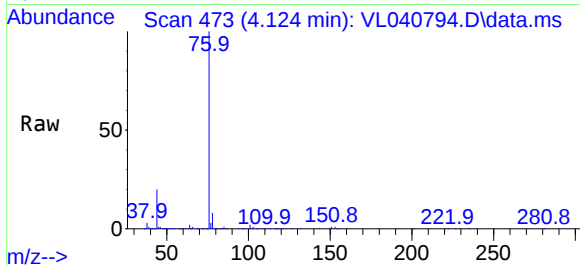


#27
Carbon Disulfide
Concen: 11.452 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1205008

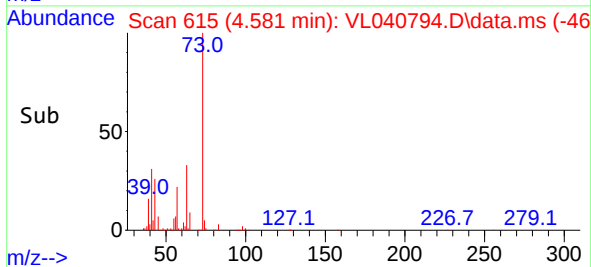
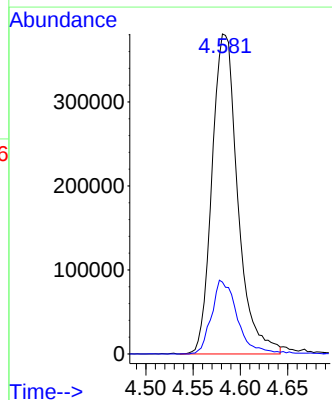
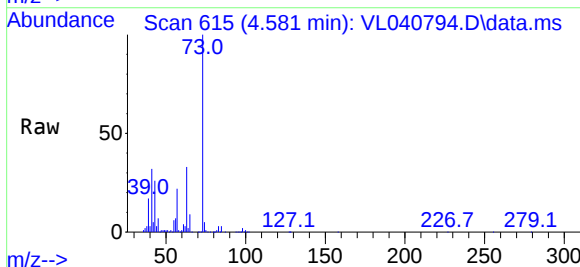
Ion	Ratio	Lower	Upper
76	100		
44	20.9	16.6	25.0
78	9.4	7.8	11.6

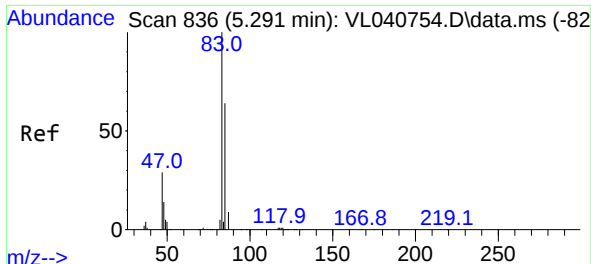


#28
Methyl tert-Butyl Ether
Concen: 9.741 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 73 Resp: 722411

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.9	28.3





#29

Chloroform

Concen: 11.171 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

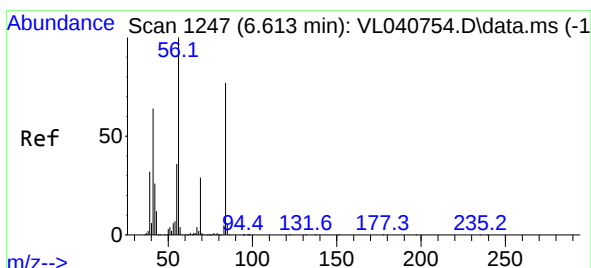
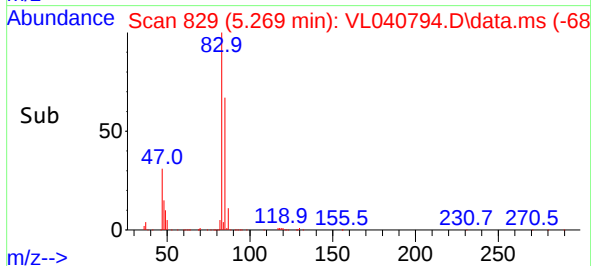
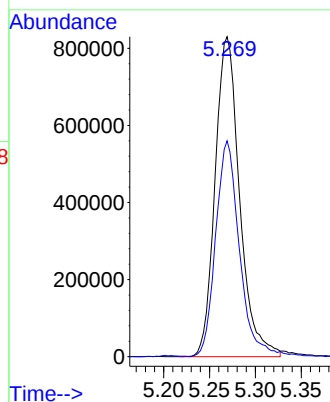
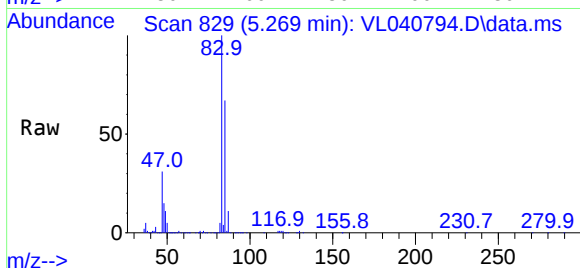
VSTDCCC010

Tgt Ion: 83 Resp: 1541485

Ion Ratio Lower Upper

83 100

85 67.3 51.3 76.9



#30

Cyclohexane

Concen: 10.713 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.019 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

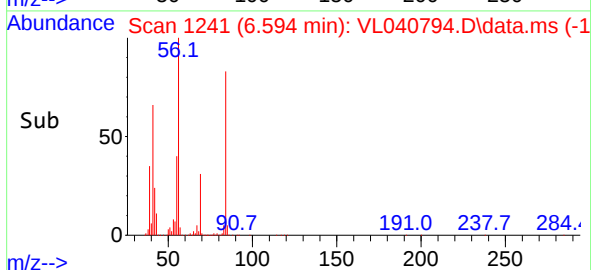
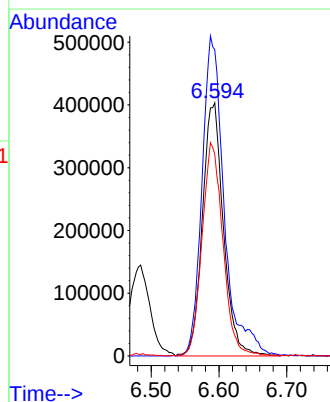
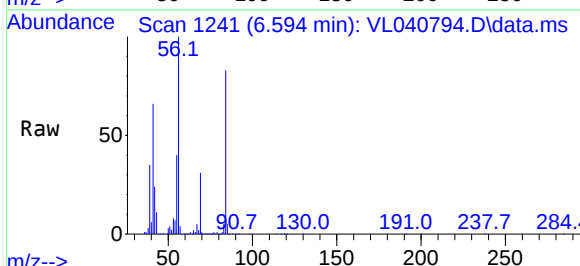
Tgt Ion: 84 Resp: 869415

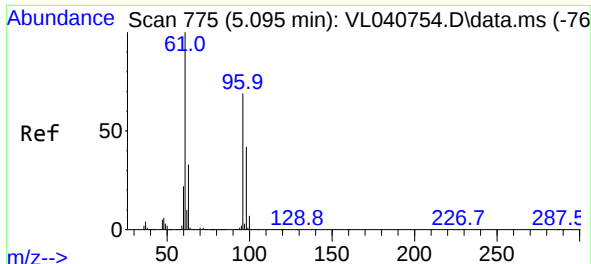
Ion Ratio Lower Upper

84 100

56 133.4 110.3 165.5

41 83.9 67.4 101.2

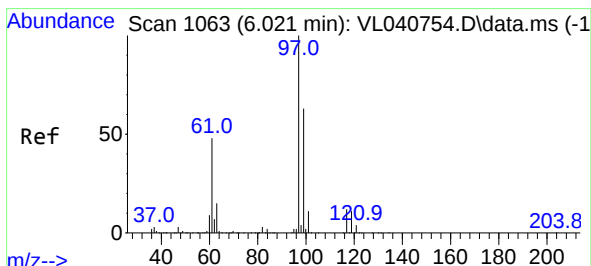
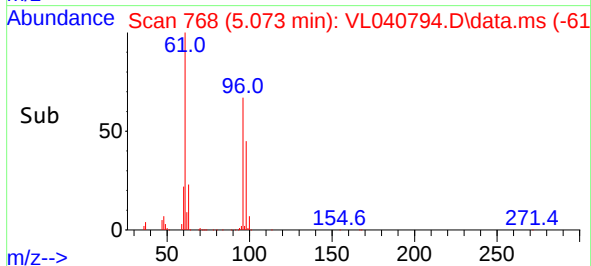
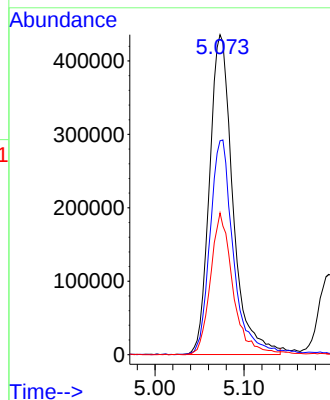
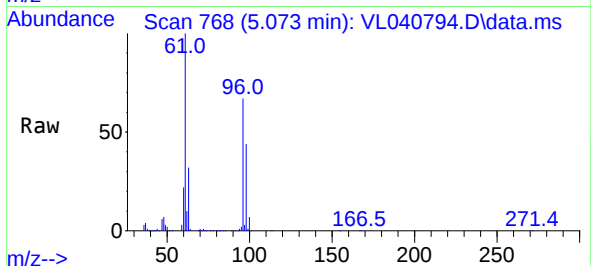




#31
cis-1,2-Dichloroethene
Concen: 9.026 ppbv
RT: 5.073 min Scan# 7
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

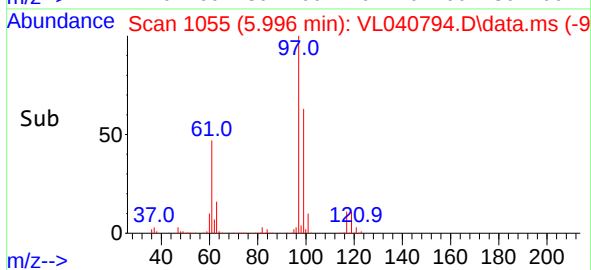
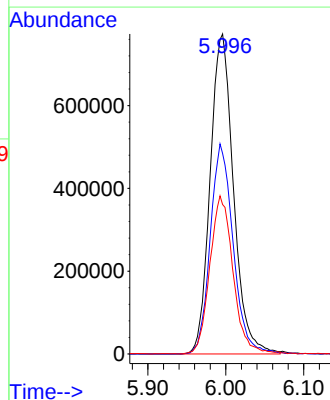
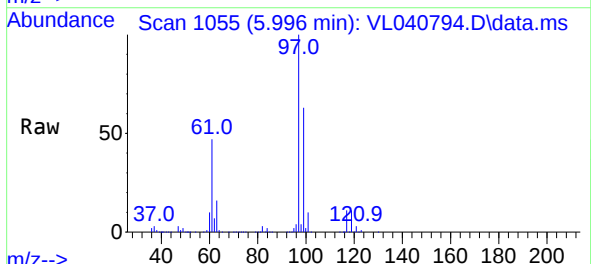
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

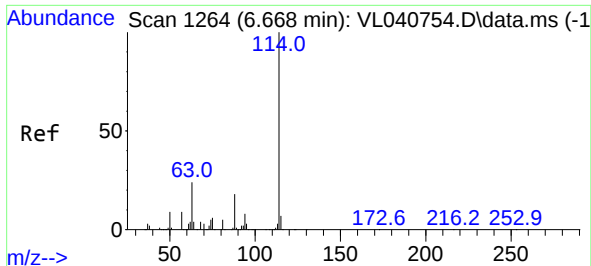
Tgt Ion: 61 Resp: 793269
Ion Ratio Lower Upper
61 100
96 66.7 55.1 82.7
98 44.3 33.5 50.3



#32
1,1,1-Trichloroethane
Concen: 10.949 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 97 Resp: 1608131
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 49.4 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

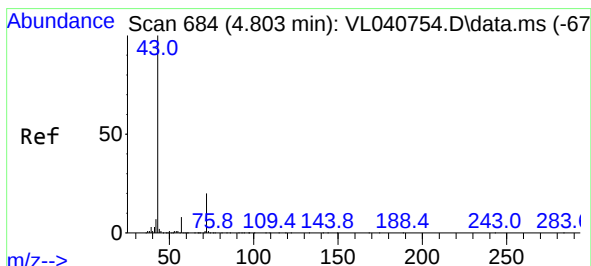
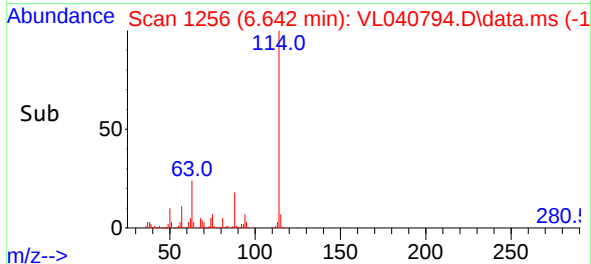
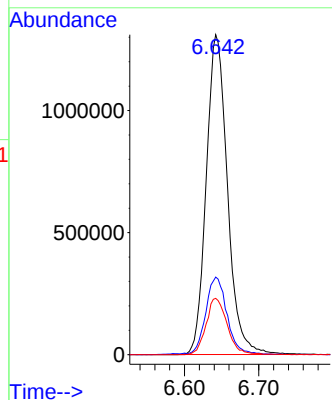
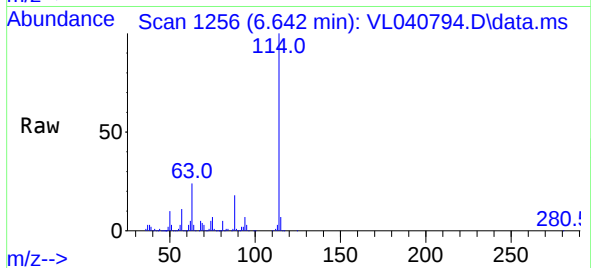
Tgt Ion:114 Resp: 2598637

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 17.7 14.2 21.2



#34

2-Butanone

Concen: 9.468 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.022 min

Lab File: VL040794.D

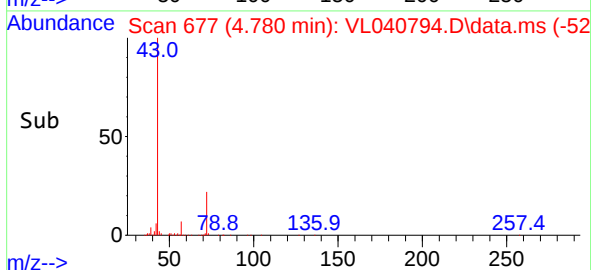
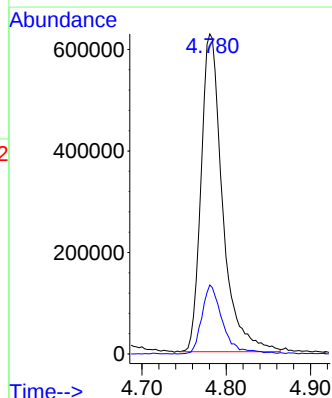
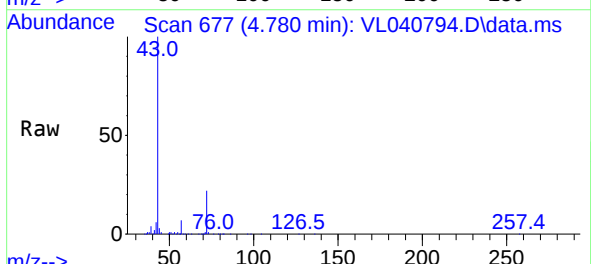
Acq: 25 Oct 2023 9:40

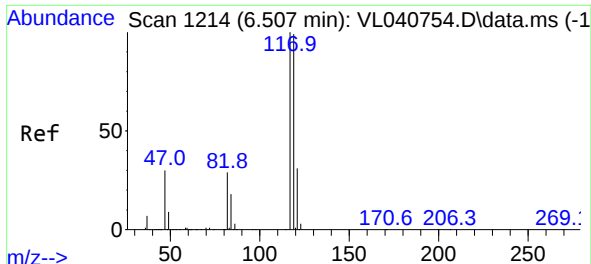
Tgt Ion: 43 Resp: 1113632

Ion Ratio Lower Upper

43 100

72 21.7 16.8 25.2

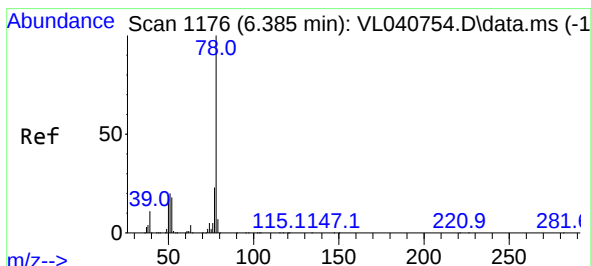
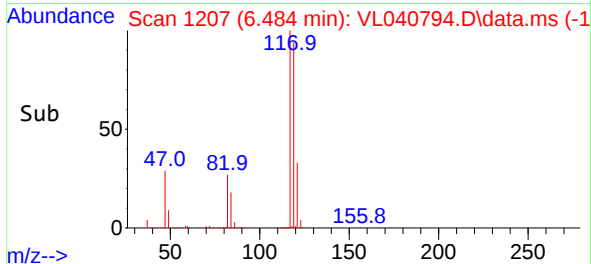
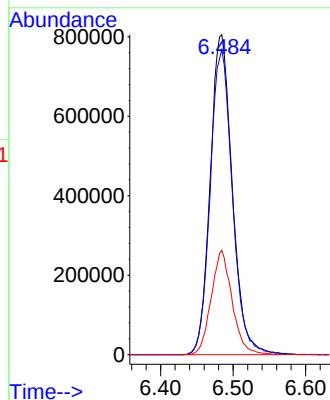
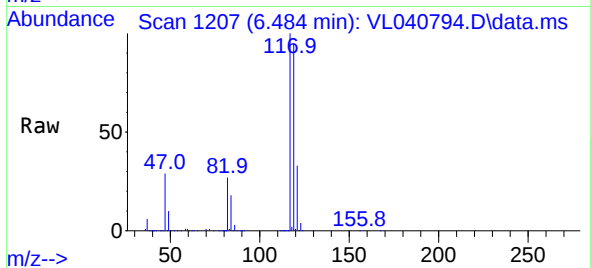




#35
Carbon Tetrachloride
Concen: 11.690 ppbv
RT: 6.484 min Scan# 1168
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

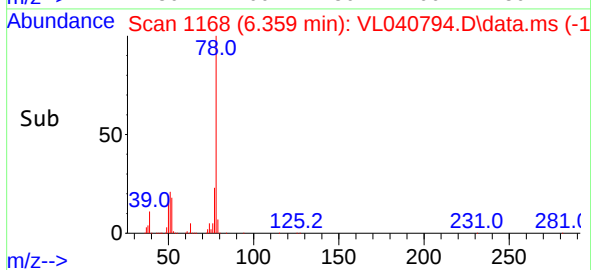
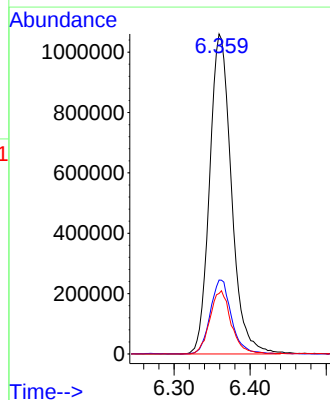
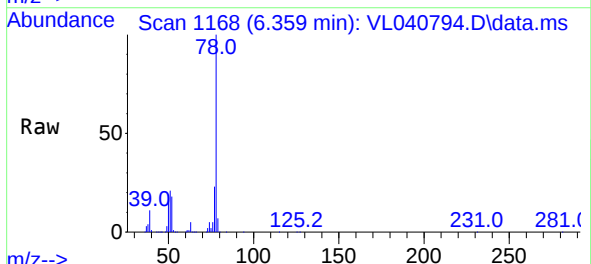
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

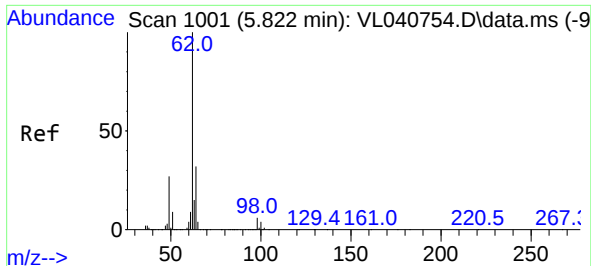
Tgt Ion:117 Resp: 1705046
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.0
121 32.6 25.0 37.4



#36
Benzene
Concen: 10.557 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 78 Resp: 2110119
Ion Ratio Lower Upper
78 100
77 23.1 18.4 27.6
50 18.9 15.0 22.4





#37

1,2-Dichloroethane

Concen: 12.032 ppbv

RT: 5.800 min Scan# 994

Delta R.T. -0.022 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

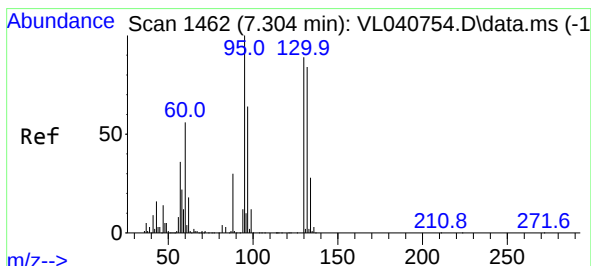
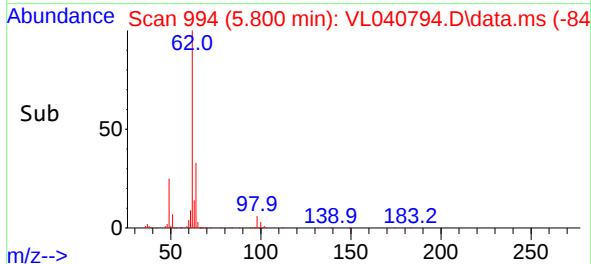
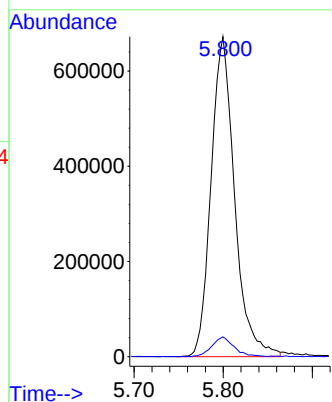
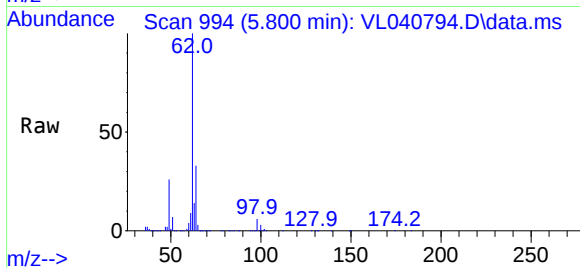
VSTDCCC010

Tgt Ion: 62 Resp: 1231712

Ion Ratio Lower Upper

62 100

98 5.9 5.4 8.0



#38

Trichloroethene

Concen: 9.726 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Tgt Ion:130 Resp: 860357

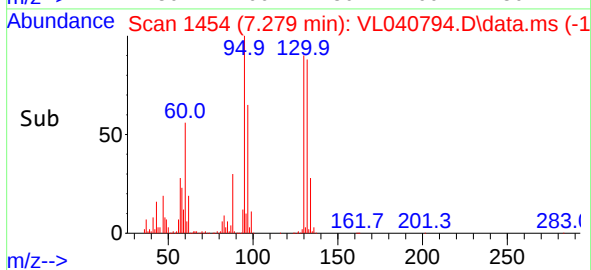
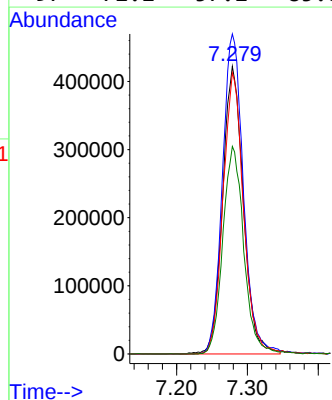
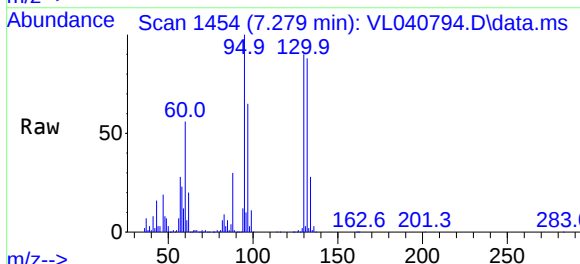
Ion Ratio Lower Upper

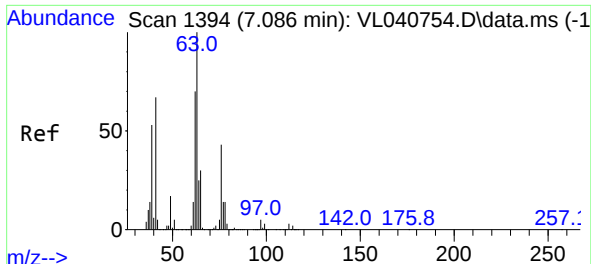
130 100

95 111.3 89.4 134.2

132 97.7 74.8 112.2

97 72.2 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.630 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

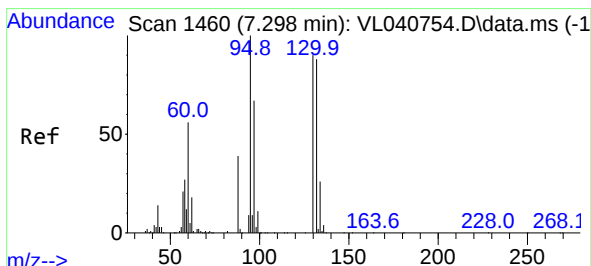
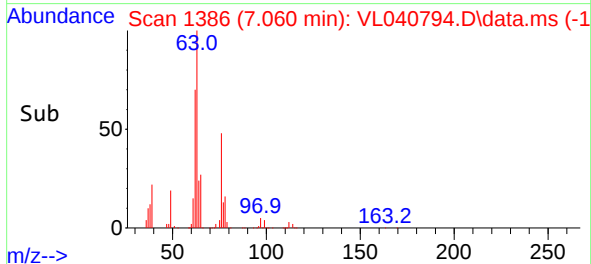
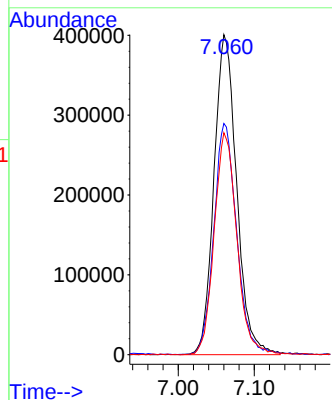
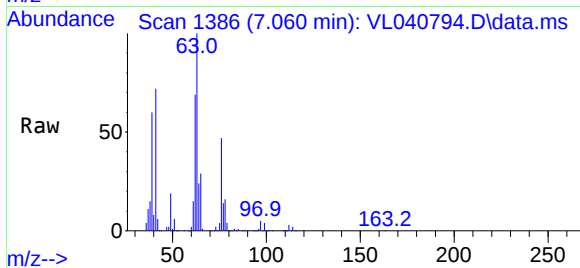
Tgt Ion: 63 Resp: 830131

Ion Ratio Lower Upper

63 100

41 72.1 53.7 80.5

62 69.3 55.7 83.5



#40

1,4-Dioxane

Concen: 11.176 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Tgt Ion: 88 Resp: 330264

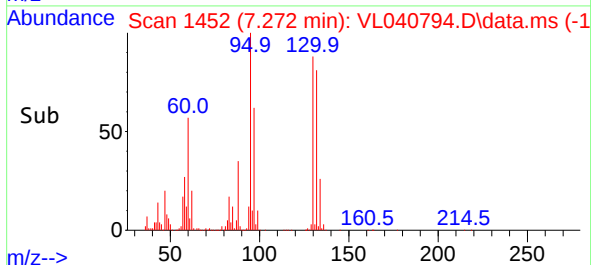
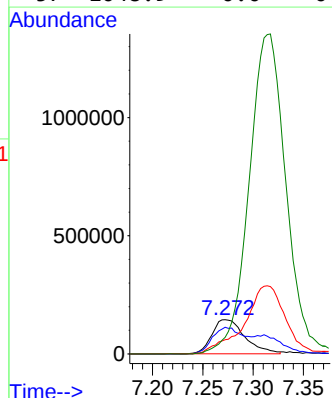
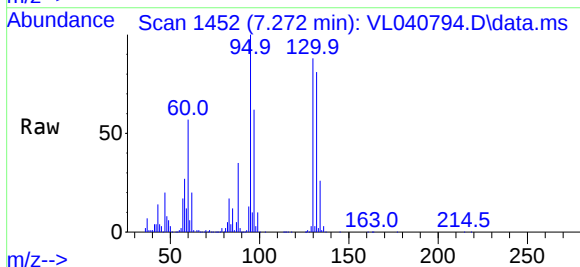
Ion Ratio Lower Upper

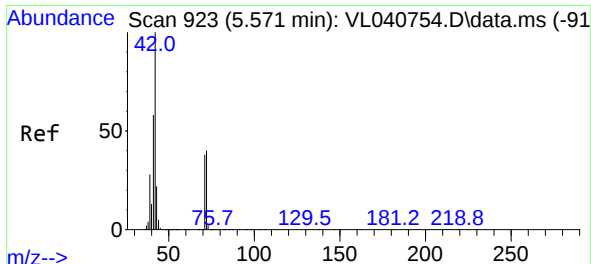
88 100

58 124.3 100.0 150.0

43 247.4 0.0 0.0#

57 1048.9 0.0 0.0#





#41

Tetrahydrofuran

Concen: 10.634 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.022 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

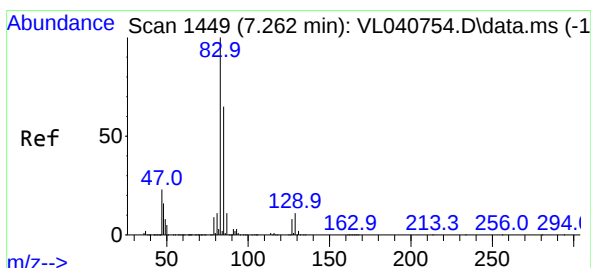
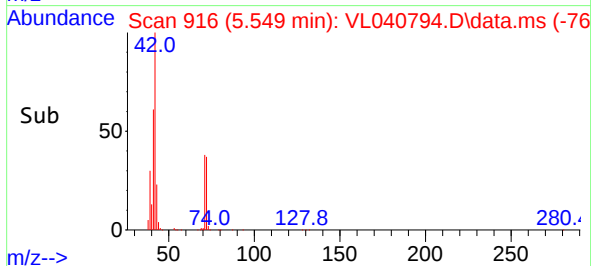
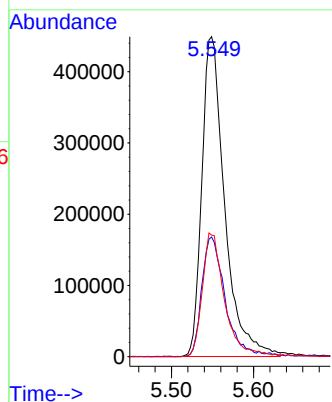
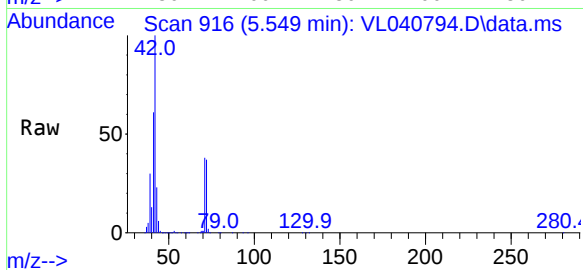
Tgt Ion: 42 Resp: 866162

Ion	Ratio	Lower	Upper
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42	100		
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72	38.6	31.1	46.7
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71	38.2	29.7	44.5
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#42

Bromodichloromethane

Concen: 11.761 ppbv

RT: 7.237 min Scan# 1441

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

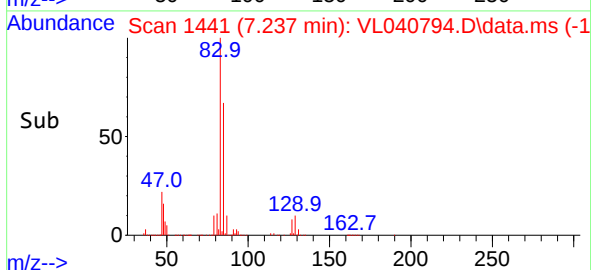
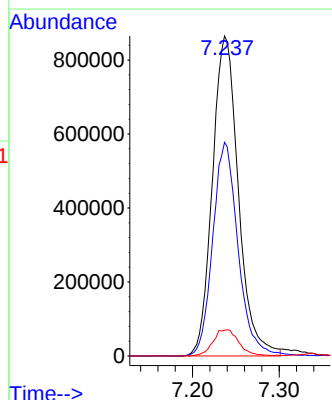
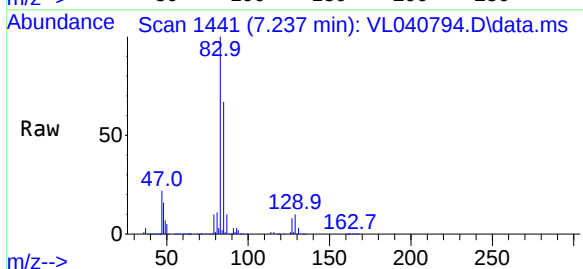
Tgt Ion: 83 Resp: 1803564

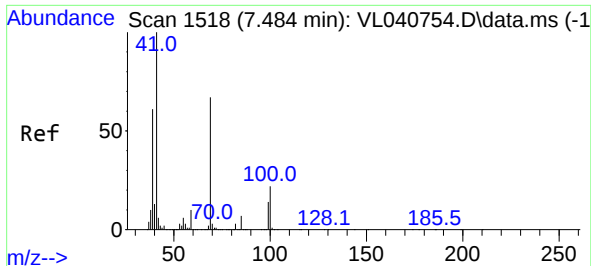
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

83	100		
----	-----	--	--

85	66.7	52.1	78.1
----	------	------	------

127	8.1	6.7	10.1
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#43

Methyl Methacrylate

Concen: 10.970 ppbv

RT: 7.462 min Scan# 1

Delta R.T. -0.022 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

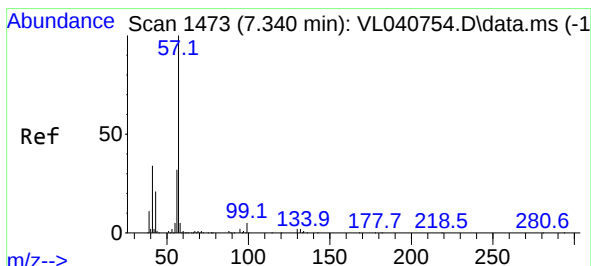
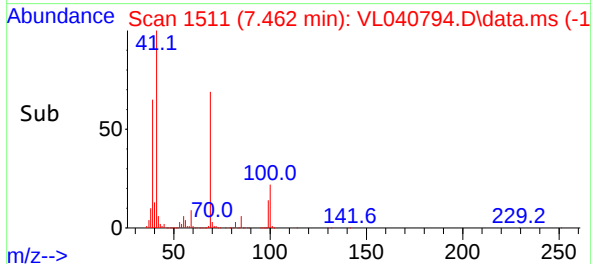
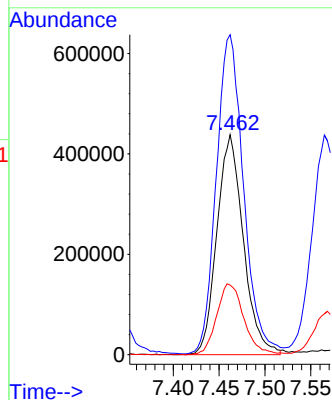
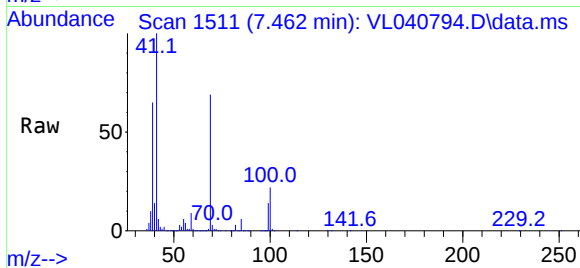
Tgt Ion: 69 Resp: 877760

Ion Ratio Lower Upper

69 100

41 149.9 120.6 181.0

100 33.3 27.1 40.7



#44

2,2,4-Trimethylpentane

Concen: 10.237 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. -0.022 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

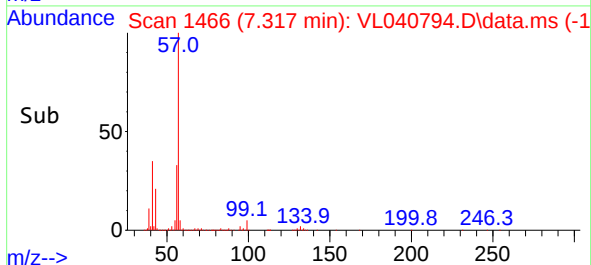
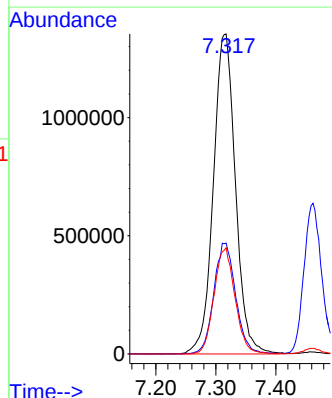
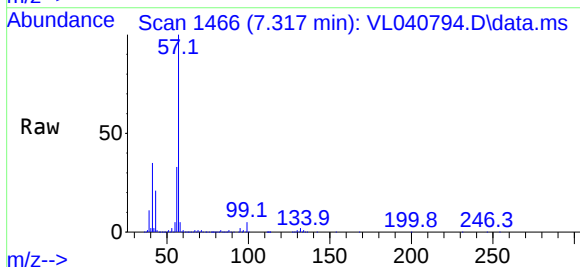
Tgt Ion: 57 Resp: 3460289

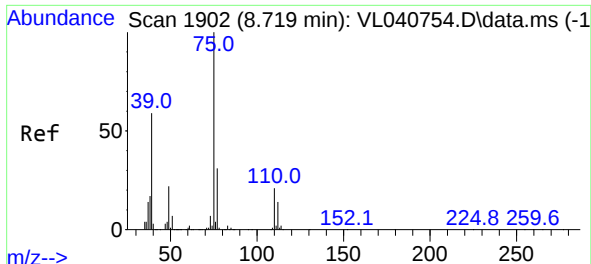
Ion Ratio Lower Upper

57 100

41 34.5 27.4 41.0

56 31.6 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.776 ppbv

RT: 8.693 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

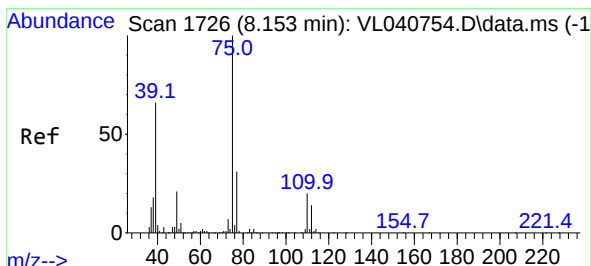
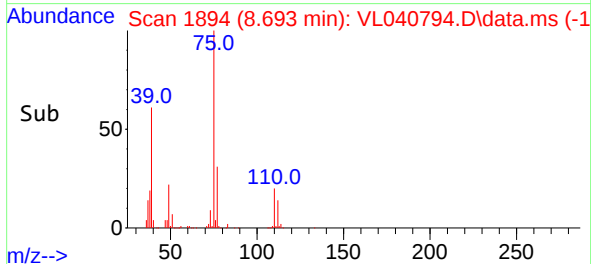
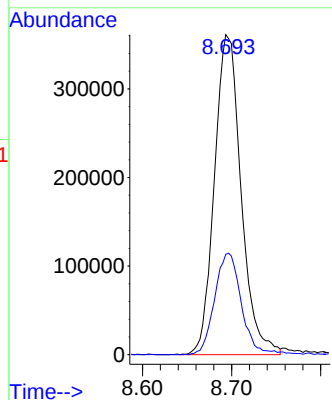
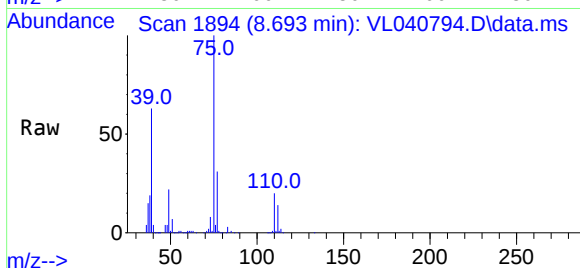
VSTDCCC010

Tgt Ion: 75 Resp: 751306

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#46

cis-1,3-Dichloropropene

Concen: 11.213 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

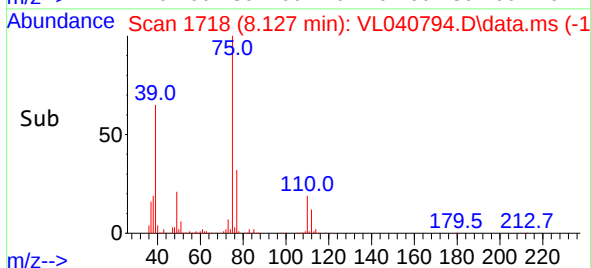
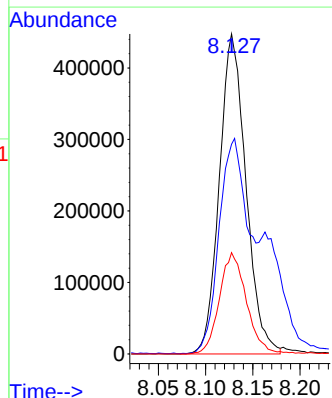
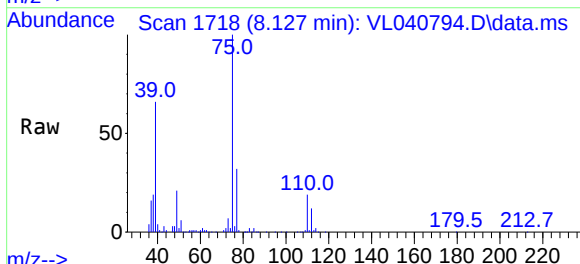
Tgt Ion: 75 Resp: 874045

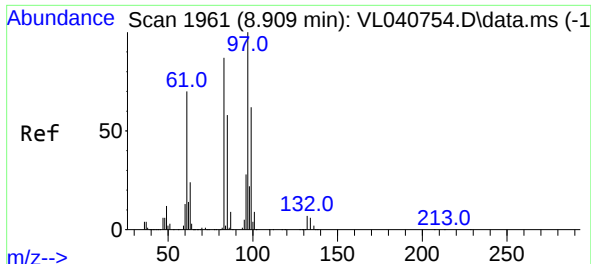
Ion Ratio Lower Upper

75 100

39 65.4 52.4 78.6

77 31.7 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.822 ppbv

RT: 8.883 min Scan# 1961

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 887683

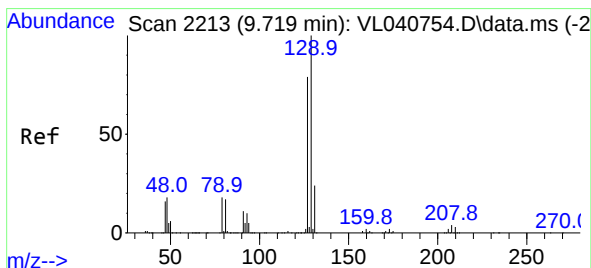
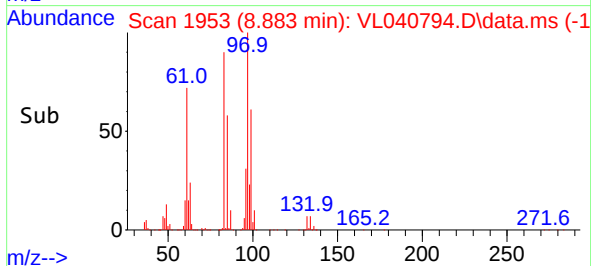
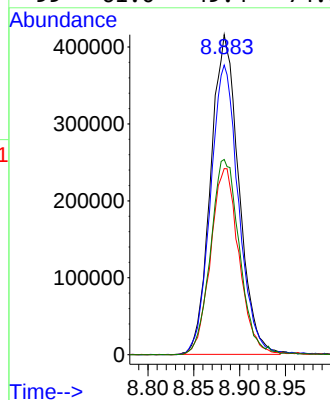
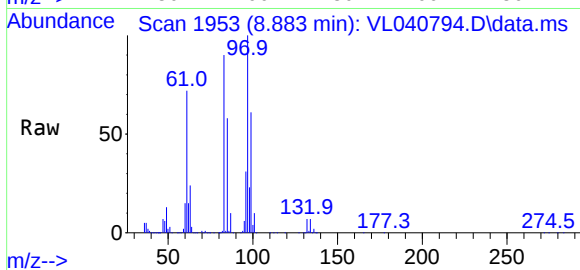
Ion Ratio Lower Upper

97 100

83 90.4 69.5 104.3

85 58.1 46.6 69.8

99 61.0 49.4 74.0



#48

Dibromochloromethane

Concen: 11.606 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.026 min

Lab File: VL040794.D

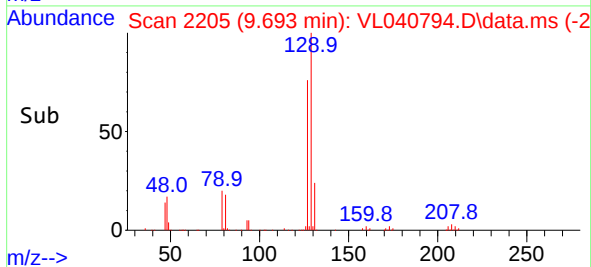
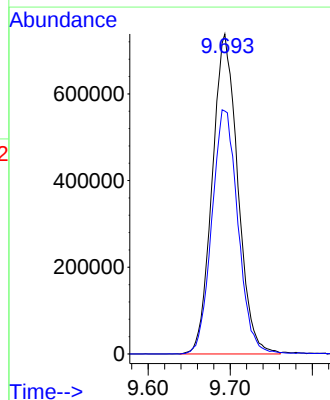
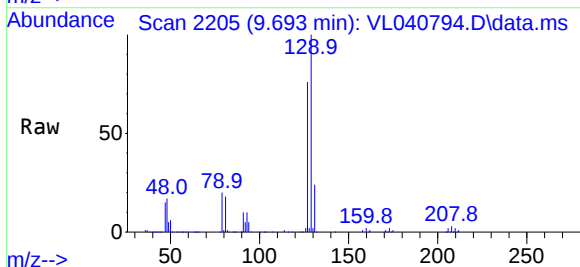
Acq: 25 Oct 2023 9:40

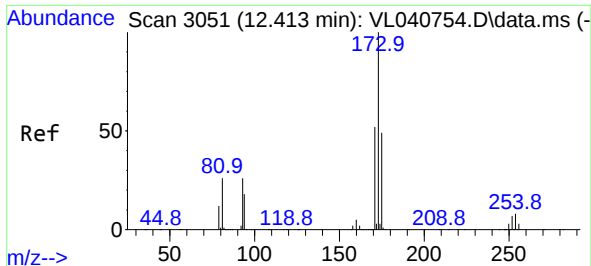
Tgt Ion: 129 Resp: 1595482

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.3

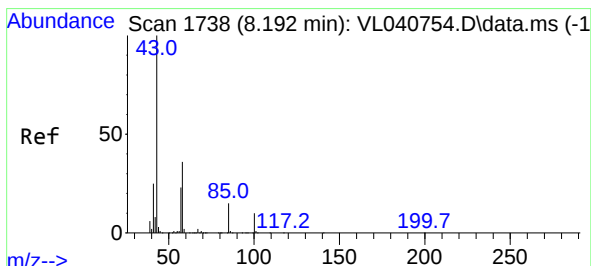
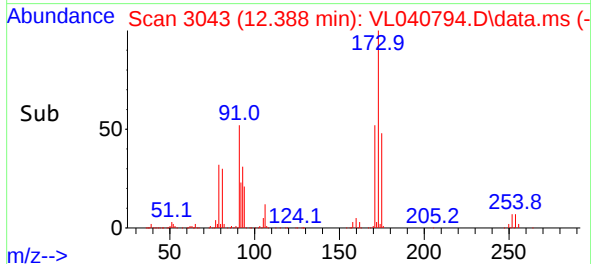
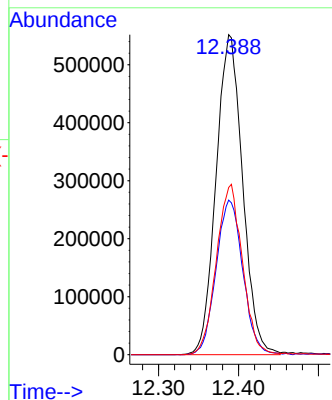
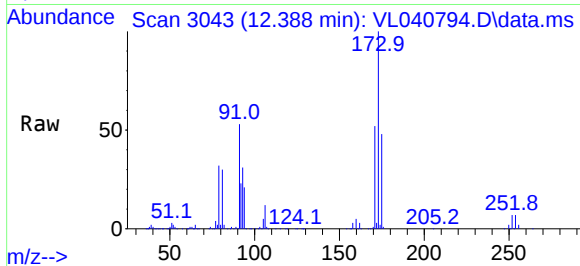




#49
Bromoform
Concen: 11.373 ppbv
RT: 12.388 min Scan# 3051
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

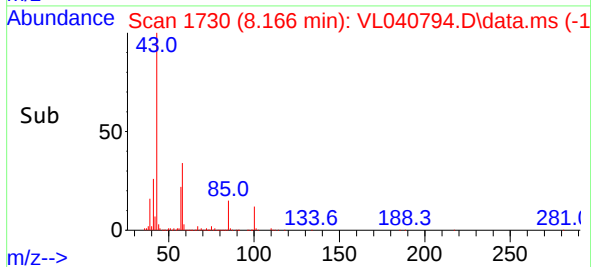
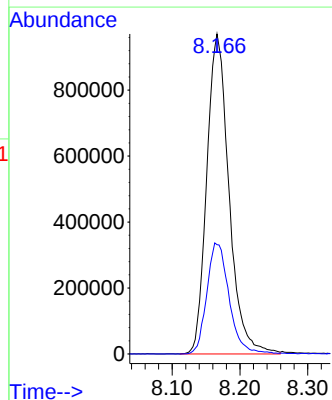
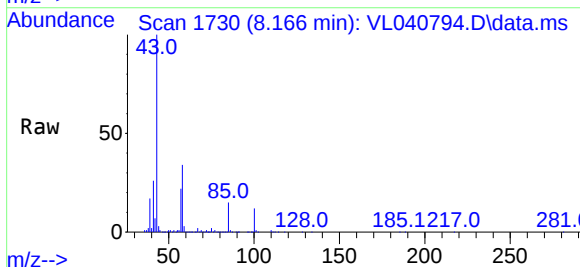
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

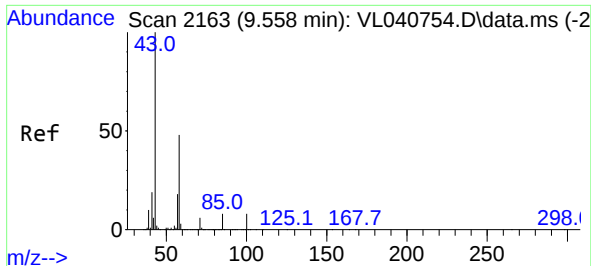
Tgt Ion:173 Resp: 1270877
Ion Ratio Lower Upper
173 100
175 48.8 39.2 58.8
171 52.6 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 10.991 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 43 Resp: 2211562
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2

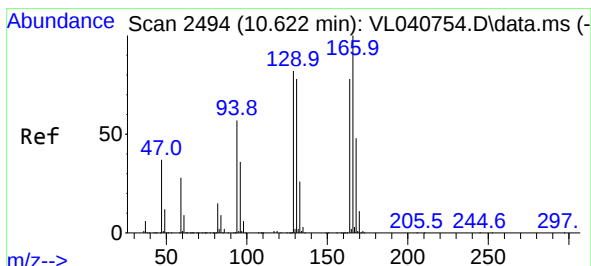
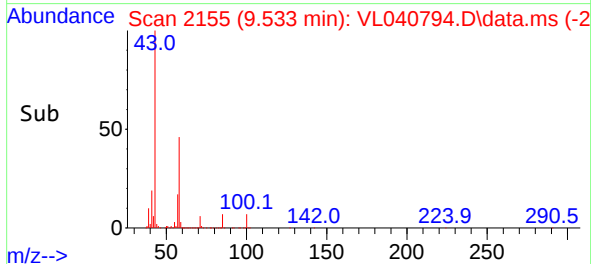
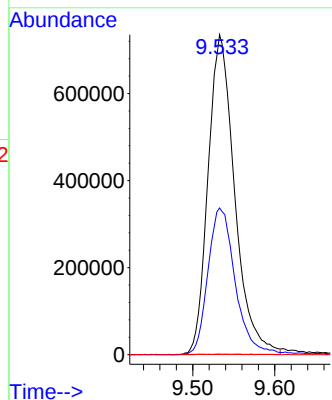
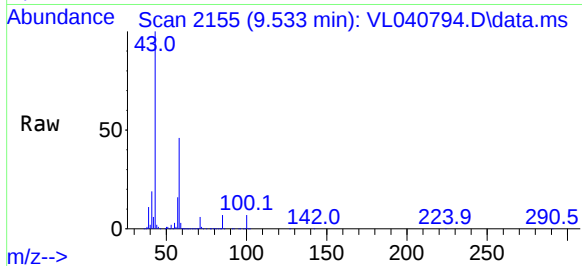




#51
2-Hexanone
Concen: 10.803 ppbv
RT: 9.533 min Scan# 2163
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

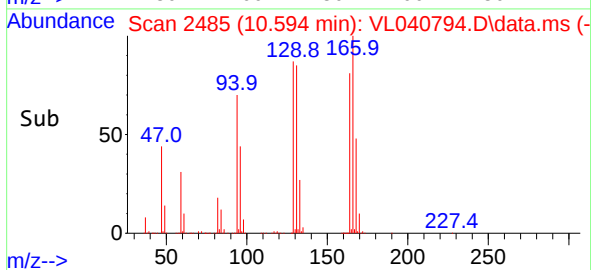
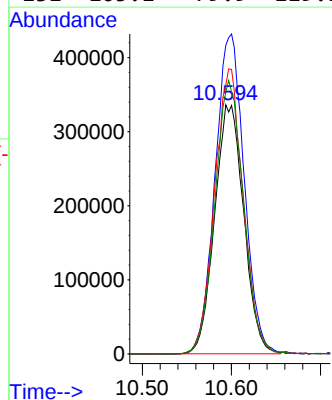
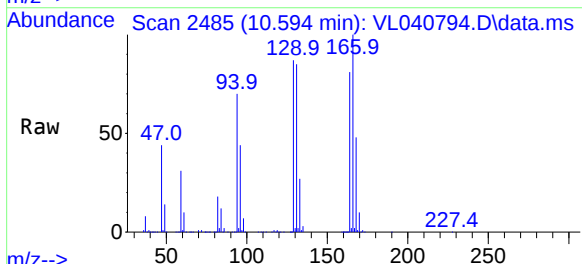
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

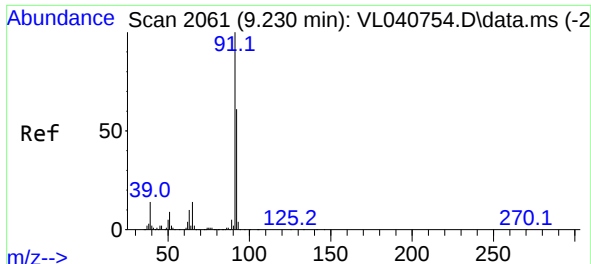
Tgt Ion: 43 Resp: 1654359
Ion Ratio Lower Upper
43 100
58 48.1 38.6 58.0
98 0.0 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.391 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. -0.029 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:164 Resp: 762470
Ion Ratio Lower Upper
164 100
166 123.7 102.4 153.6
129 108.0 84.2 126.4
131 105.1 79.9 119.9

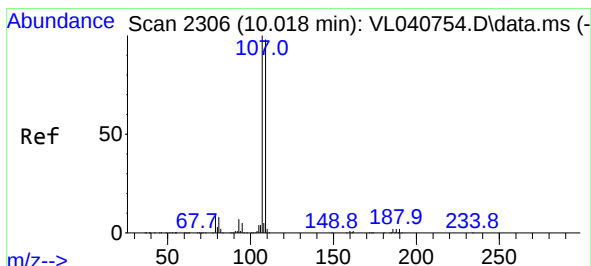
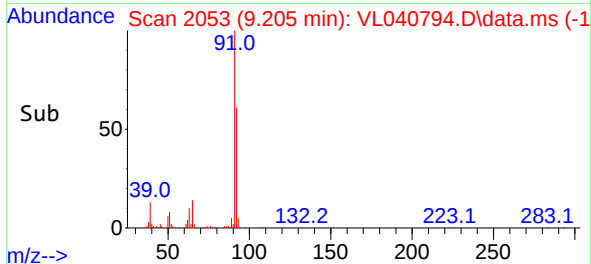
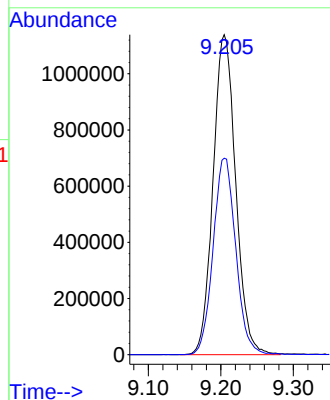
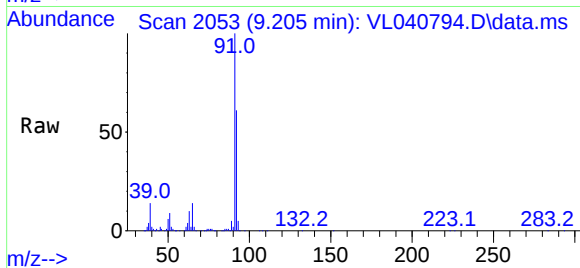




#53
Toluene
Concen: 10.378 ppbv
RT: 9.205 min Scan# 2061
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

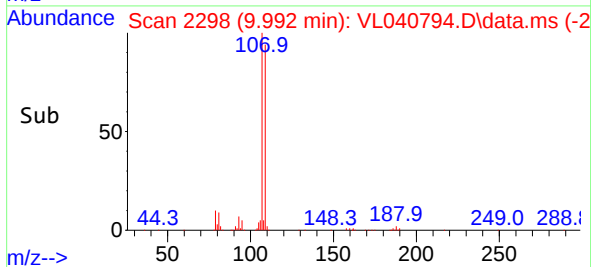
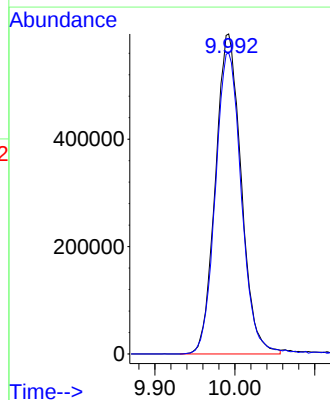
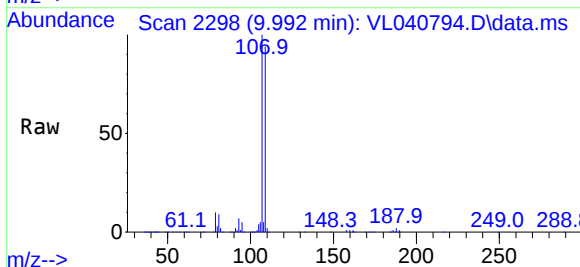
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

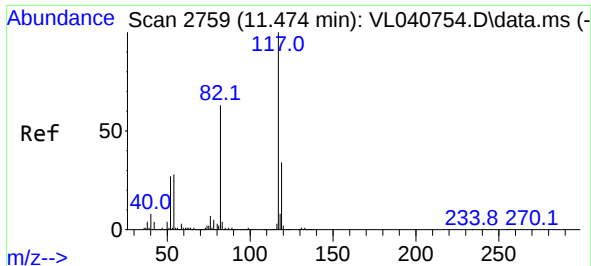
Tgt Ion: 91 Resp: 2468816
Ion Ratio Lower Upper
91 100
92 61.7 50.2 75.2



#54
1,2-Dibromoethane
Concen: 11.579 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 107 Resp: 1331528
Ion Ratio Lower Upper
107 100
109 94.2 78.2 117.2

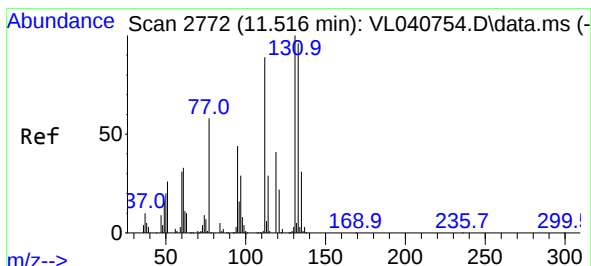
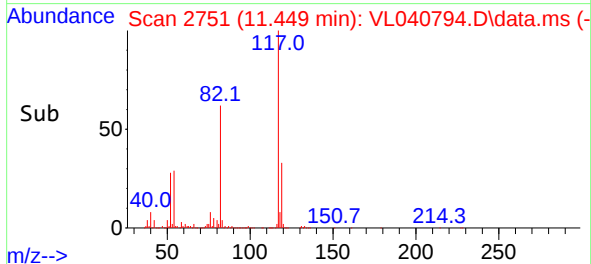
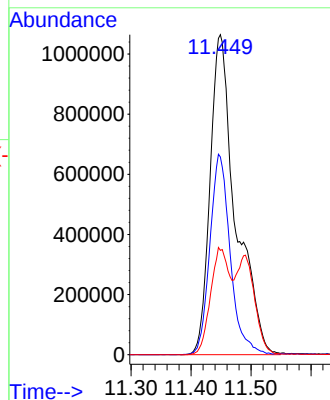
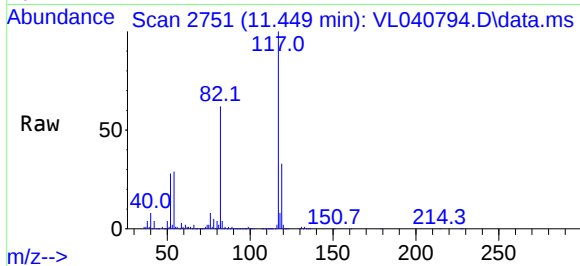




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

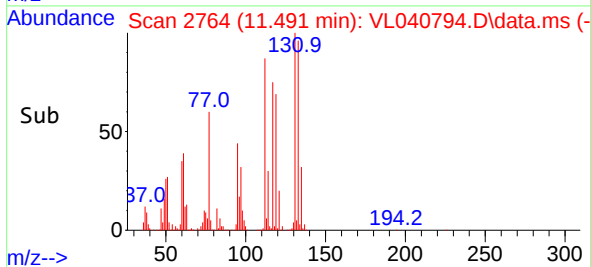
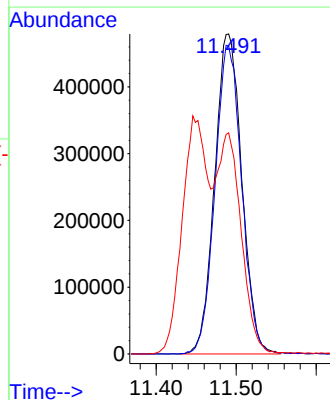
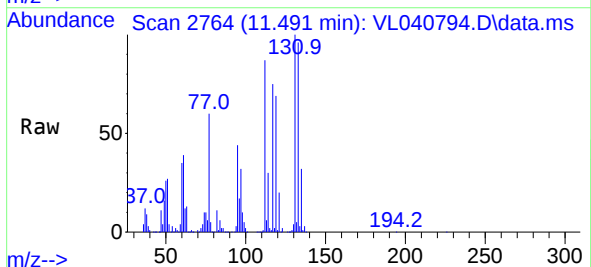
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

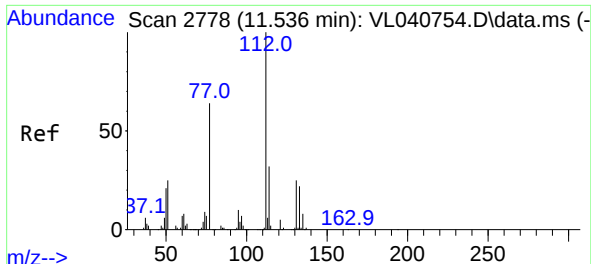
Tgt Ion:117 Resp: 3159379
Ion Ratio Lower Upper
117 100
82 50.0 46.6 70.0
119 26.2 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 8.750 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:131 Resp: 1128183
Ion Ratio Lower Upper
131 100
133 94.9 75.0 112.6
119 69.2 45.4 68.0#





#57

Chlorobenzene

Concen: 8.441 ppbv

RT: 11.510 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

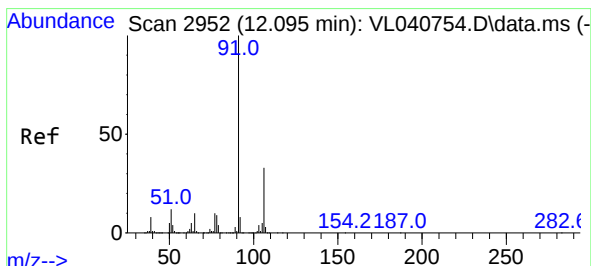
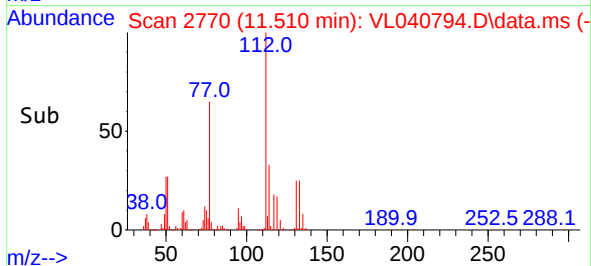
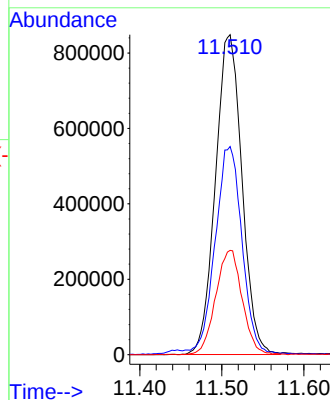
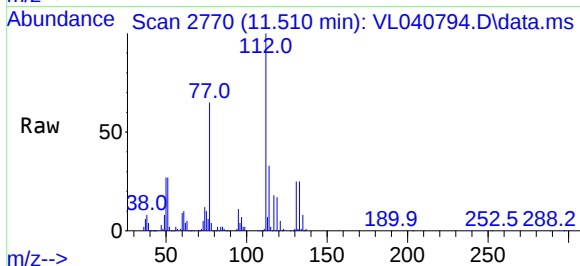
Tgt Ion:112 Resp: 1910841

Ion Ratio Lower Upper

112 100

77 64.7 51.9 77.9

114 32.7 28.6 35.0



#58

Ethyl Benzene

Concen: 8.392 ppbv

RT: 12.069 min Scan# 2944

Delta R.T. -0.026 min

Lab File: VL040794.D

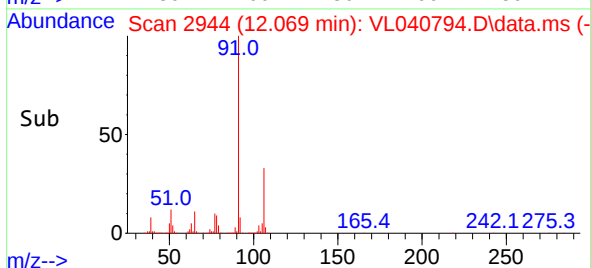
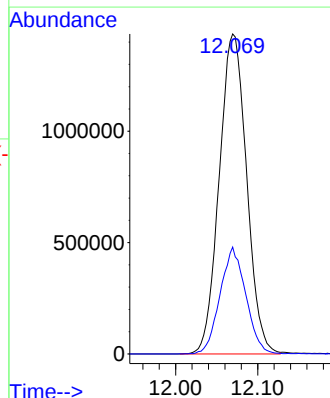
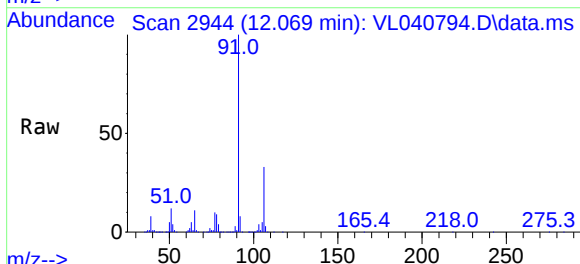
Acq: 25 Oct 2023 9:40

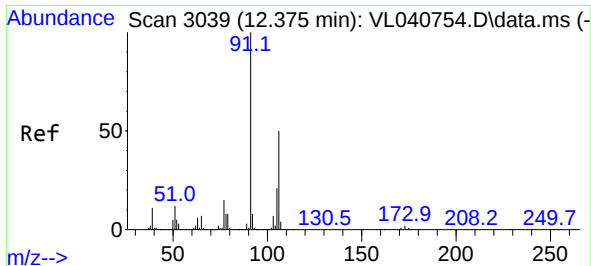
Tgt Ion: 91 Resp: 3338274

Ion Ratio Lower Upper

91 100

106 33.4 26.7 40.1





#59

m/p-Xylene

Concen: 2.226 ppbv

RT: 12.346 min Scan# 3039

Delta R.T. -0.029 min

Lab File: VL040794.D

Acq: 25 Oct 2023 9:40

Instrument :

MSVOA_L

ClientSampleId :

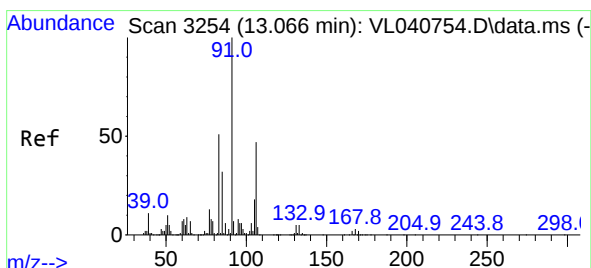
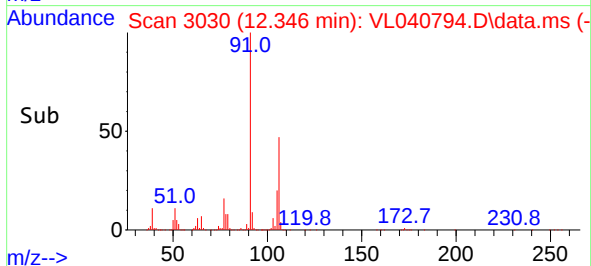
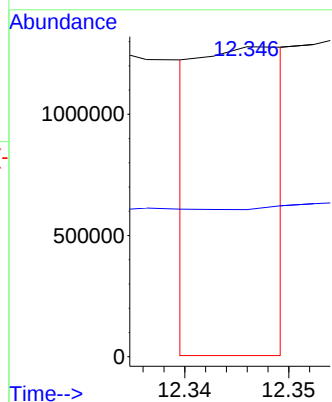
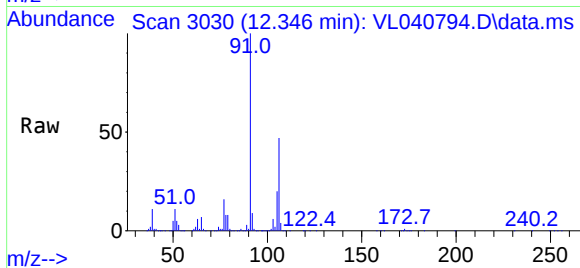
VSTDCCC010

Tgt Ion: 91 Resp: 728646

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 8.475 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.026 min

Lab File: VL040794.D

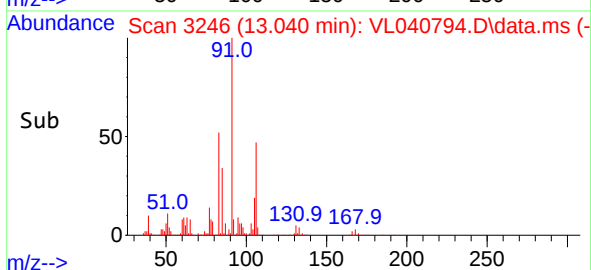
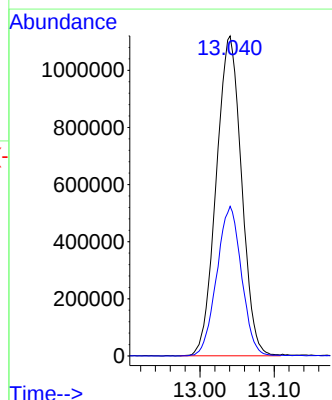
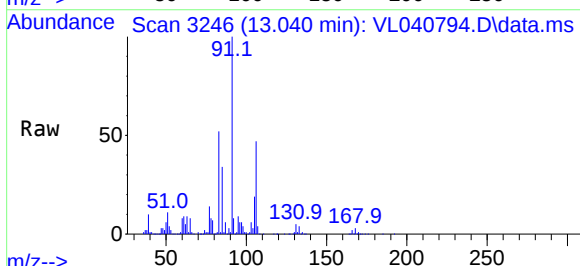
Acq: 25 Oct 2023 9:40

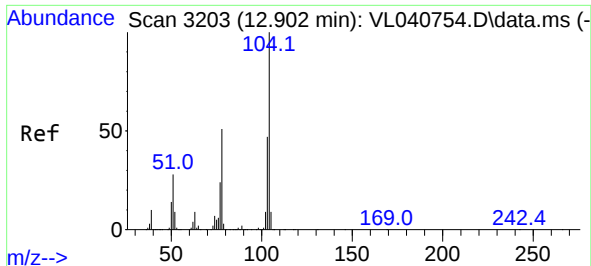
Tgt Ion: 91 Resp: 2643742

Ion Ratio Lower Upper

91 100

106 46.3 23.5 70.5

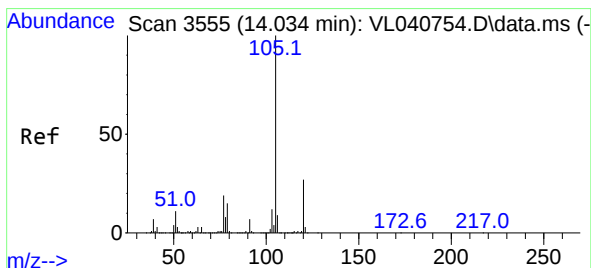
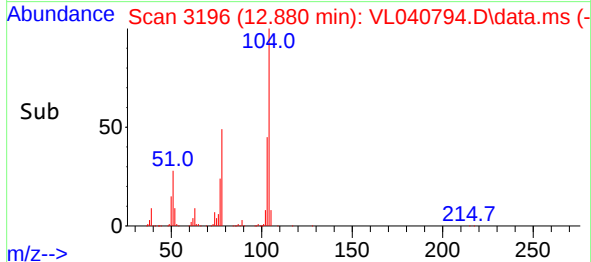
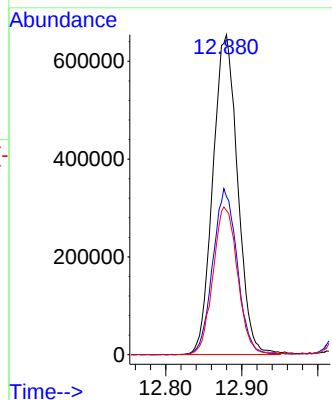
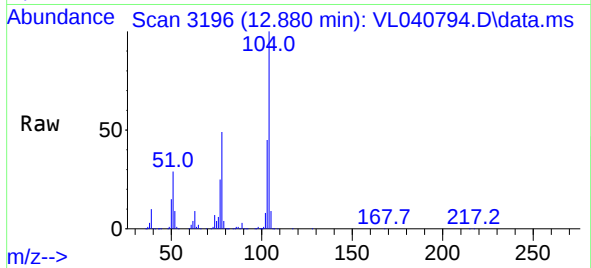




#61
Styrene
Concen: 8.555 ppbv
RT: 12.880 min Scan# 3196
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

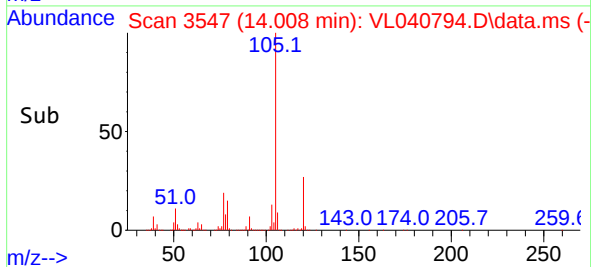
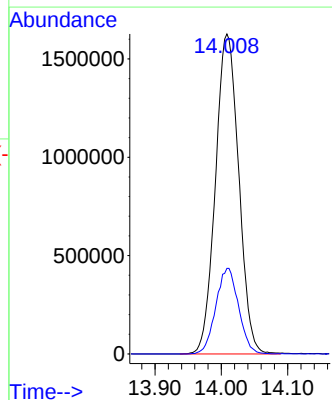
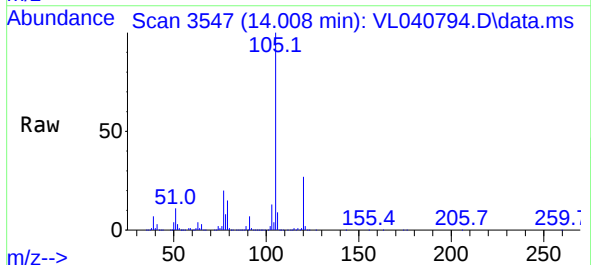
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

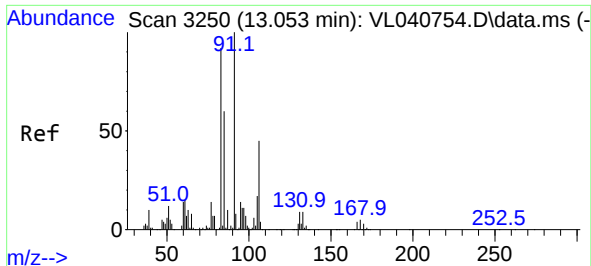
Tgt Ion:104 Resp: 1478701
Ion Ratio Lower Upper
104 100
78 51.2 39.8 59.6
103 46.1 37.5 56.3



#62
Isopropylbenzene
Concen: 8.260 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:105 Resp: 3963760
Ion Ratio Lower Upper
105 100
120 26.2 21.5 32.3

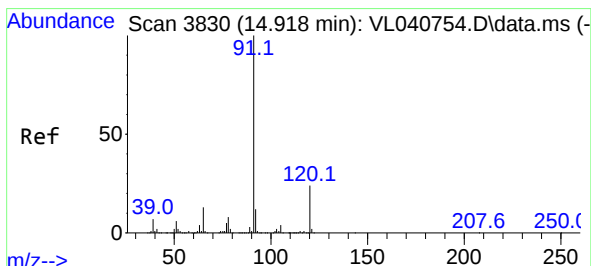
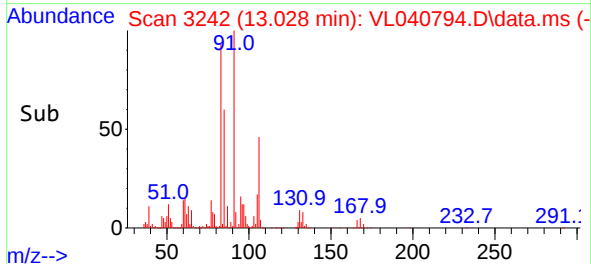
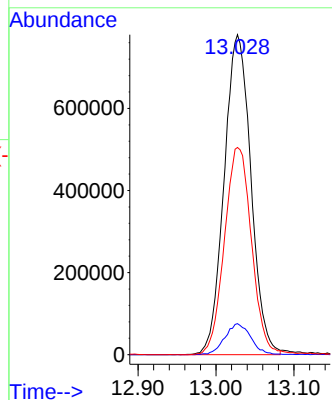
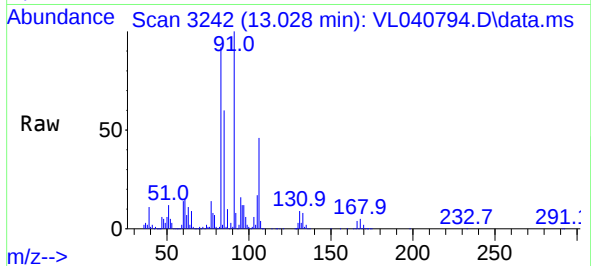




#63
1,1,2,2-Tetrachloroethane
Concen: 7.956 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

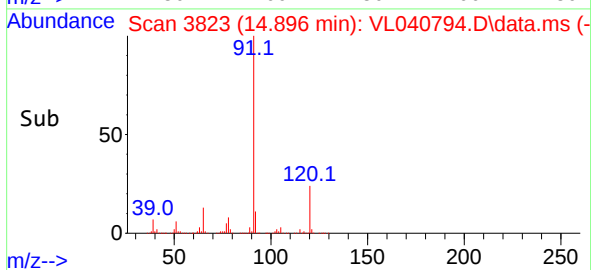
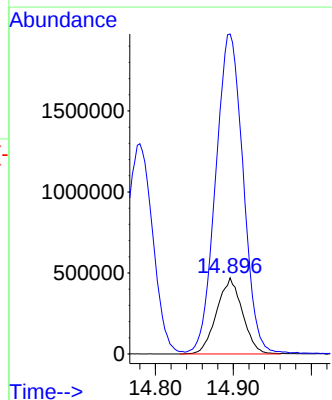
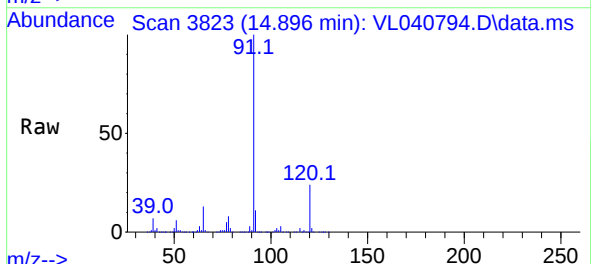
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

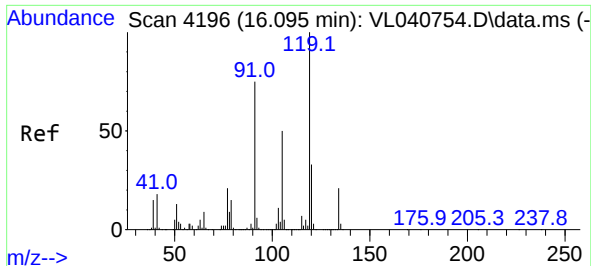
Tgt Ion: 83 Resp: 1860775
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 66.1 32.9 98.7



#64
n-propylbenzene
Concen: 8.334 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. -0.022 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:120 Resp: 1074363
Ion Ratio Lower Upper
120 100
91 452.9 345.9 518.9

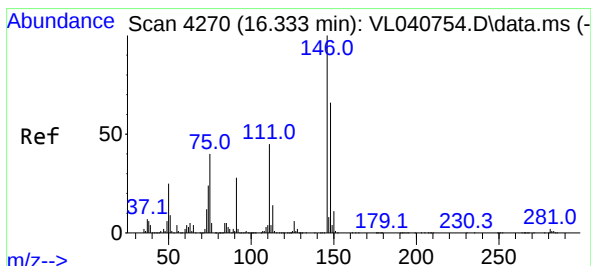
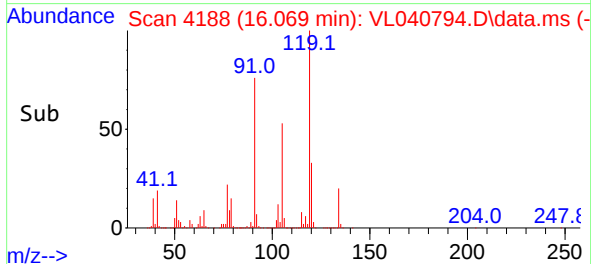
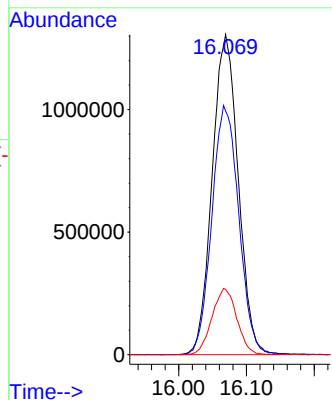
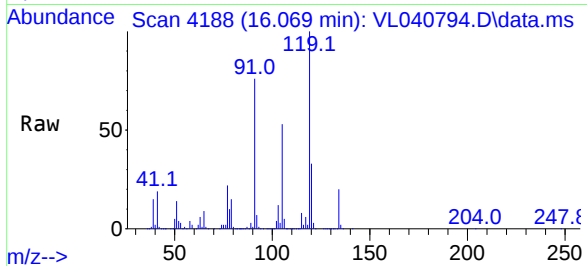




#65
tert-Butylbenzene
Concen: 8.058 ppbv
RT: 16.069 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

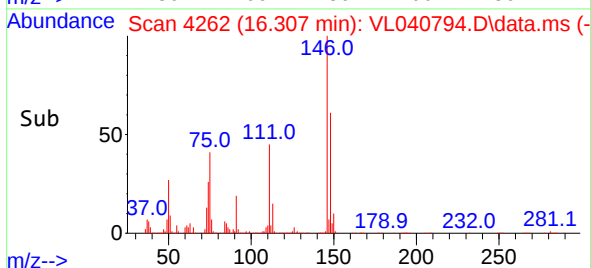
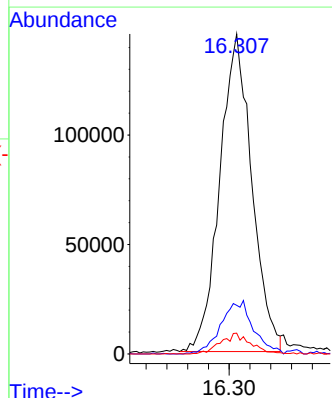
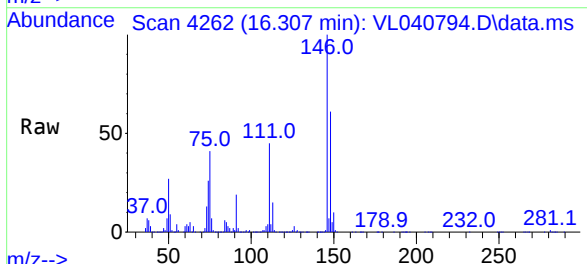
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

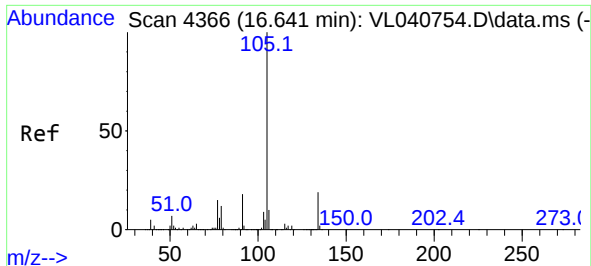
Tgt Ion:119 Resp: 3487972
Ion Ratio Lower Upper
119 100
91 80.6 62.2 93.2
134 19.7 16.1 24.1



#66
Benzyl Chloride
Concen: 7.134 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 91 Resp: 311115
Ion Ratio Lower Upper
91 100
126 17.6 16.1 24.1
128 6.2 5.2 7.8

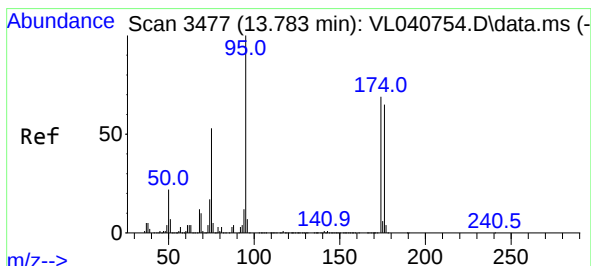
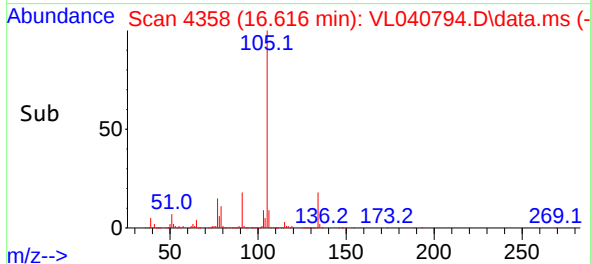
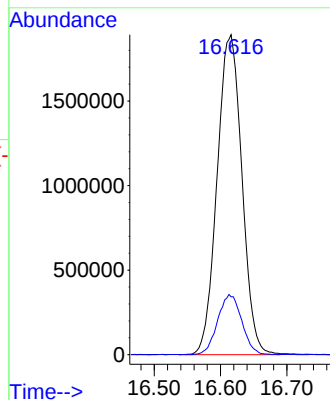
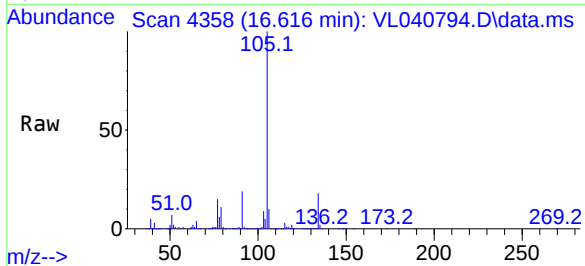




#67
sec-Butylbenzene
Concen: 8.290 ppbv
RT: 16.616 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

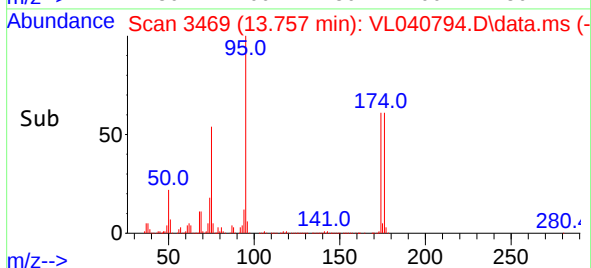
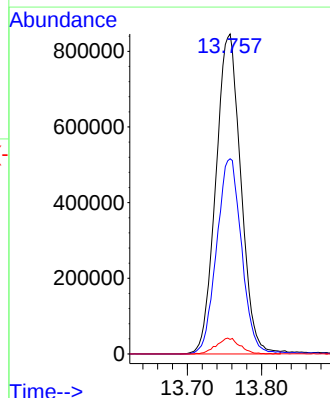
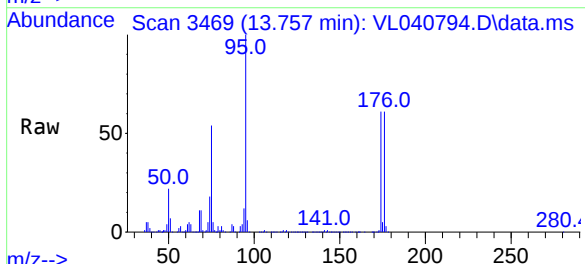
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

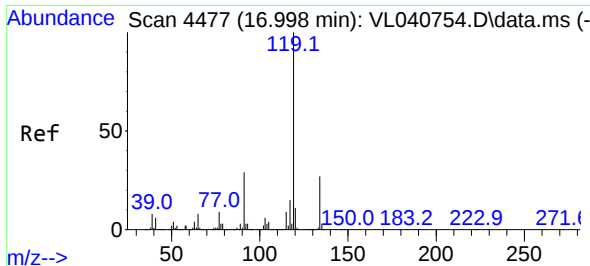
Tgt Ion:105 Resp: 4912786
Ion Ratio Lower Upper
105 100
134 18.3 15.4 23.2



#68
1-Bromo-4-Fluorobenzene
Concen: 8.508 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 95 Resp: 1977991
Ion Ratio Lower Upper
95 100
174 61.6 54.7 82.1
175 4.8 4.2 6.4

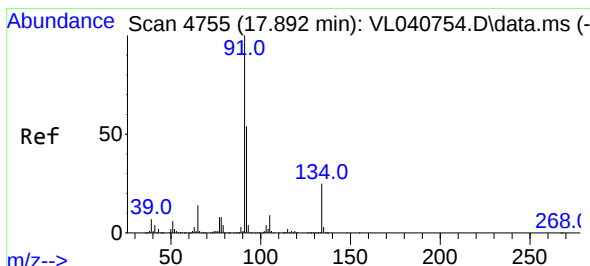
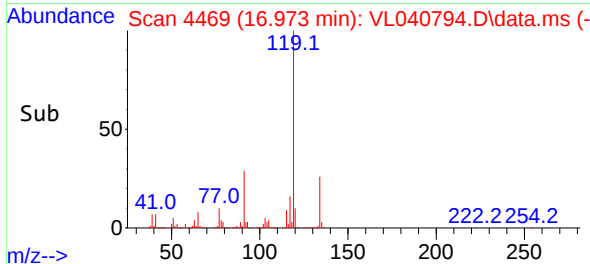
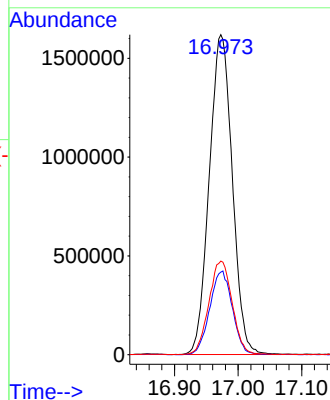
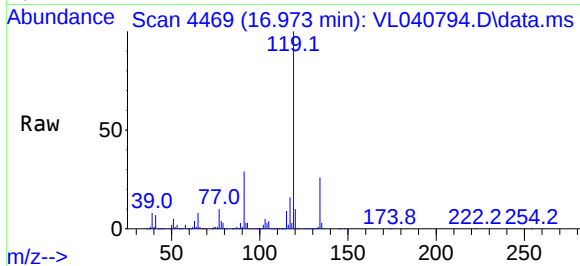




#69
p-Isopropyltoluene
Concen: 8.201 ppbv
RT: 16.973 min Scan# 4477
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

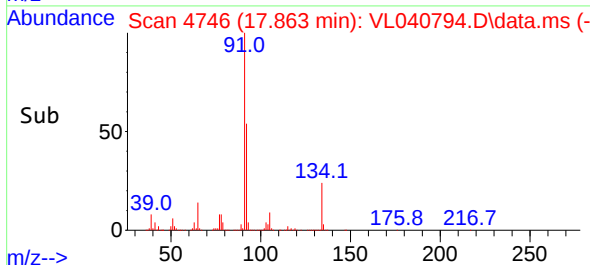
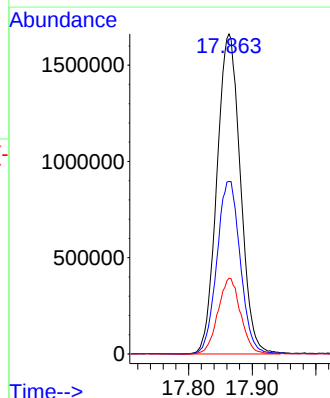
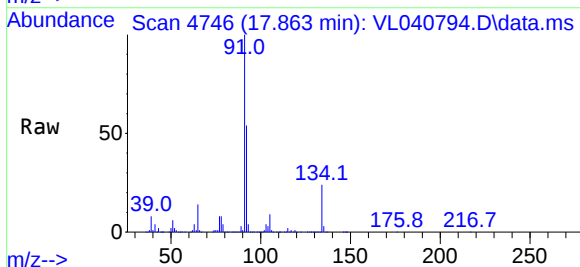
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

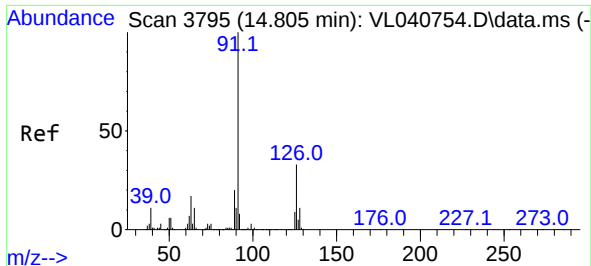
Tgt Ion:119 Resp: 4072495
Ion Ratio Lower Upper
119 100
134 25.7 21.0 31.4
91 29.6 22.8 34.2



#70
n-Butylbenzene
Concen: 8.732 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.029 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion: 91 Resp: 4257978
Ion Ratio Lower Upper
91 100
92 53.8 44.1 66.1
134 22.8 19.5 29.3

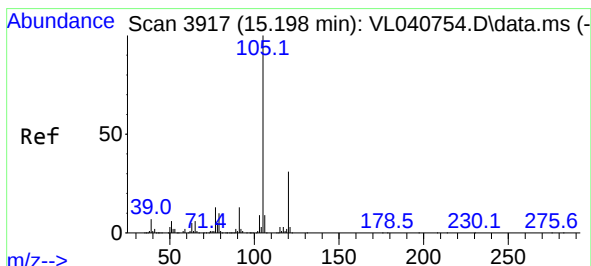
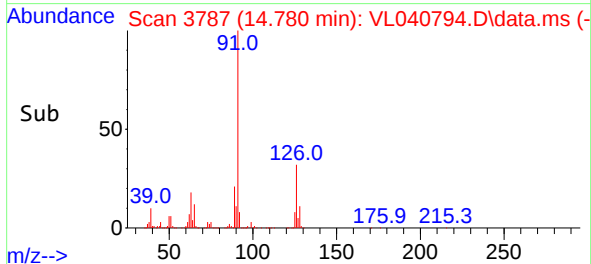
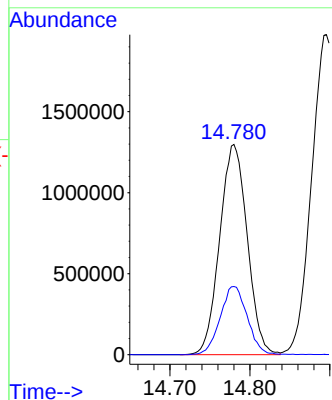
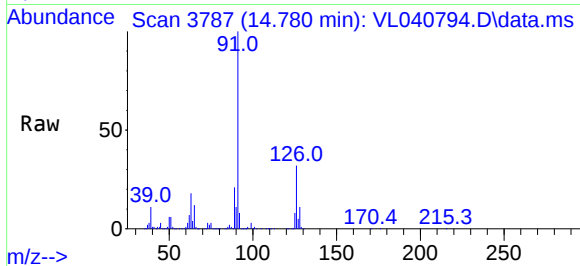




#71
2-Chlorotoluene
Concen: 8.619 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

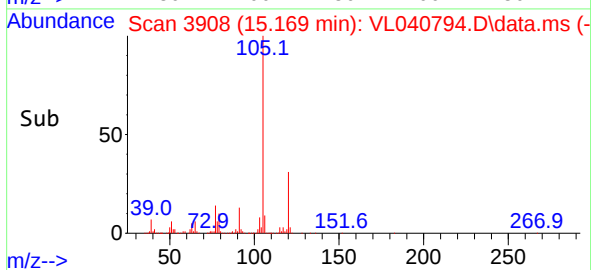
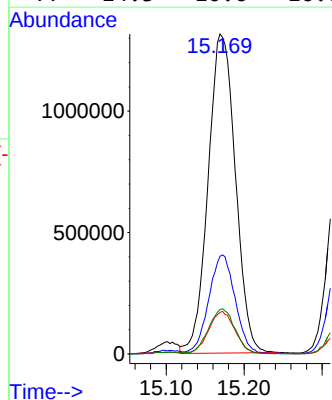
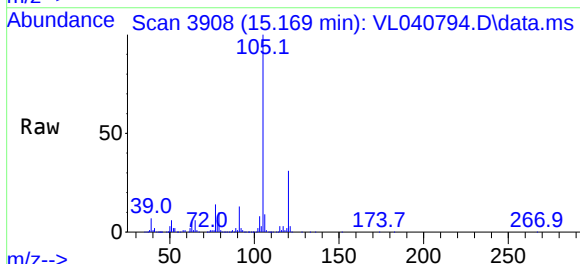
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

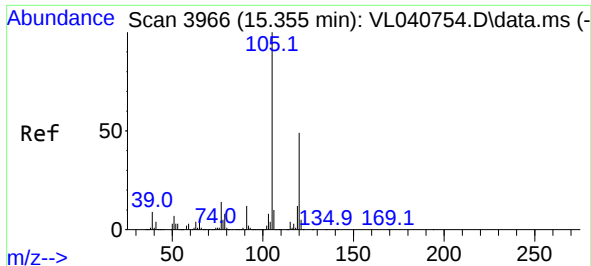
Tgt Ion: 91 Resp: 3107090
Ion Ratio Lower Upper
91 100
126 32.0 13.3 53.1



#72
4-Ethyltoluene
Concen: 8.760 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. -0.029 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:105 Resp: 3200101
Ion Ratio Lower Upper
105 100
120 30.2 25.0 37.4
91 12.9 9.8 14.8
77 14.3 10.6 16.0

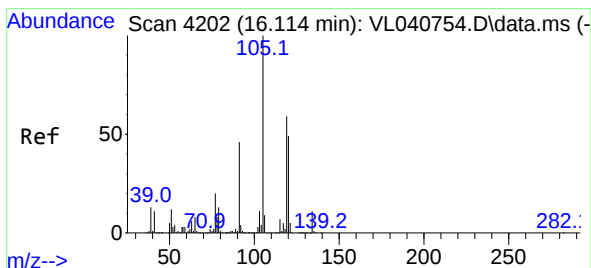
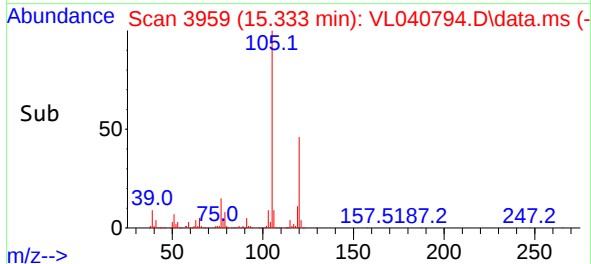
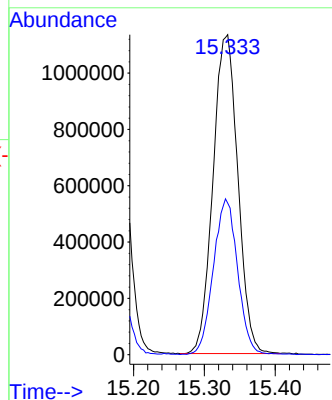
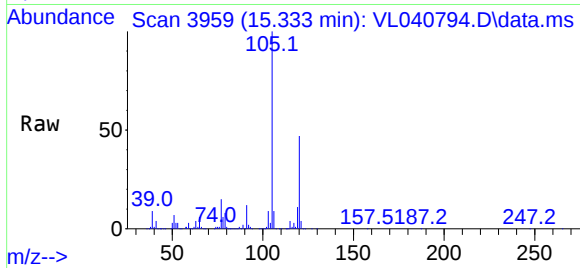




#73
 1,3,5-Trimethylbenzene
 Concen: 8.572 ppbv
 RT: 15.333 min Scan# 3966
 Delta R.T. -0.022 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

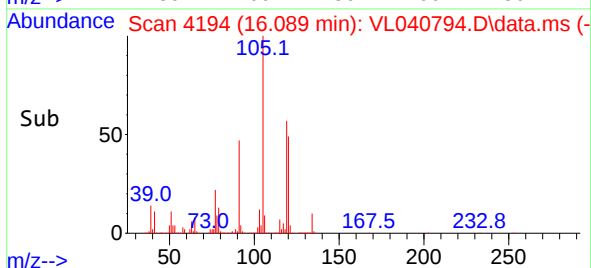
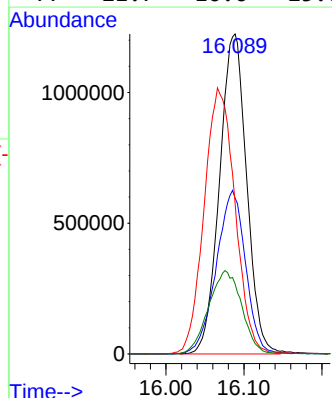
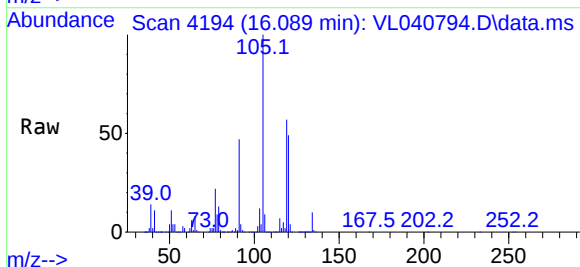
Instrument :
 MSVOA_L
 ClientSampleId :
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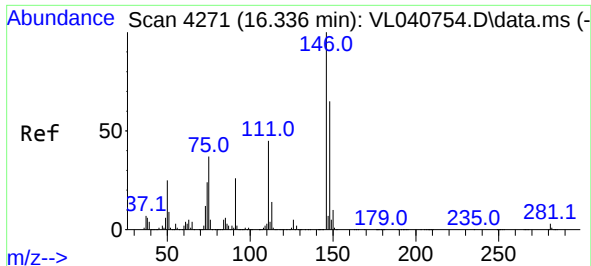
Tgt Ion:105 Resp: 2756994
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.418 ppbv
 RT: 16.089 min Scan# 4194
 Delta R.T. -0.026 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Tgt Ion:105 Resp: 2958175
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.4 59.2
 91 46.8 38.6 58.0
 77 21.7 16.6 25.0

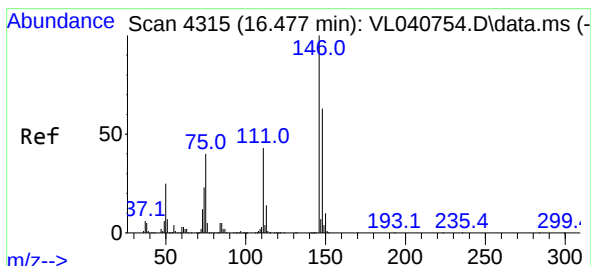
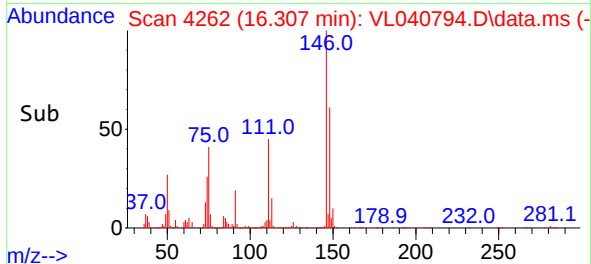
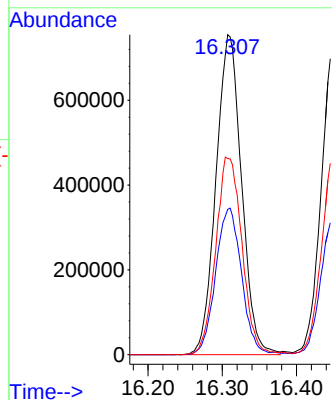
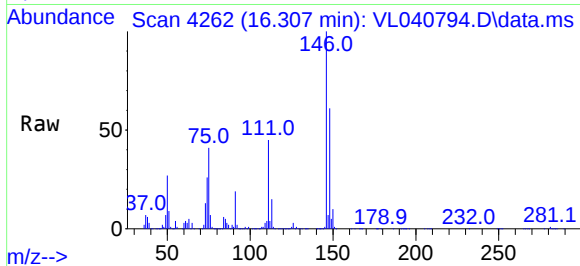




#75
1,3-Dichlorobenzene
Concen: 8.267 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

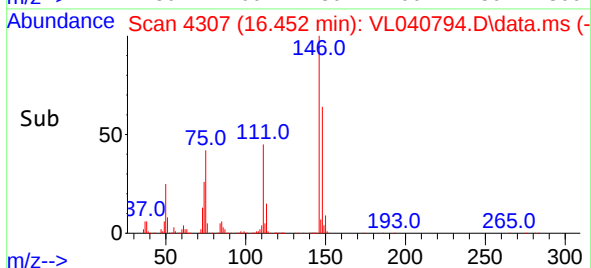
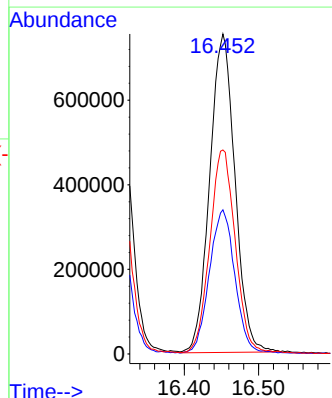
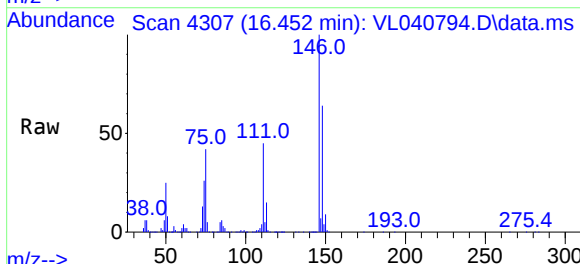
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

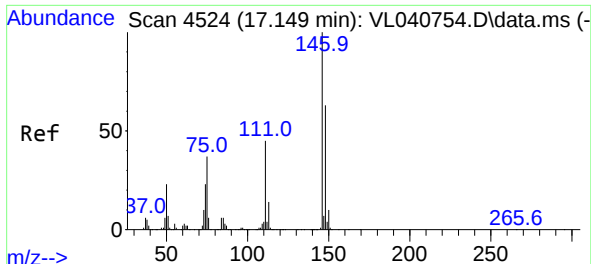
Tgt Ion:146 Resp: 1806797
Ion Ratio Lower Upper
146 100
111 46.6 22.6 67.7
148 63.6 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 8.219 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.026 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:146 Resp: 1778911
Ion Ratio Lower Upper
146 100
111 45.8 22.0 66.0
148 65.4 33.4 100.1

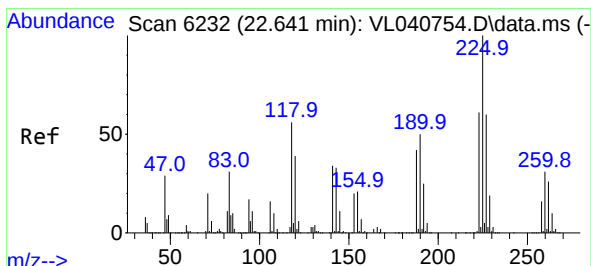
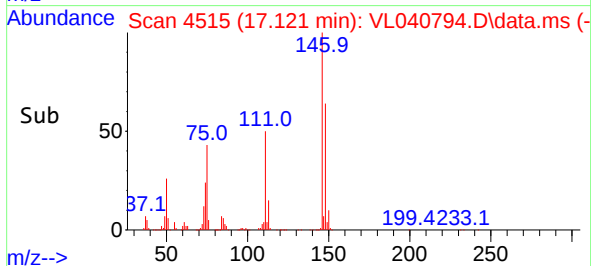
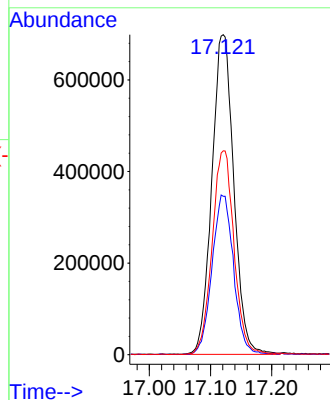
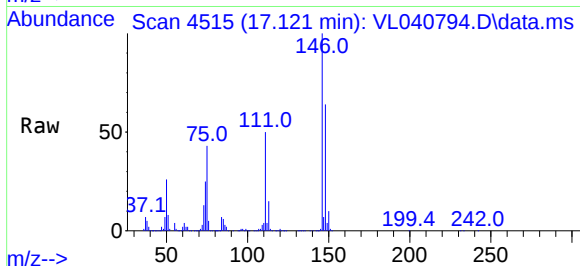




#77
1,2-Dichlorobenzene
Concen: 8.124 ppbv
RT: 17.121 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

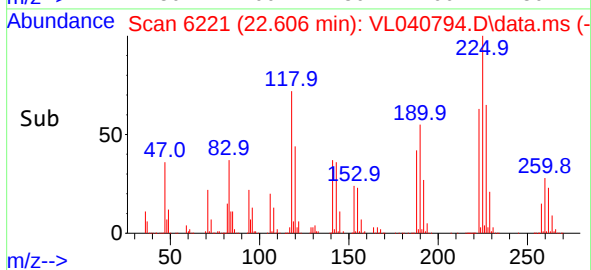
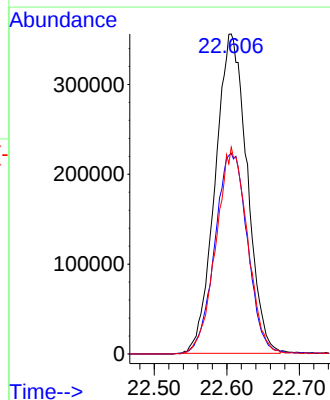
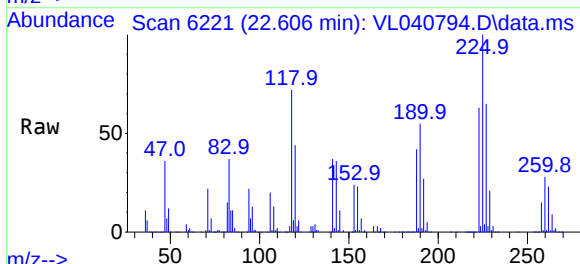
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

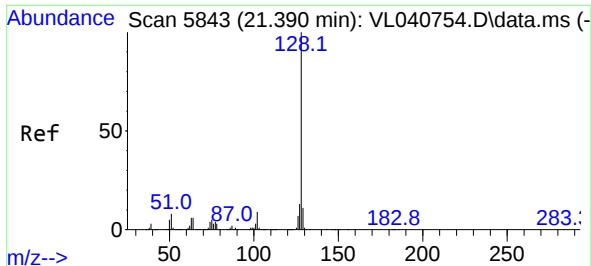
Tgt Ion:146 Resp: 1742037
Ion Ratio Lower Upper
146 100
111 49.3 22.9 68.8
148 63.8 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 7.075 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.035 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:225 Resp: 1085534
Ion Ratio Lower Upper
225 100
223 65.0 50.7 76.1
227 64.1 51.4 77.0

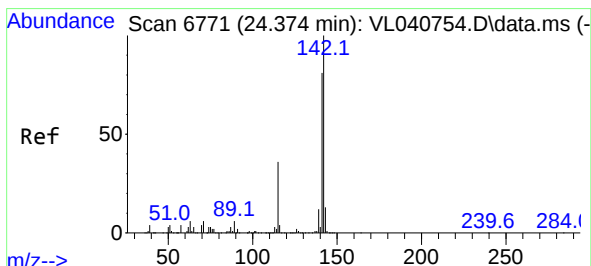
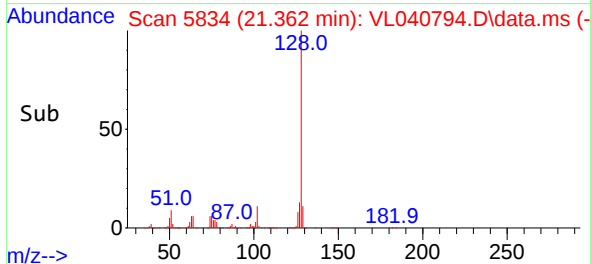
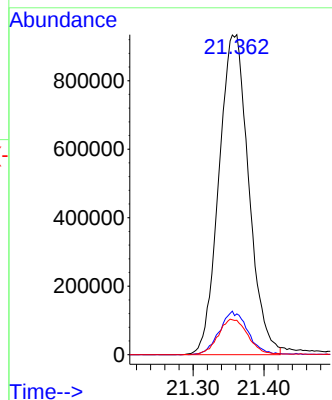
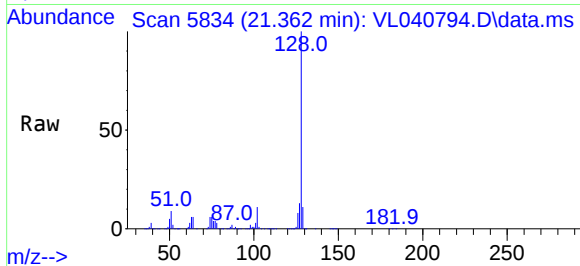




#79
Naphthalene
Concen: 9.561 ppbv
RT: 21.362 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

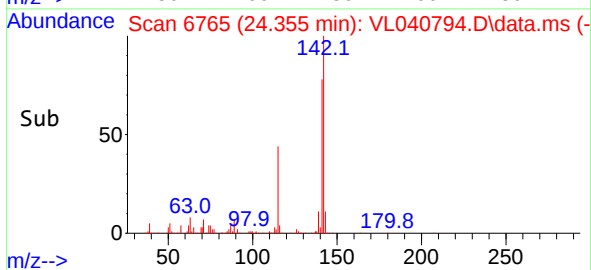
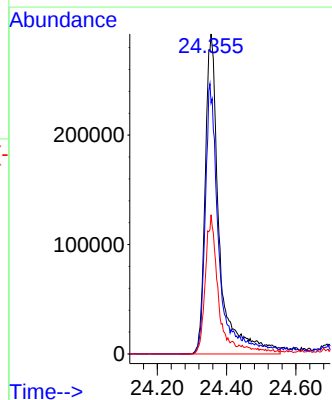
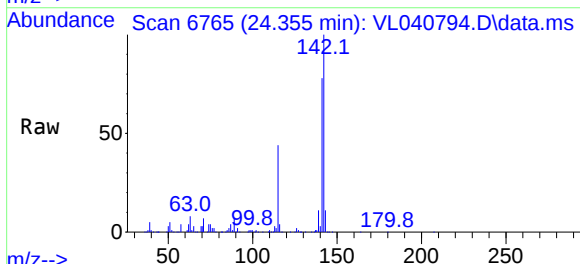
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

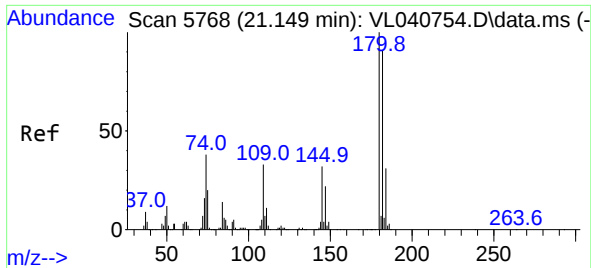
Tgt Ion:128 Resp: 2730978
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.7 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 10.318 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.019 min
Lab File: VL040794.D
Acq: 25 Oct 2023 9:40

Tgt Ion:142 Resp: 827045
Ion Ratio Lower Upper
142 100
141 82.6 66.3 99.5
115 41.7 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.734 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. -0.035 min
 Lab File: VL040794.D
 Acq: 25 Oct 2023 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 1354410

Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.9	116.9
184	31.1	25.0	37.6

