

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042395.D
 Acq On : 21 Apr 2025 08:41
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 22 02:50:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	118349	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	334726	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	297161	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	262155	10.736	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	214405	10.253	ppbv	95
3) Chlorodifluoromethane	1.473	51	172276	8.652	ppbv	96
4) Chloromethane	1.531	50	78242	9.455	ppbv	99
5) Vinyl Chloride	1.576	62	78692	8.736	ppbv	98
6) Bromomethane	1.664	94	36698	9.484	ppbv	92
7) Chloroethane	1.703	64	31945	9.806	ppbv	98
8) Dichlorotetrafluoroethane	1.551	85	182317	10.155	ppbv	94
9) Propene	1.483	41	67297	7.422	ppbv	98
10) Heptane	4.972	43	178981	7.026	ppbv	98
11) Trichlorofluoromethane	1.874	101	205368	10.328	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	154701	9.515	ppbv	99
13) Ethanol	1.719	45	4511	3.130	ppbv	88
14) Bromoethene	1.780	108	59325	9.680	ppbv	98
15) Acetone	1.832	43	168061	8.675	ppbv	99
16) 1,3-Butadiene	1.606	39	81189	8.762	ppbv	96
17) tert-Butyl alcohol	2.036	59	221320	9.218	ppbv	100
18) 1,1-Dichloroethene	2.030	96	70214	9.244	ppbv	97
19) Isopropyl Alcohol	1.884	45	98218	9.126	ppbv	94
20) Methylene Chloride	2.059	84	60052	7.915	ppbv	92
21) Allyl Chloride	2.091	41	121139	9.056	ppbv	97
22) trans-1,2-Dichloroethene	2.337	96	79496	9.192	ppbv	92
23) Vinyl Acetate	2.457	43	57298	7.306	ppbv	97
24) 1,1-Dichloroethane	2.405	63	154500	9.405	ppbv	100
25) Ethyl Acetate	2.832	43	392210	8.211	ppbv	99
26) Hexane	2.823	57	150573	7.789	ppbv	98
27) Carbon Disulfide	2.146	76	199908	9.658	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	106569	8.414	ppbv	95
29) Chloroform	2.845	83	259635	9.502	ppbv	98
30) Cyclohexane	3.852	84	126496	8.095	ppbv	97
31) cis-1,2-Dichloroethene	2.716	61	166357	9.051	ppbv	98
32) 1,1,1-Trichloroethane	3.363	97	285590	9.284	ppbv	99
34) 2-Butanone	2.554	43	220144	8.316	ppbv	99
35) Carbon Tetrachloride	3.755	117	291229	9.614	ppbv	91
36) Benzene	3.651	78	303987	8.420	ppbv	97
37) 1,2-Dichloroethane	3.214	62	221151	10.206	ppbv	97
38) Trichloroethene	4.541	130	123150	7.804	ppbv	94
39) 1,2-Dichloropropane	4.305	63	107877	8.018	ppbv #	88
40) 1,4-Dioxane	4.574	88	53874	7.286	ppbv #	94
41) Tetrahydrofuran	3.049	42	118863	7.701	ppbv	99
42) Bromodichloromethane	4.483	83	295552	9.800	ppbv	98
43) Methyl Methacrylate	4.875	69	124747	7.667	ppbv	95
44) 2,2,4-Trimethylpentane	4.629	57	507437	8.138	ppbv	95
45) t-1,3-Dichloropropene	6.406	75	142879	8.596	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042395.D
 Acq On : 21 Apr 2025 08:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

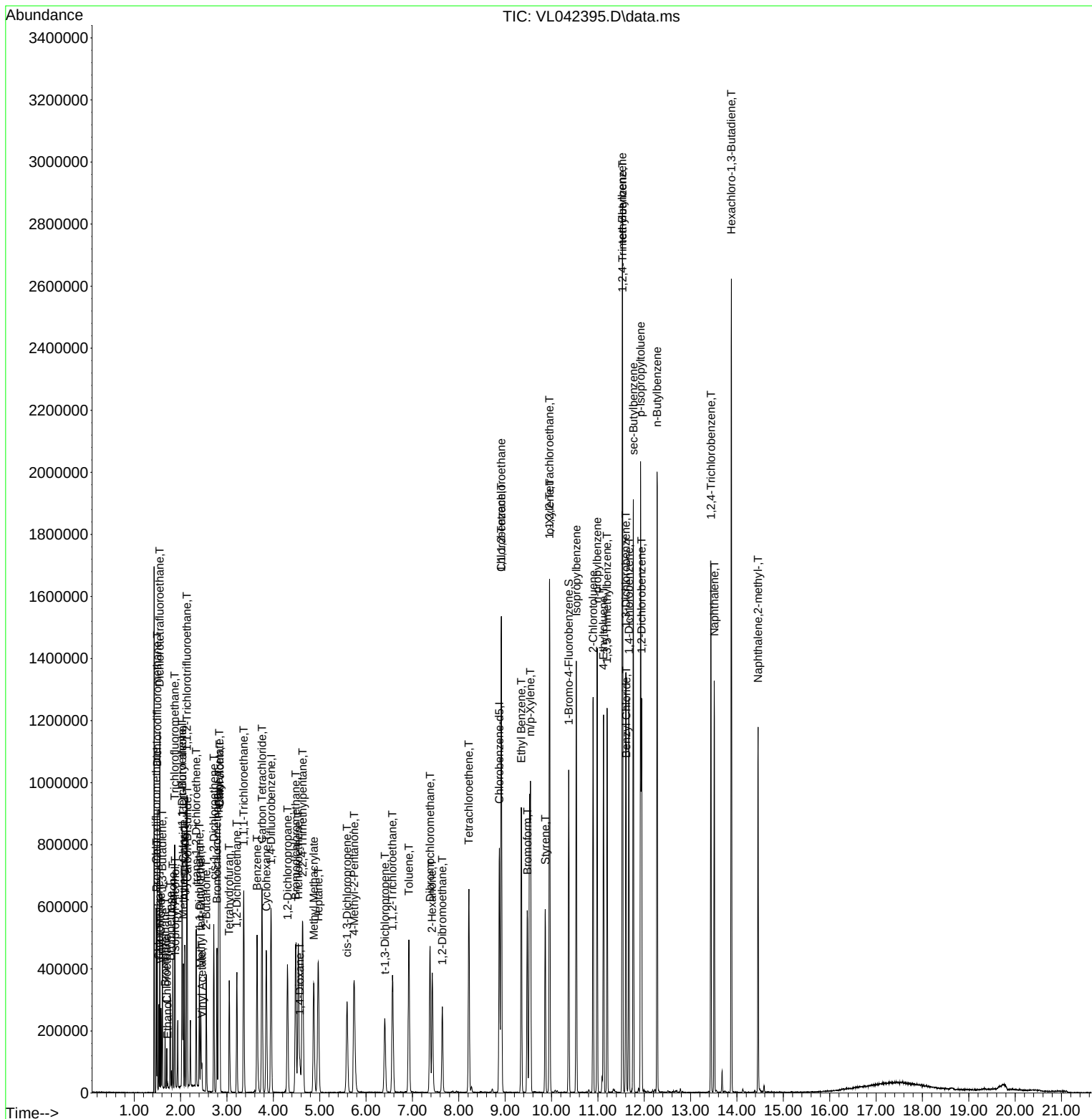
Instrument :
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 ClientSampleId :
 VSTDCCC010

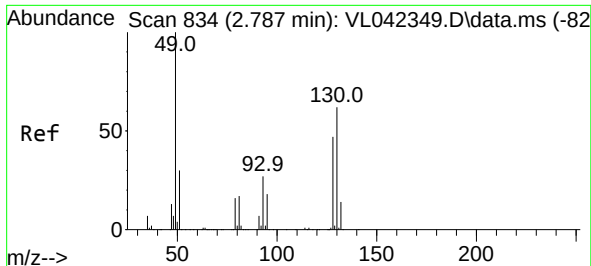
Quant Time: Apr 22 02:50:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	174844	8.595	ppbv	88
47) 1,1,2-Trichloroethane	6.571	97	119399	8.711	ppbv	92
48) Dibromochloromethane	7.380	129	229466	9.476	ppbv	99
49) Bromoform	9.480	173	187094	8.836	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	321752	7.314	ppbv	99
51) 2-Hexanone	7.425	43	260009	6.590	ppbv #	95
52) Tetrachloroethene	8.218	164	104294	7.474	ppbv	90
53) Toluene	6.923	91	355540	8.206	ppbv	99
54) 1,2-Dibromoethane	7.642	107	169774	8.654	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.917	131	170285	9.468	ppbv	96
57) Chlorobenzene	8.917	112	276428	8.944	ppbv	98
58) Ethyl Benzene	9.348	91	517937	8.797	ppbv	100
59) m/p-Xylene	9.545	91	410830	8.662	ppbv #	33
60) o-Xylene	9.959	91	433569	9.078	ppbv	96
61) Styrene	9.866	104	192729	8.454	ppbv	96
62) Isopropylbenzene	10.535	105	625514	8.920	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.956	83	250238	8.085	ppbv	100
64) n-propylbenzene	10.985	120	154114	8.744	ppbv	97
65) tert-Butylbenzene	11.526	119	570548	8.853	ppbv	96
66) Benzyl Chloride	11.610	91	57090	8.061	ppbv	99
67) sec-Butylbenzene	11.765	105	797738	8.899	ppbv	99
69) p-Isopropyltoluene	11.921	119	684482	8.789	ppbv	97
70) n-Butylbenzene	12.277	91	720062	8.877	ppbv	97
71) 2-Chlorotoluene	10.898	91	493192	8.967	ppbv	97
72) 4-Ethyltoluene	11.121	105	521390	8.929	ppbv	97
73) 1,3,5-Trimethylbenzene	11.199	105	451158	8.752	ppbv	96
74) 1,2,4-Trimethylbenzene	11.532	105	502117	8.340	ppbv #	87
75) 1,3-Dichlorobenzene	11.604	146	264024	8.436	ppbv	97
76) 1,4-Dichlorobenzene	11.668	146	265655	8.445	ppbv	98
77) 1,2-Dichlorobenzene	11.943	146	260133	8.548	ppbv	97
78) Hexachloro-1,3-Butadiene	13.879	225	245910	8.002	ppbv	99
79) Naphthalene	13.510	128	570593	7.925	ppbv	100
80) Naphthalene,2-methyl-	14.455	142	304139	7.412	ppbv	96
81) 1,2,4-Trichlorobenzene	13.439	180	250801	8.112	ppbv	99

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

Quant Time: Apr 22 02:50:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
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QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

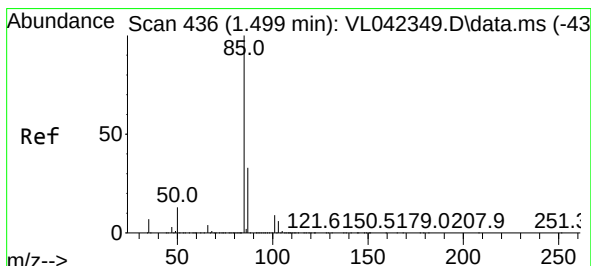
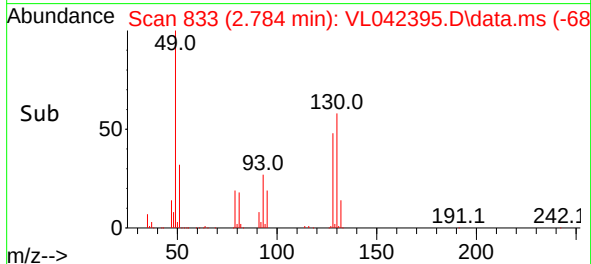
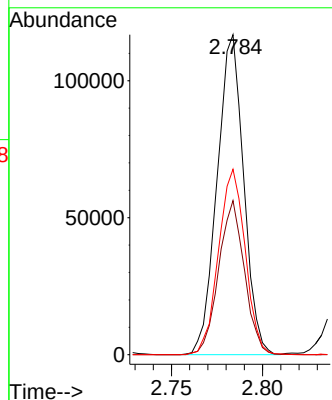
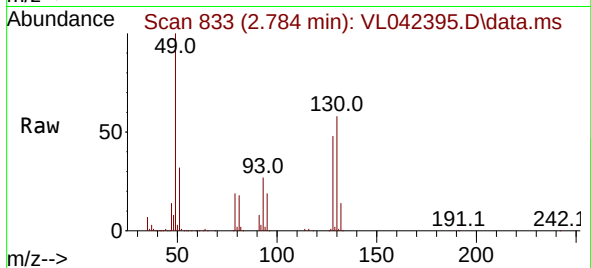




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

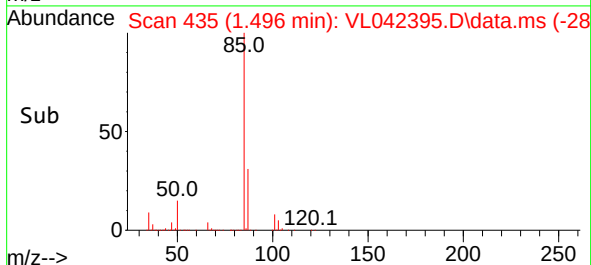
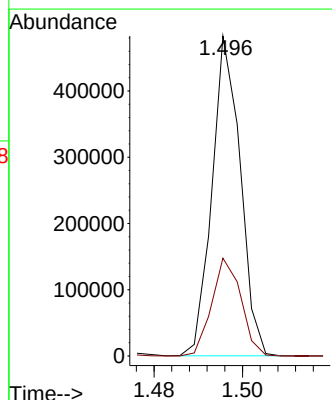
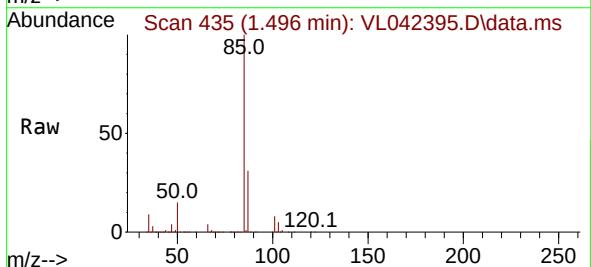
Instrument :
MSVOA_L
ClientSampleId :
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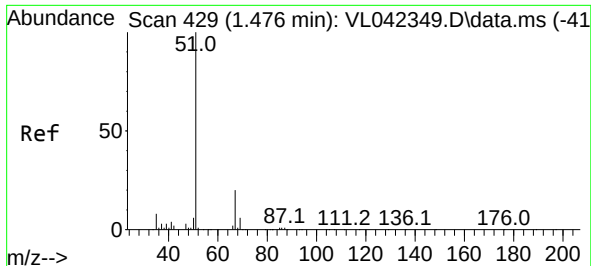
Tgt Ion: 49 Resp: 118349
Ion Ratio Lower Upper
49 100
128 46.7 22.8 68.4
130 58.2 29.3 88.0



#2
Dichlorodifluoromethane
Concen: 10.253 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 85 Resp: 214405
Ion Ratio Lower Upper
85 100
87 30.6 26.6 39.8

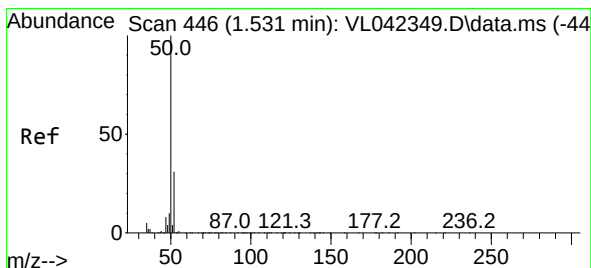
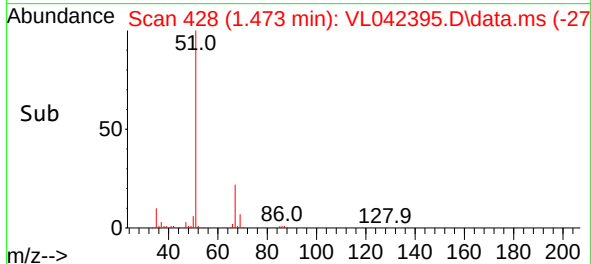
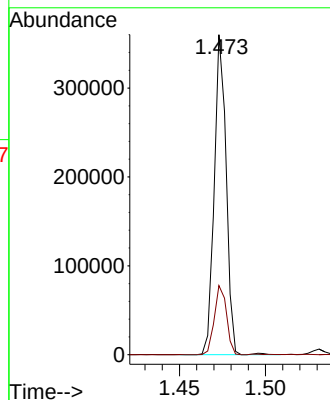
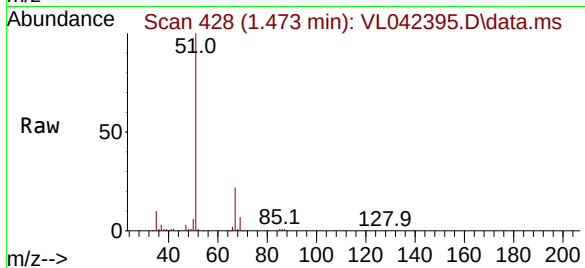




#3
Chlorodifluoromethane
Concen: 8.652 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

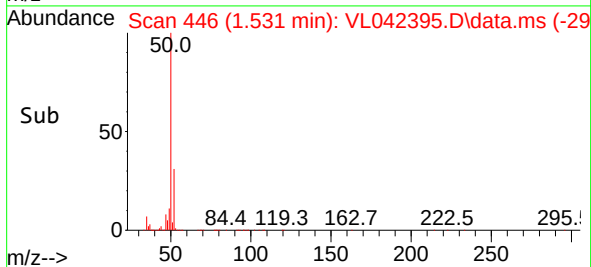
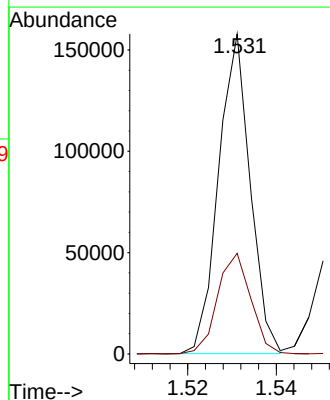
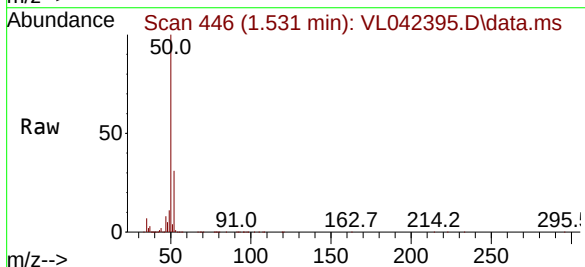
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

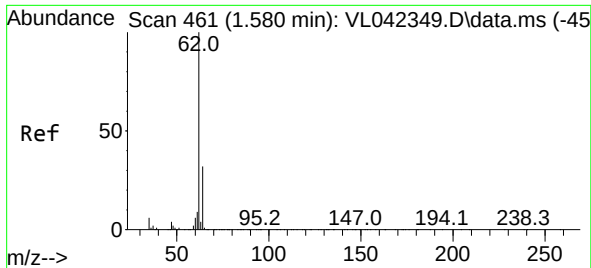
Tgt Ion: 51 Resp: 172276
Ion Ratio Lower Upper
51 100
67 22.2 16.2 24.4



#4
Chloromethane
Concen: 9.455 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 50 Resp: 78242
Ion Ratio Lower Upper
50 100
52 31.4 24.7 37.1

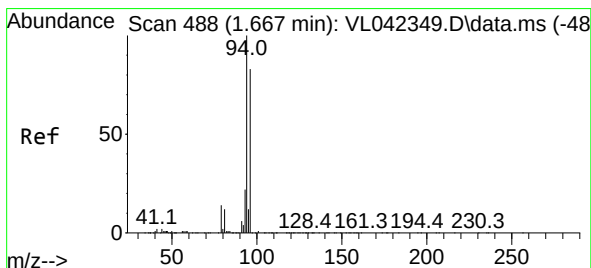
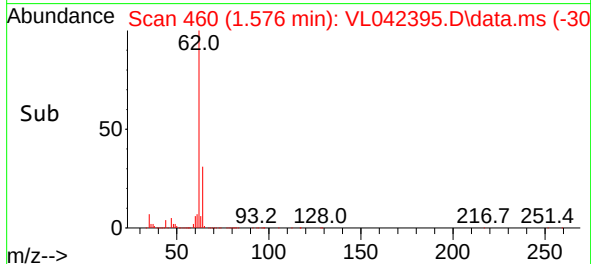
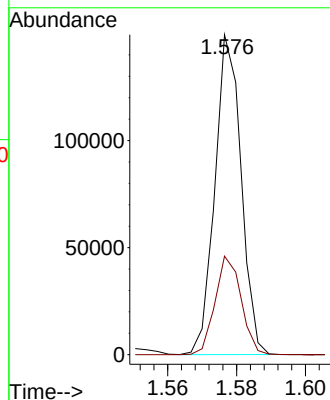
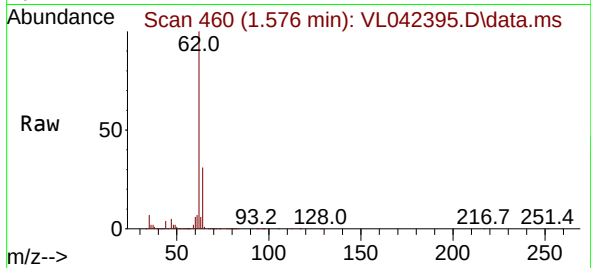




#5
 Vinyl Chloride
 Concen: 8.736 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

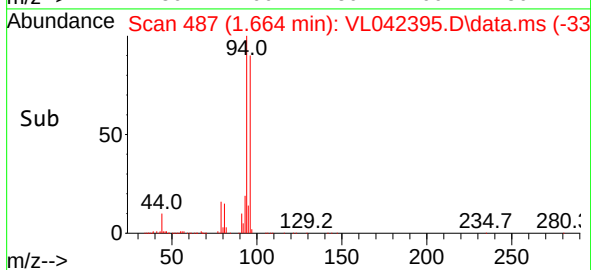
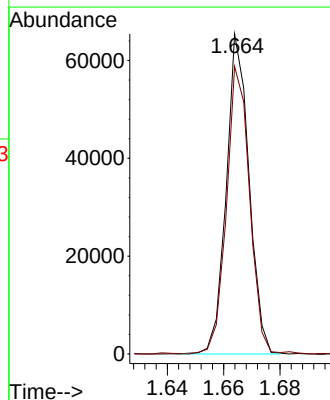
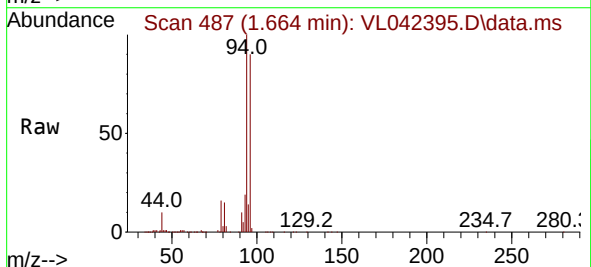
Instrument :
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 ClientSampleId :
 VSTDCCC010

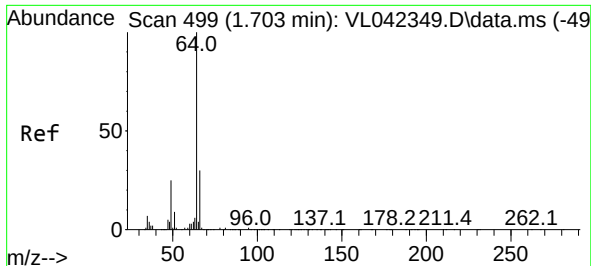
Tgt Ion: 62 Resp: 78692
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.4 38.0



#6
 Bromomethane
 Concen: 9.484 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion: 94 Resp: 36698
 Ion Ratio Lower Upper
 94 100
 96 89.8 66.2 99.2

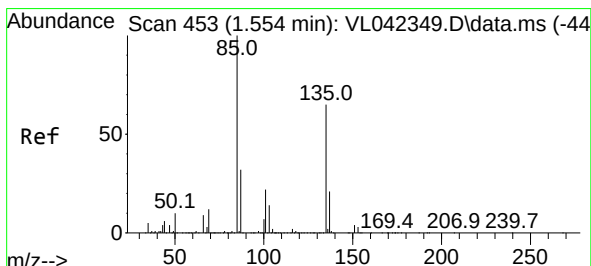
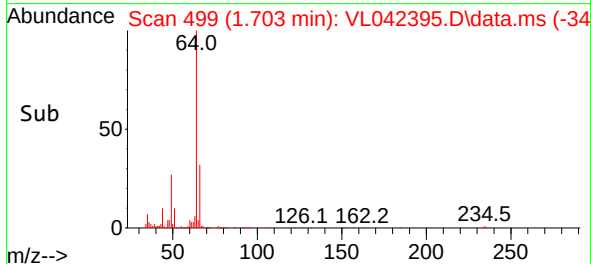
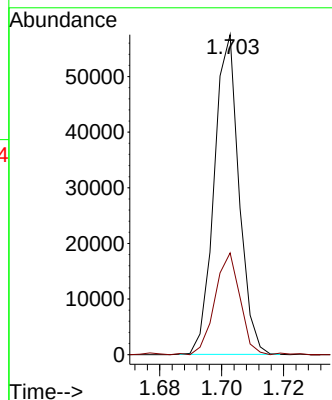
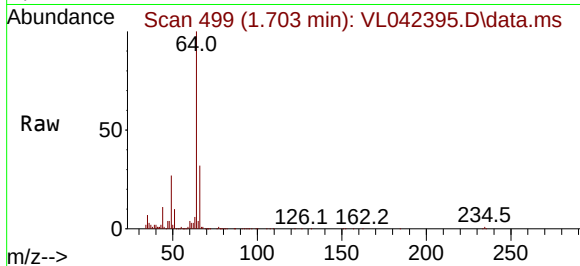




#7
Chloroethane
Concen: 9.806 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

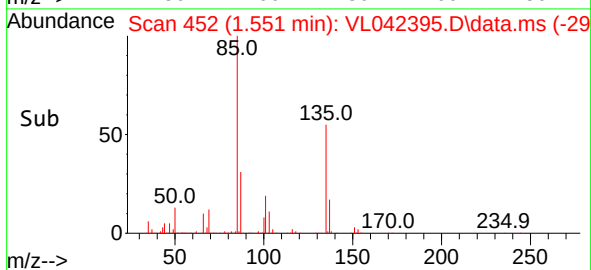
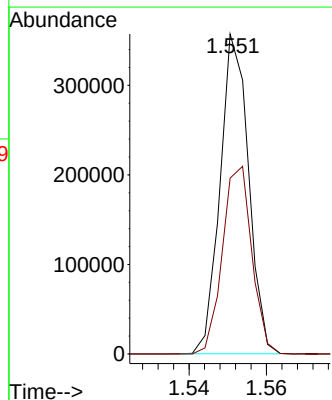
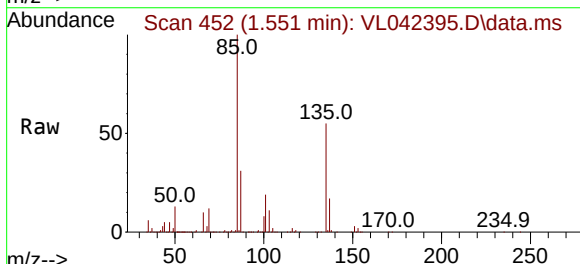
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

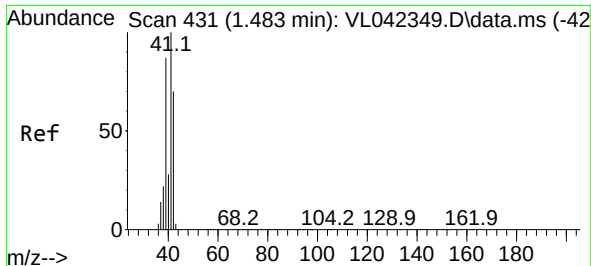
Tgt Ion: 64 Resp: 31945
Ion Ratio Lower Upper
64 100
66 31.8 24.6 37.0



#8
Dichlorotetrafluoroethane
Concen: 10.155 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 85 Resp: 182317
Ion Ratio Lower Upper
85 100
135 60.7 52.2 78.2





#9

Propene

Concen: 7.422 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

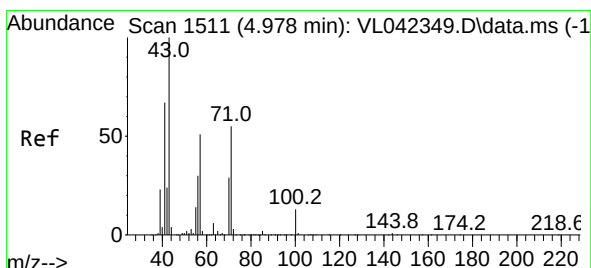
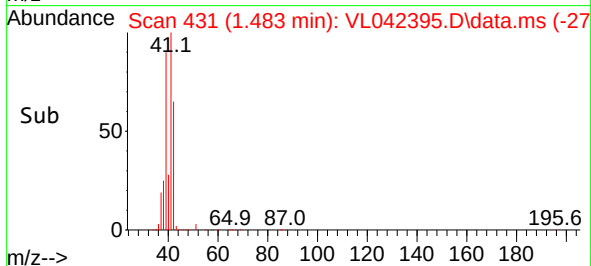
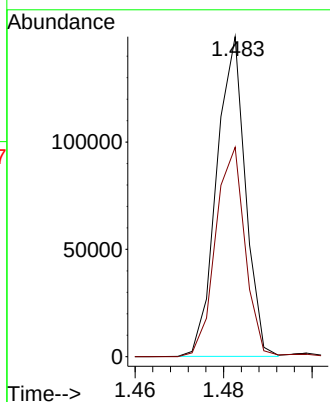
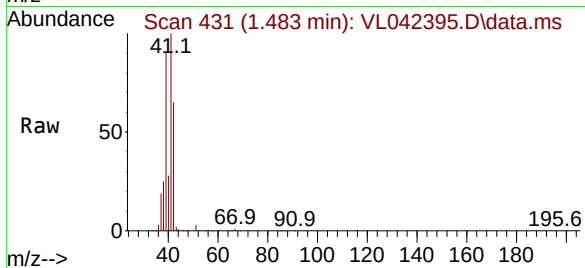
VSTDCCC010

Tgt Ion: 41 Resp: 67297

Ion Ratio Lower Upper

41 100

42 68.8 56.2 84.4



#10

Heptane

Concen: 7.026 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VL042395.D

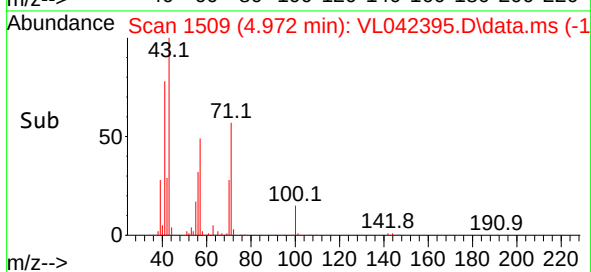
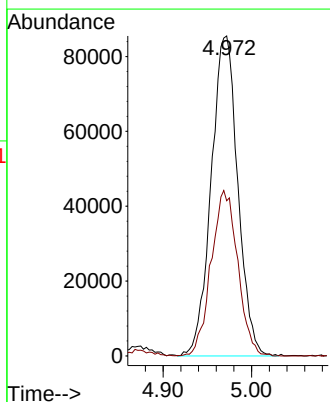
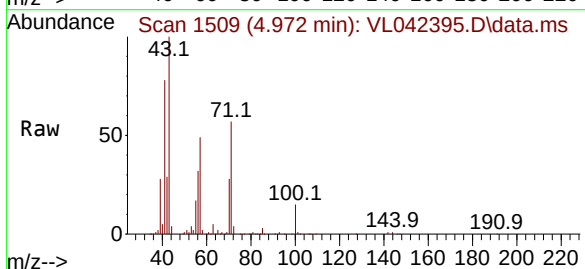
Acq: 21 Apr 2025 08:41

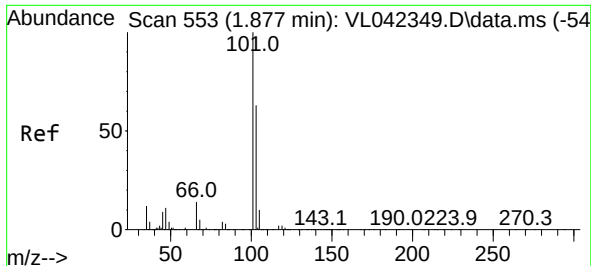
Tgt Ion: 43 Resp: 178981

Ion Ratio Lower Upper

43 100

57 51.6 39.9 59.9

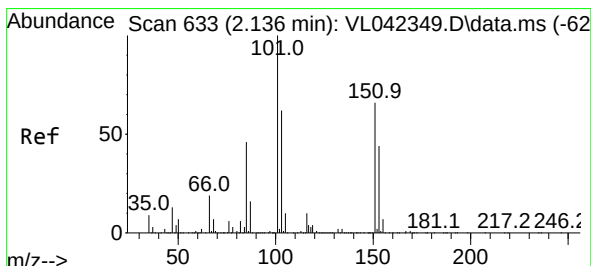
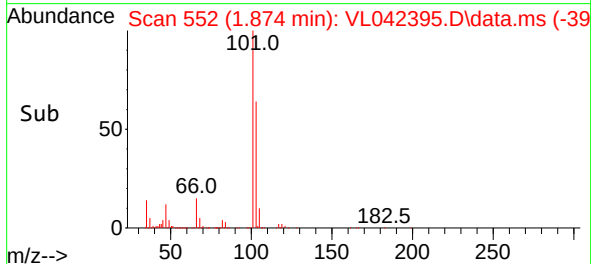
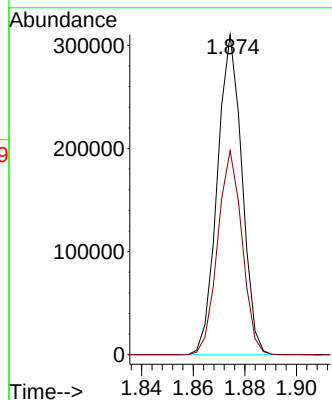
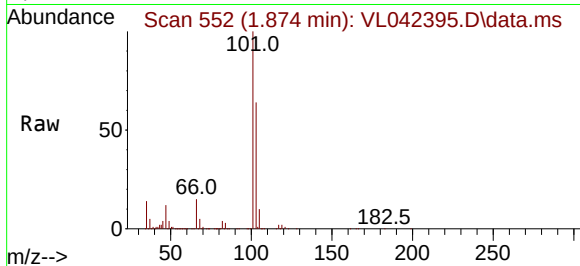




#11
 Trichlorofluoromethane
 Concen: 10.328 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

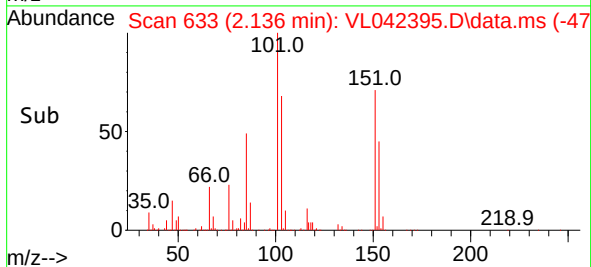
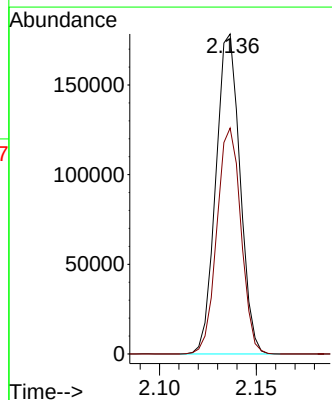
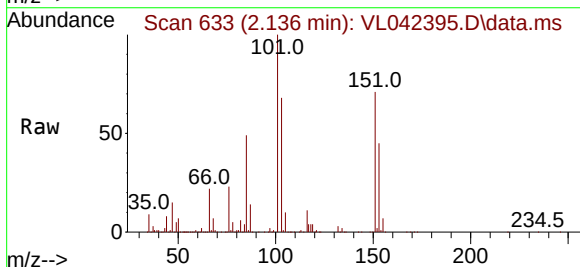
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

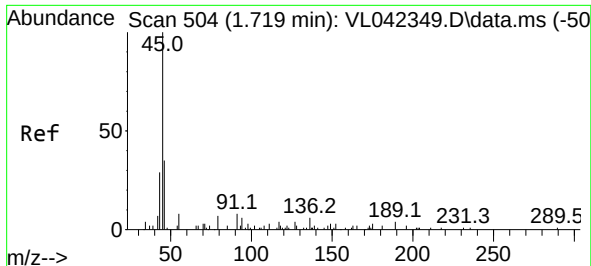
Tgt Ion:101 Resp: 205368
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.515 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion:101 Resp: 154701
 Ion Ratio Lower Upper
 101 100
 151 70.4 57.0 85.6

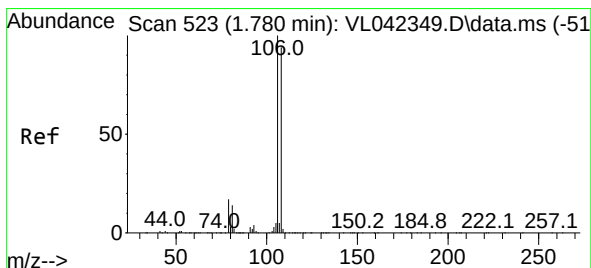
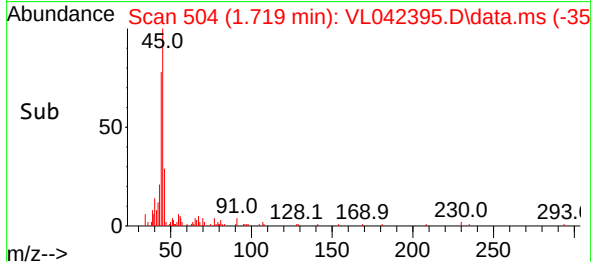
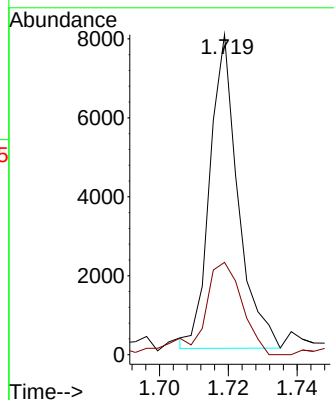
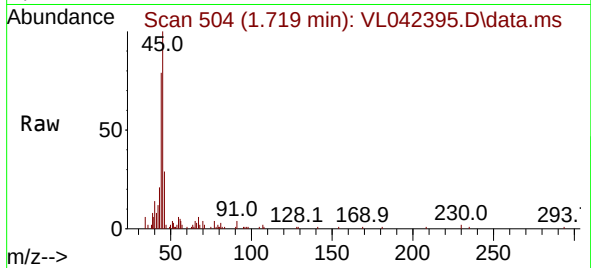




#13
Ethanol
Concen: 3.130 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

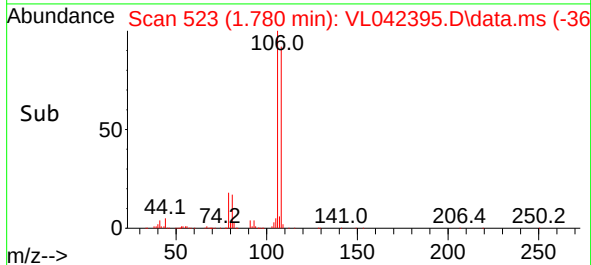
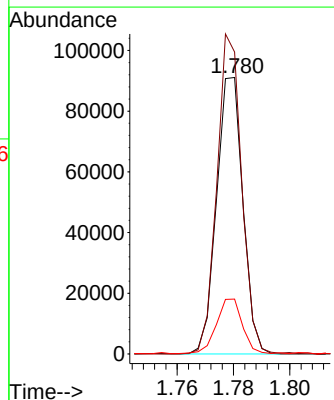
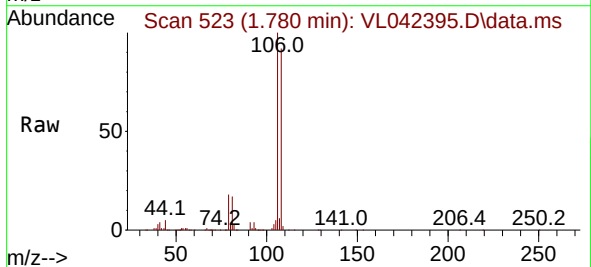
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

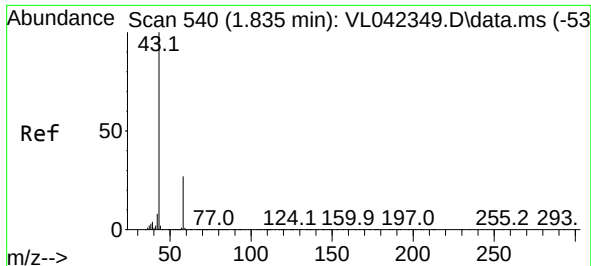
Tgt Ion: 45 Resp: 4511
Ion Ratio Lower Upper
45 100
46 45.8 21.9 87.7



#14
Bromoethene
Concen: 9.680 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 108 Resp: 59325
Ion Ratio Lower Upper
108 100
106 108.9 85.9 128.9
79 19.7 13.9 20.9

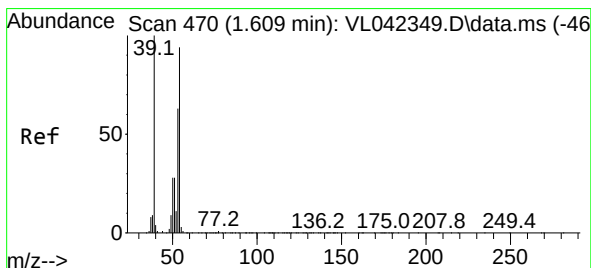
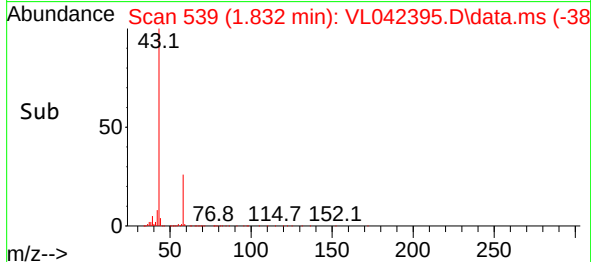
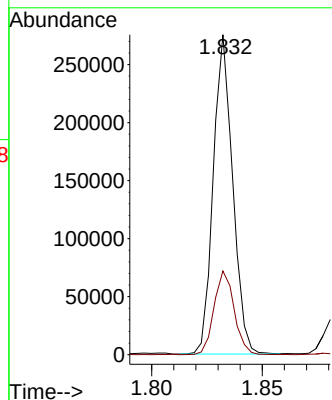
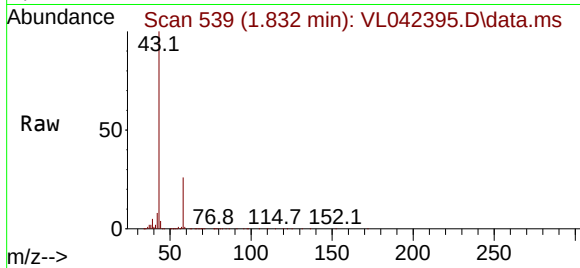




#15
Acetone
Concen: 8.675 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

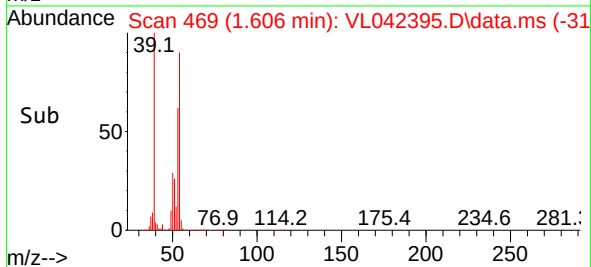
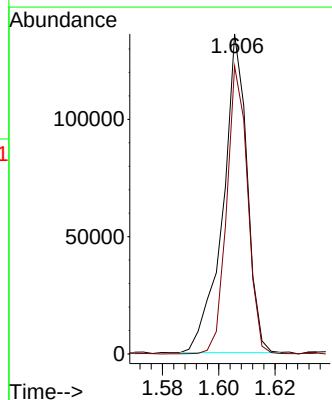
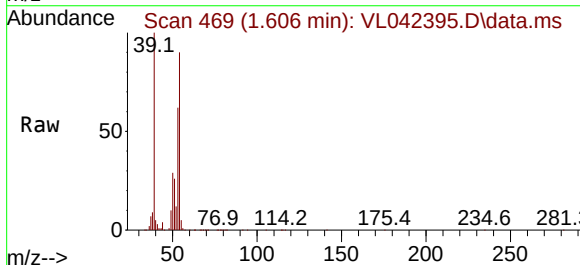
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

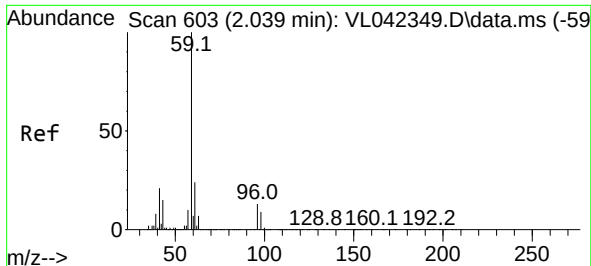
Tgt Ion: 43 Resp: 168061
Ion Ratio Lower Upper
43 100
58 27.4 22.4 33.6



#16
1,3-Butadiene
Concen: 8.762 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 39 Resp: 81189
Ion Ratio Lower Upper
39 100
54 77.6 64.9 97.3





#17

tert-Butyl alcohol

Concen: 9.218 ppbv

RT: 2.036 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

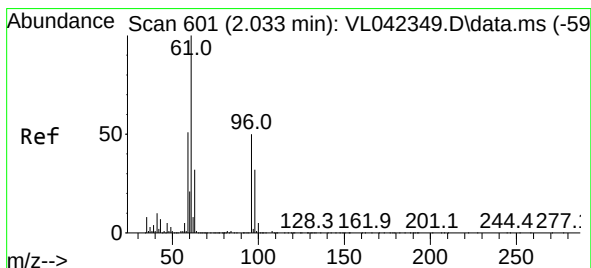
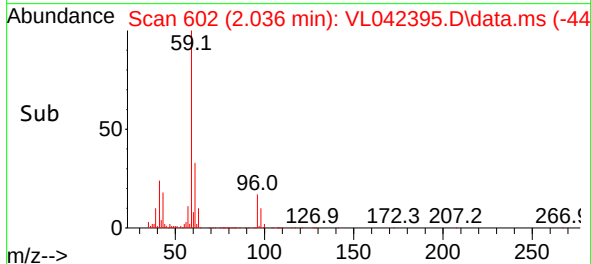
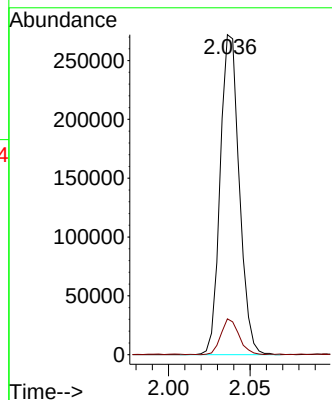
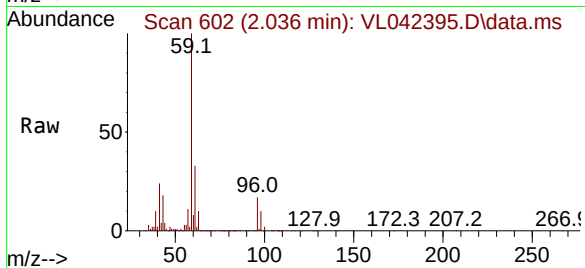
VSTDCCC010

Tgt Ion: 59 Resp: 221320

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.244 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

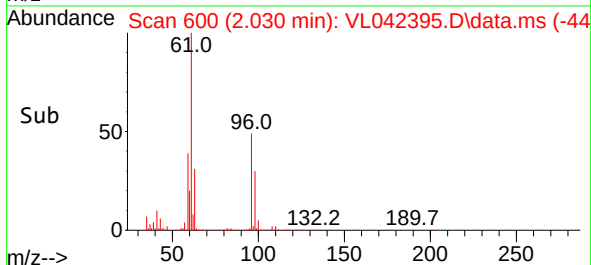
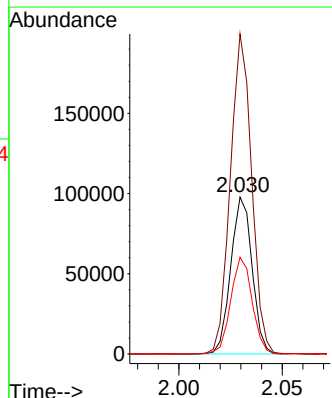
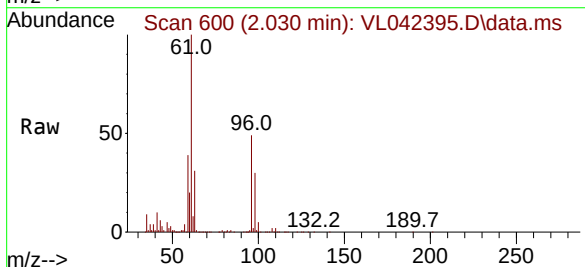
Tgt Ion: 96 Resp: 70214

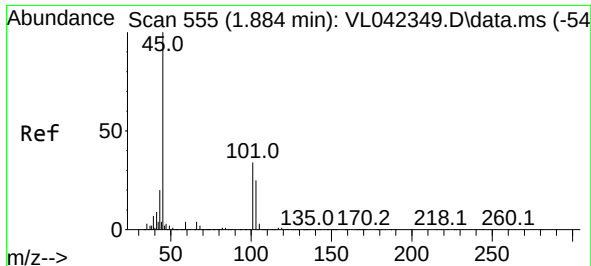
Ion Ratio Lower Upper

96 100

61 204.0 160.2 240.2

98 61.7 51.0 76.4

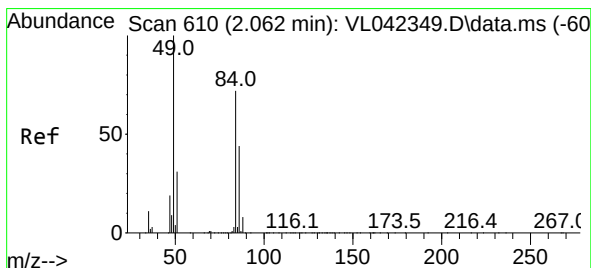
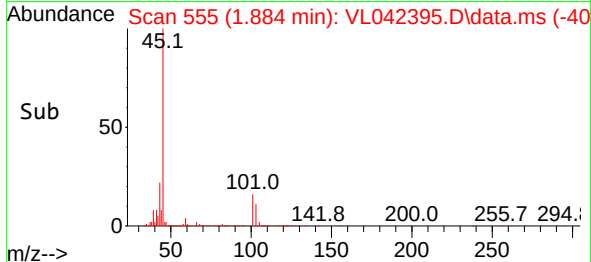
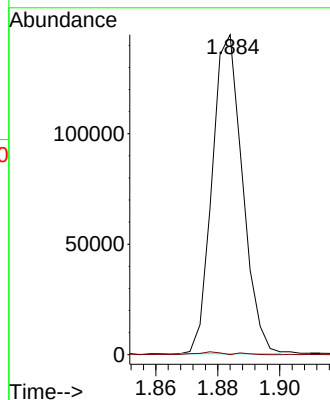
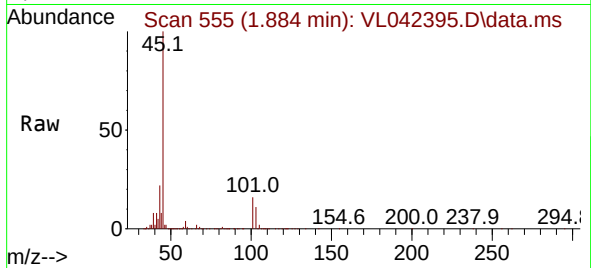




#19
Isopropyl Alcohol
Concen: 9.126 ppbv
RT: 1.884 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

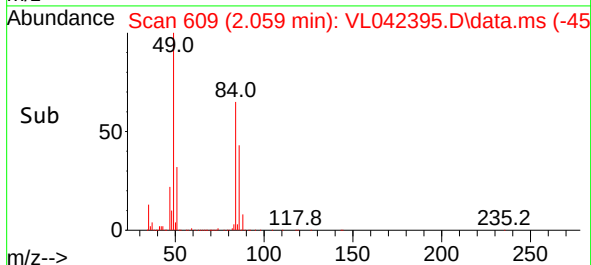
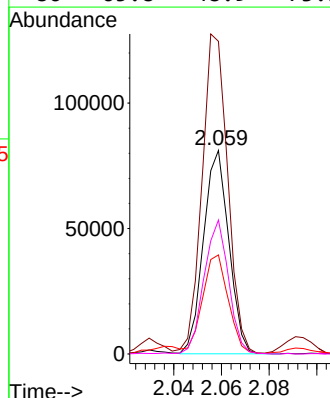
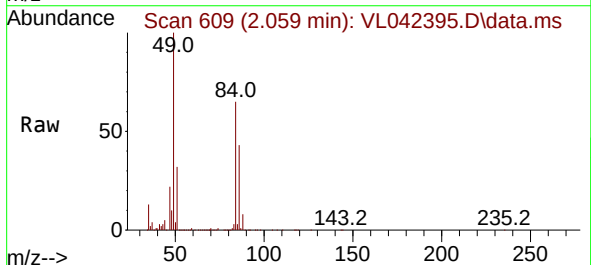
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

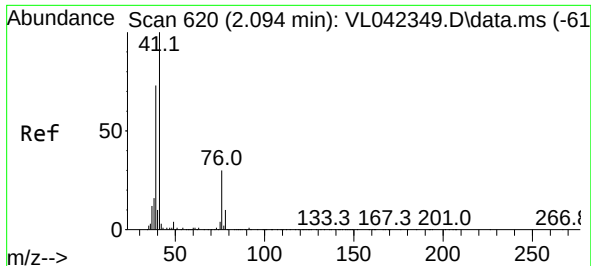
Tgt Ion: 45 Resp: 98218
Ion Ratio Lower Upper
45 100
58 46.8 34.5 51.7



#20
Methylene Chloride
Concen: 7.915 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 84 Resp: 60052
Ion Ratio Lower Upper
84 100
49 151.5 111.6 167.4
51 47.7 35.1 52.7
86 65.8 48.9 73.3

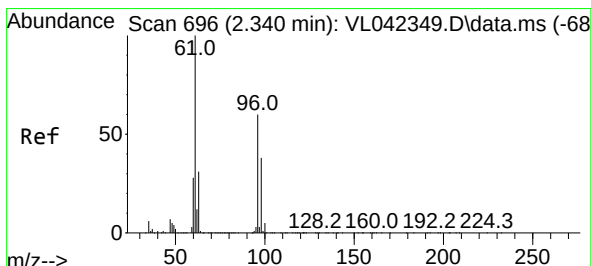
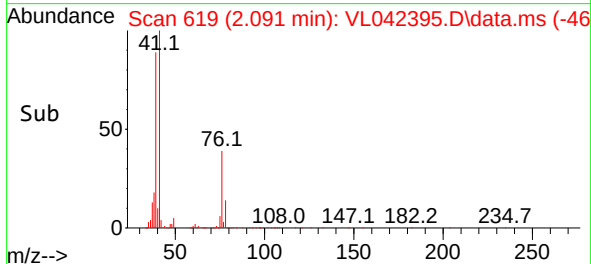
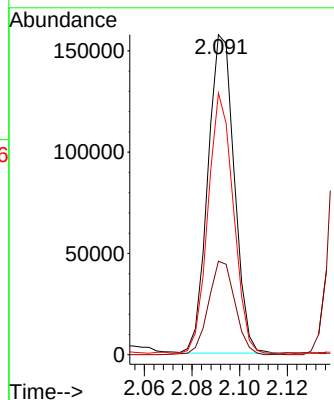
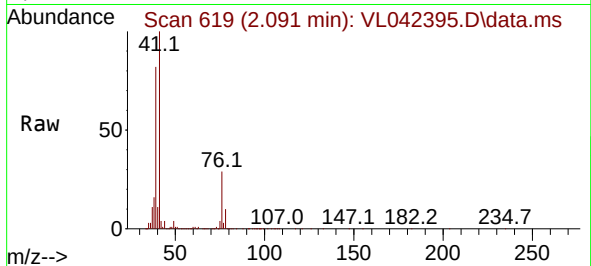




#21
 Allyl Chloride
 Concen: 9.056 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

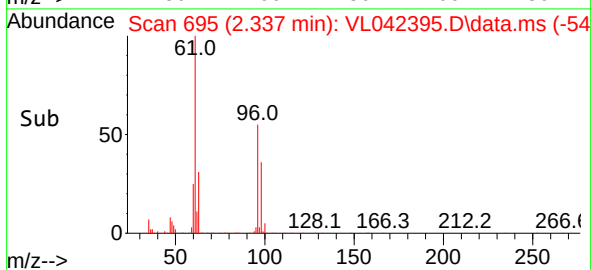
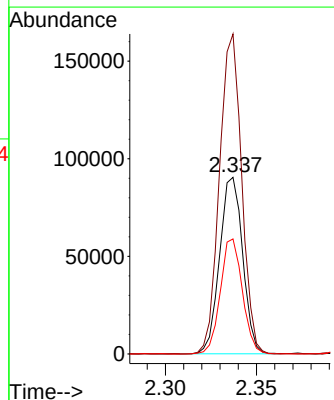
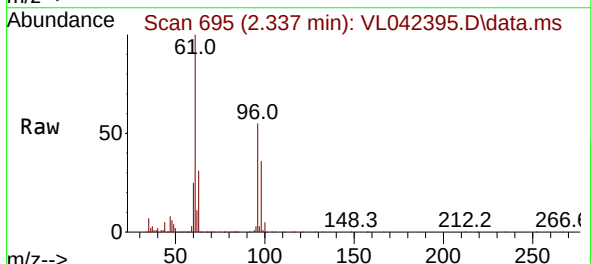
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

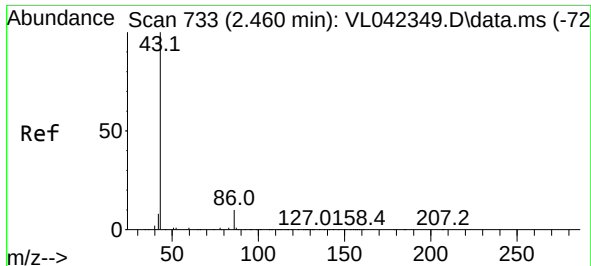
Tgt Ion: 41 Resp: 121139
 Ion Ratio Lower Upper
 41 100
 76 29.5 24.8 37.2
 39 78.5 60.6 90.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.192 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion: 96 Resp: 79496
 Ion Ratio Lower Upper
 96 100
 61 181.2 133.7 200.5
 98 65.2 50.3 75.5



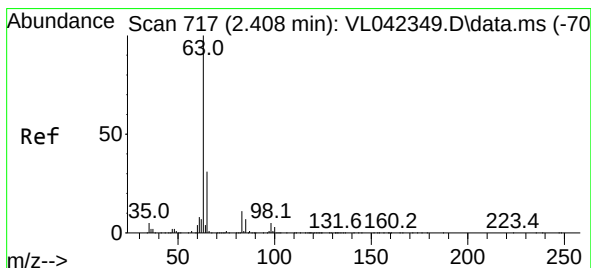
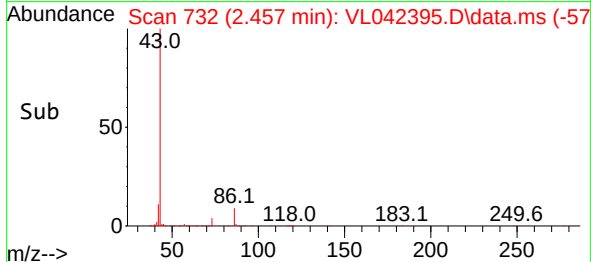
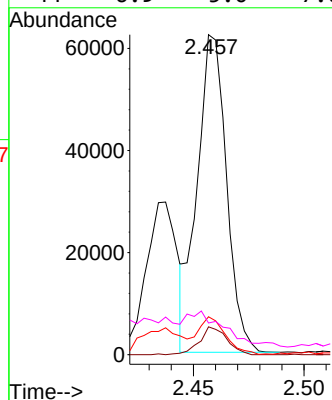
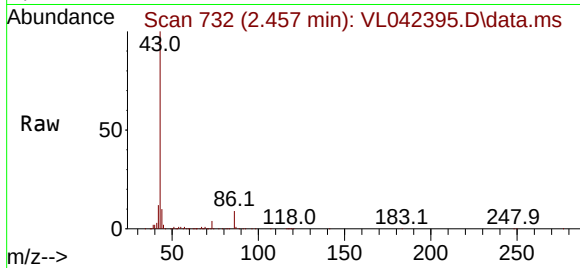


#23
 Vinyl Acetate
 Concen: 7.306 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 57298

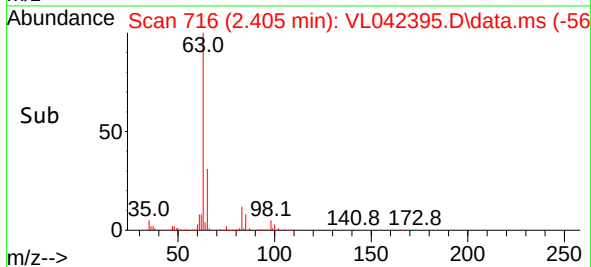
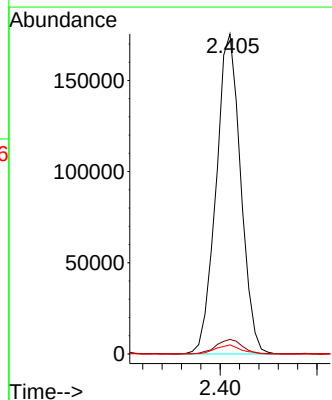
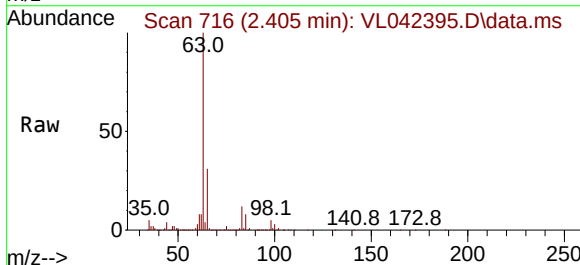
Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.5	9.7
42	11.5	7.8	11.8
44	6.9	5.0	7.6

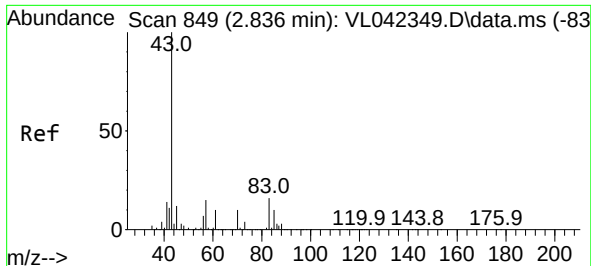


#24
 1,1-Dichloroethane
 Concen: 9.405 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion: 63 Resp: 154500

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.9	1.6	4.8



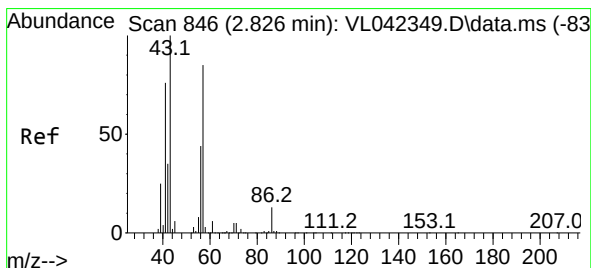
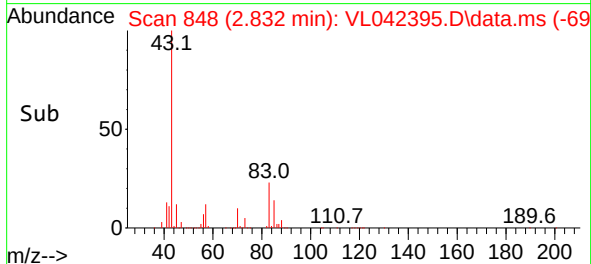
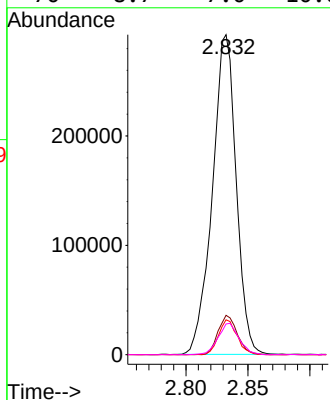
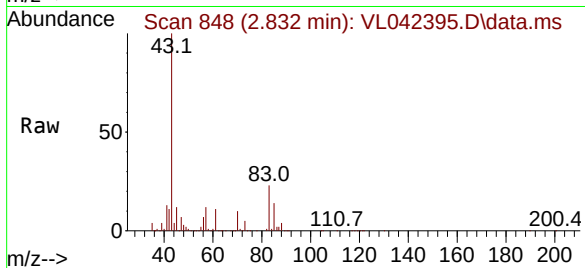


#25
Ethyl Acetate
Concen: 8.211 ppbv
RT: 2.832 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 392210

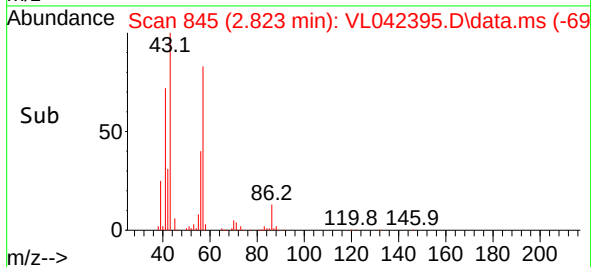
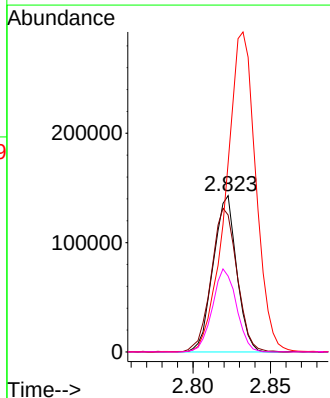
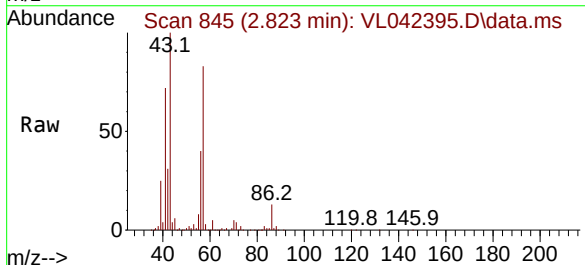
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.3	12.5
61	8.5	7.3	10.9
70	8.7	7.0	10.6

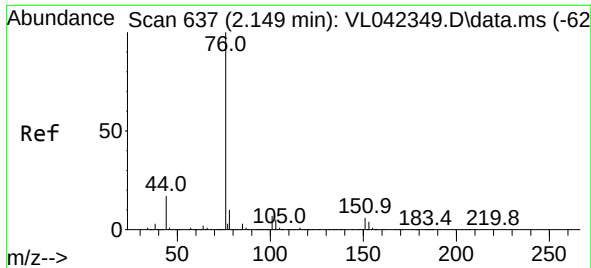


#26
Hexane
Concen: 7.789 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 57 Resp: 150573

Ion	Ratio	Lower	Upper
57	100		
41	101.6	77.9	116.9
43	261.8	208.4	312.6
56	54.4	43.1	64.7

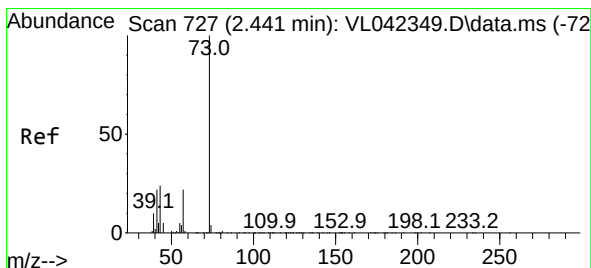
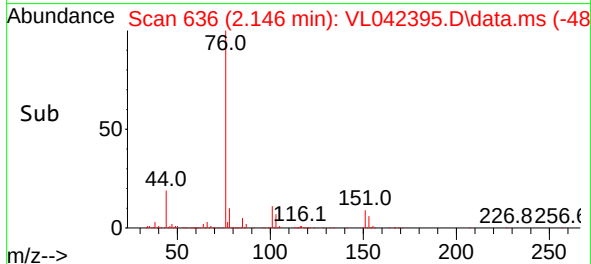
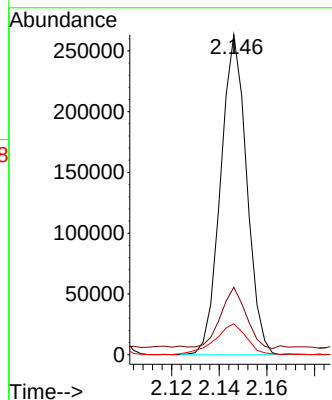
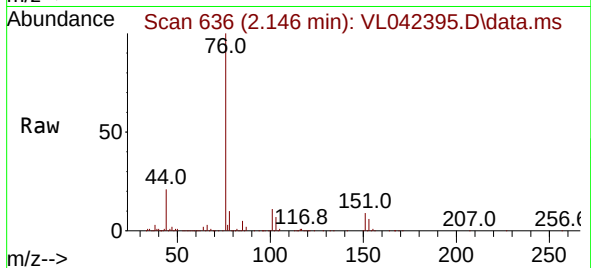




#27
Carbon Disulfide
Concen: 9.658 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

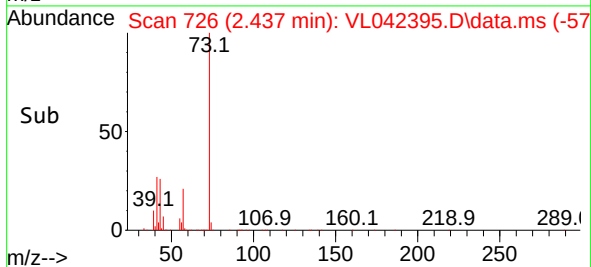
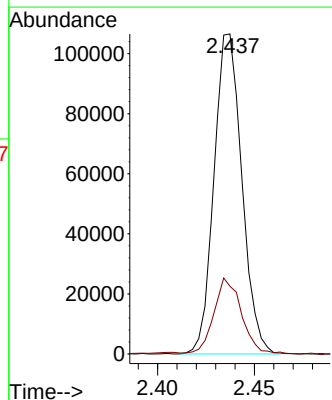
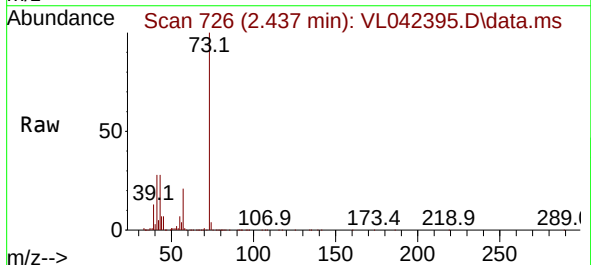
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

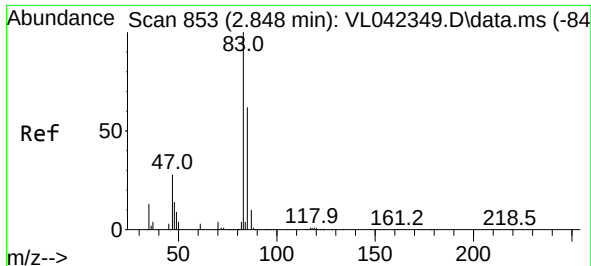
Tgt Ion: 76 Resp: 199908
Ion Ratio Lower Upper
76 100
44 20.3 15.5 23.3
78 11.9 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.414 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 73 Resp: 106569
Ion Ratio Lower Upper
73 100
57 24.2 21.3 31.9





#29

Chloroform

Concen: 9.502 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

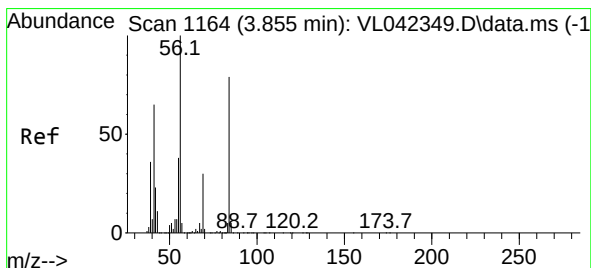
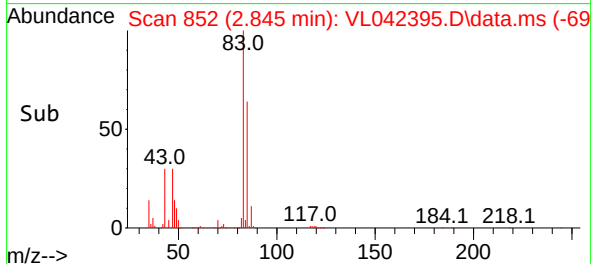
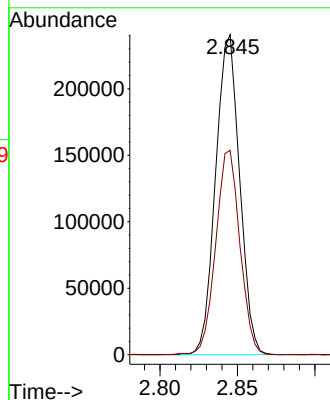
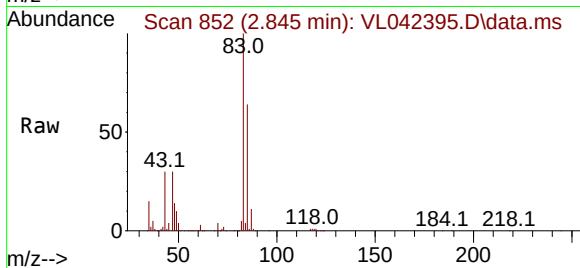
VSTDCCC010

Tgt Ion: 83 Resp: 259635

Ion Ratio Lower Upper

83 100

85 63.8 50.0 75.0



#30

Cyclohexane

Concen: 8.095 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

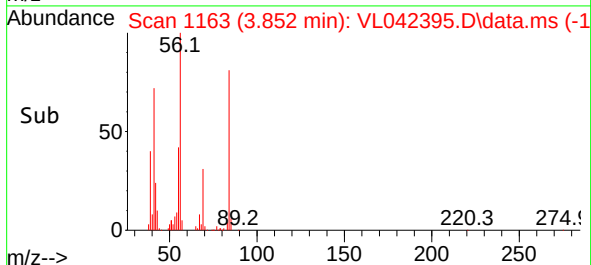
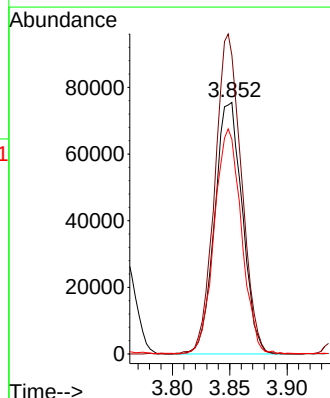
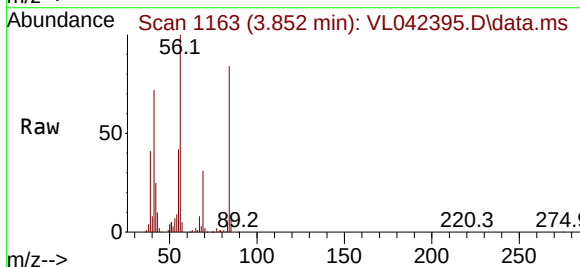
Tgt Ion: 84 Resp: 126496

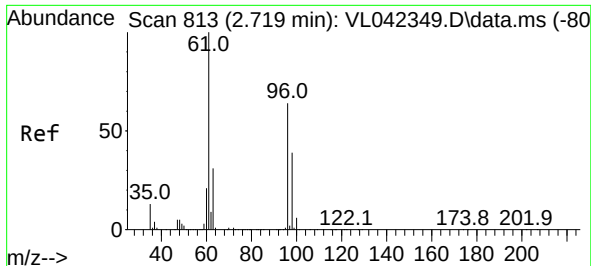
Ion Ratio Lower Upper

84 100

56 122.4 101.0 151.4

41 87.5 67.4 101.0

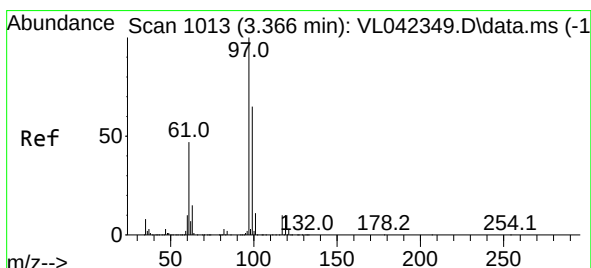
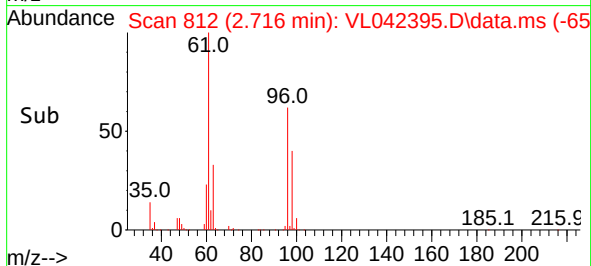
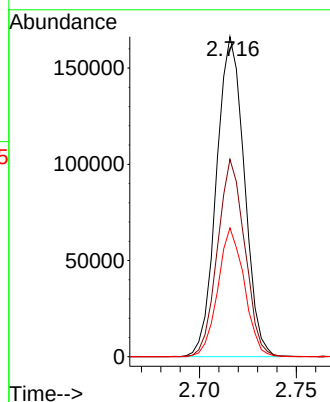
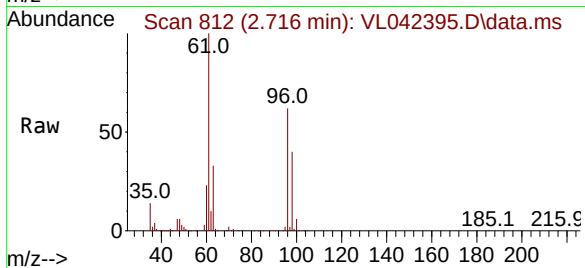




#31
 cis-1,2-Dichloroethene
 Concen: 9.051 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

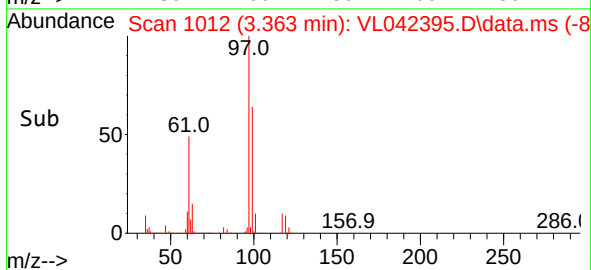
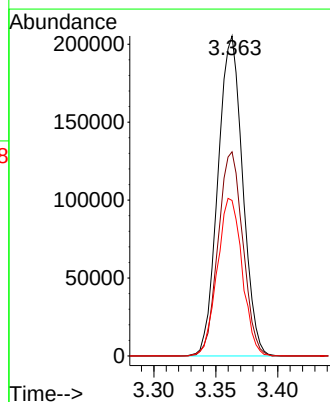
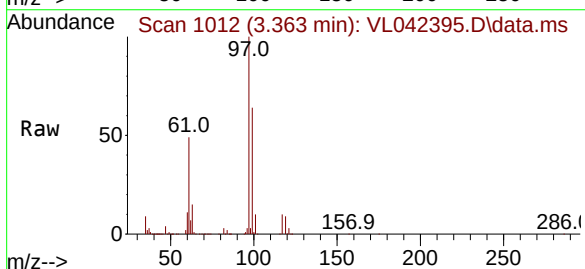
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

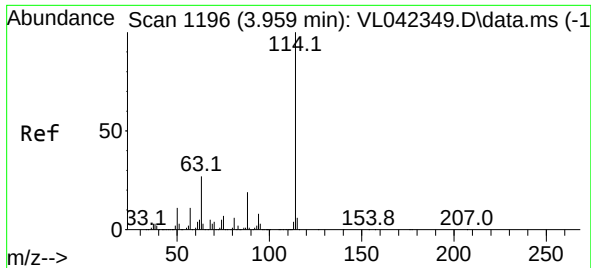
Tgt Ion: 61 Resp: 166357
 Ion Ratio Lower Upper
 61 100
 96 61.7 50.8 76.2
 98 40.2 30.9 46.3



#32
 1,1,1-Trichloroethane
 Concen: 9.284 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion: 97 Resp: 285590
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.4
 61 49.7 38.8 58.2

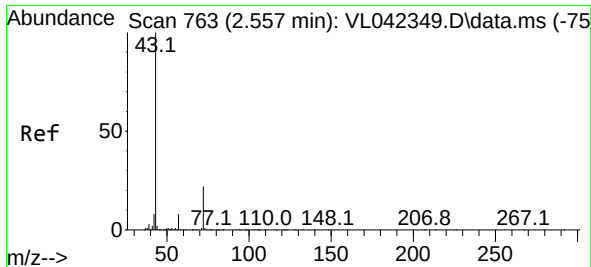
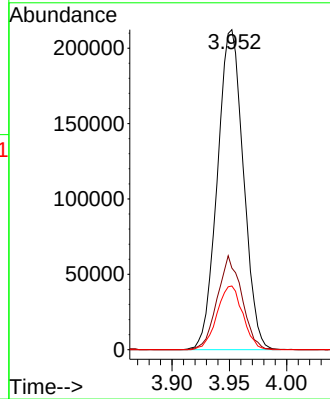
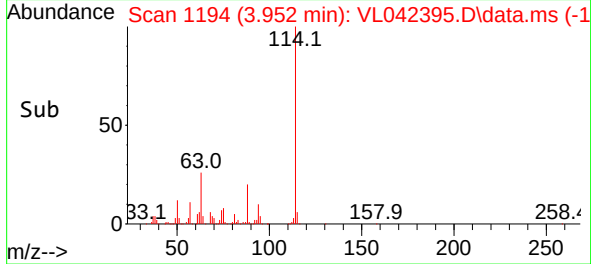
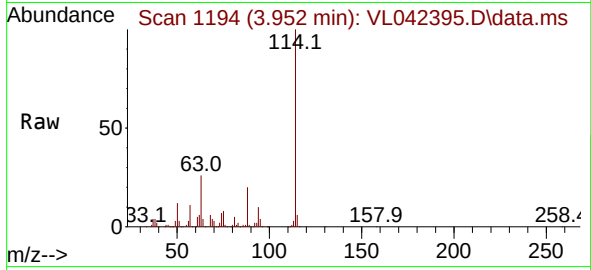




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.952 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

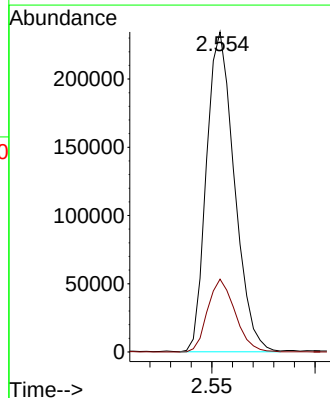
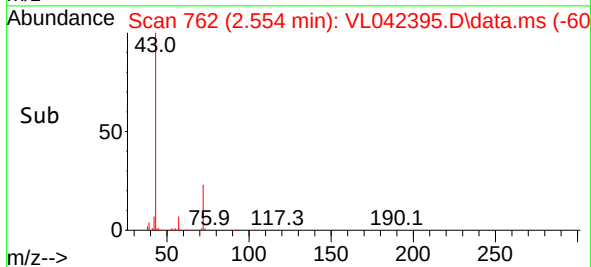
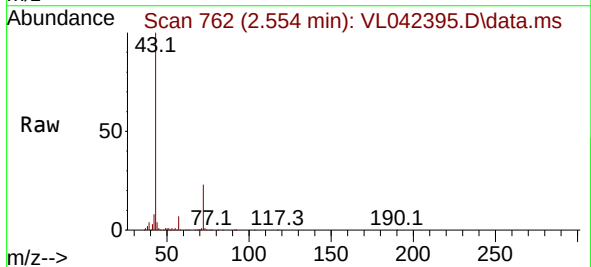
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

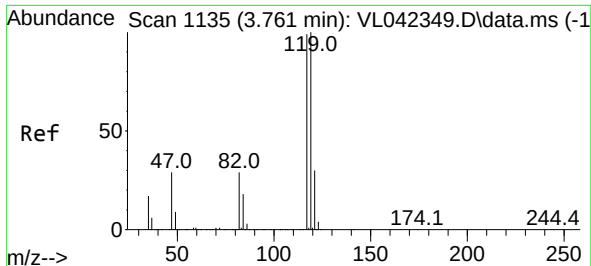
Tgt Ion:114 Resp: 334726
 Ion Ratio Lower Upper
 114 100
 63 27.8 21.8 32.6
 88 19.7 15.5 23.3



#34
 2-Butanone
 Concen: 8.316 ppbv
 RT: 2.554 min Scan# 762
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion: 43 Resp: 220144
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.2 27.2

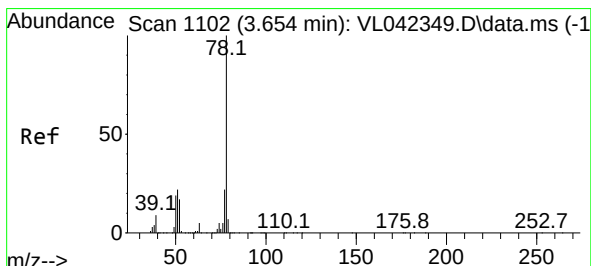
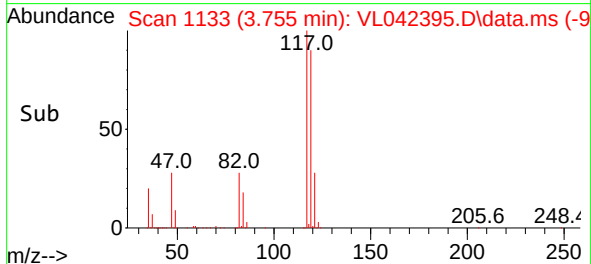
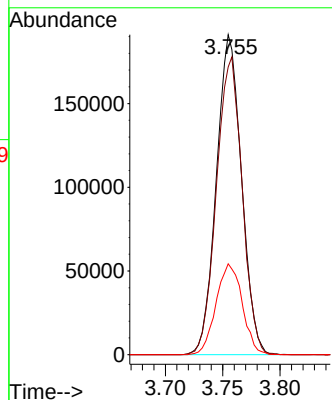
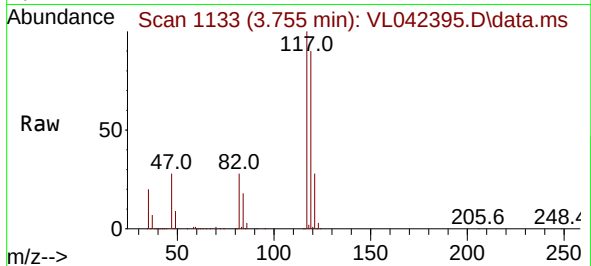




#35
Carbon Tetrachloride
Concen: 9.614 ppbv
RT: 3.755 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

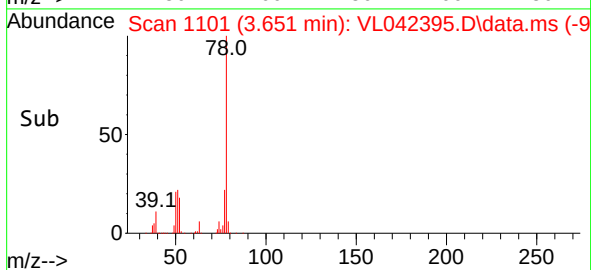
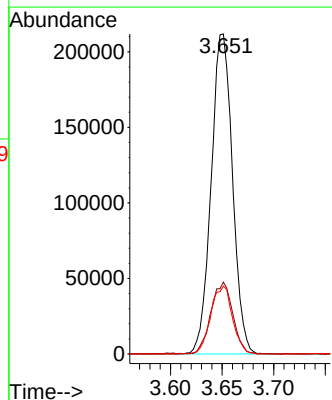
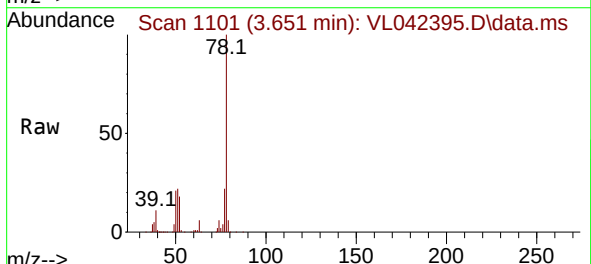
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

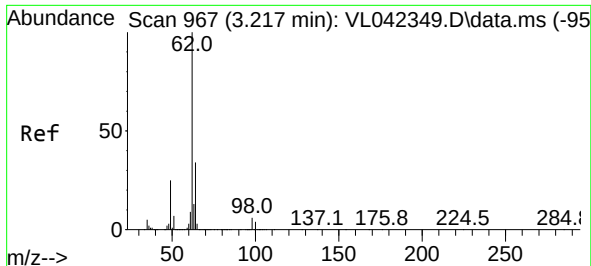
Tgt Ion:117 Resp: 291229
Ion Ratio Lower Upper
117 100
119 89.9 80.5 120.7
121 28.4 24.2 36.2



#36
Benzene
Concen: 8.420 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 78 Resp: 303987
Ion Ratio Lower Upper
78 100
77 22.5 17.4 26.0
50 21.2 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.206 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

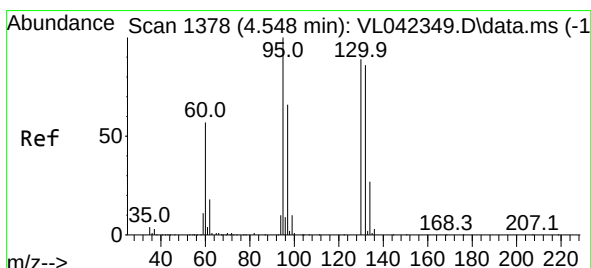
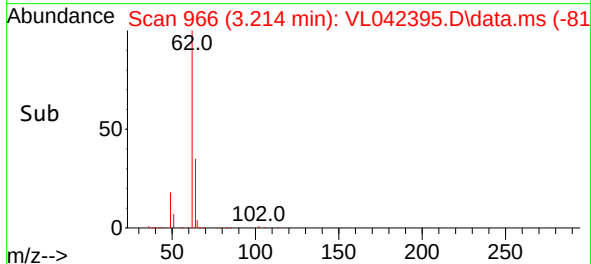
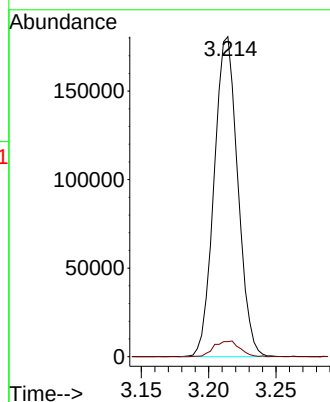
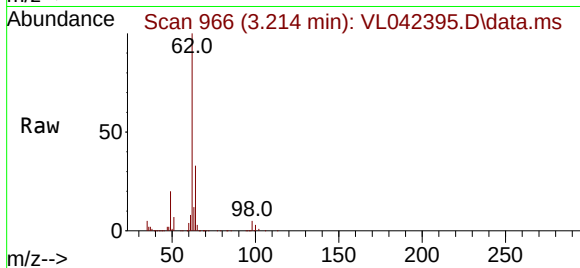
VSTDCCC010

Tgt Ion: 62 Resp: 221151

Ion Ratio Lower Upper

62 100

98 5.4 5.1 7.7



#38

Trichloroethene

Concen: 7.804 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Tgt Ion:130 Resp: 123150

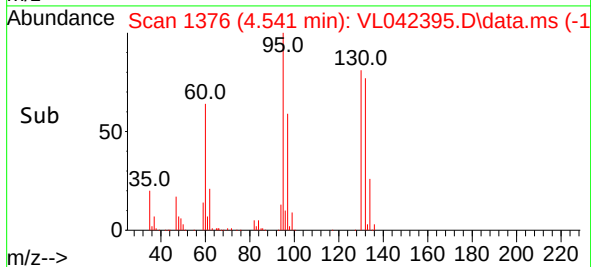
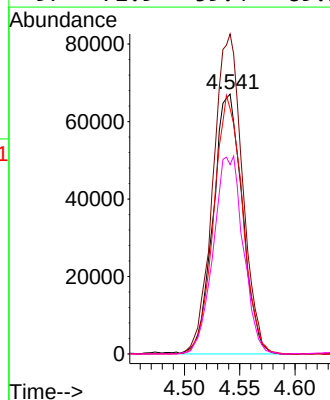
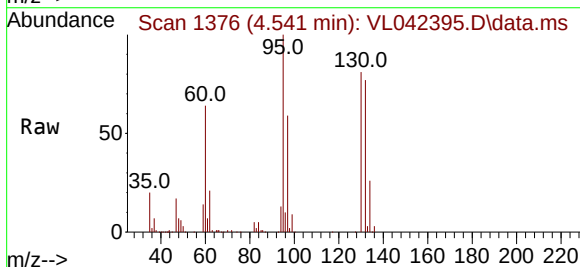
Ion Ratio Lower Upper

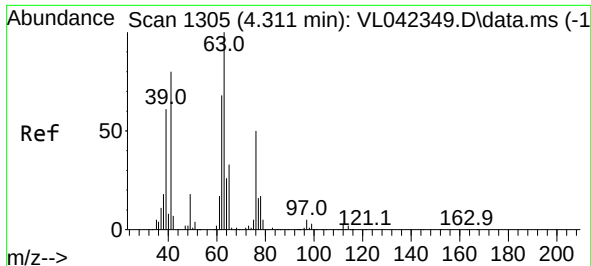
130 100

95 123.2 89.8 134.6

132 94.2 77.7 116.5

97 72.9 59.4 89.2





#39

1,2-Dichloropropane

Concen: 8.018 ppbv

RT: 4.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

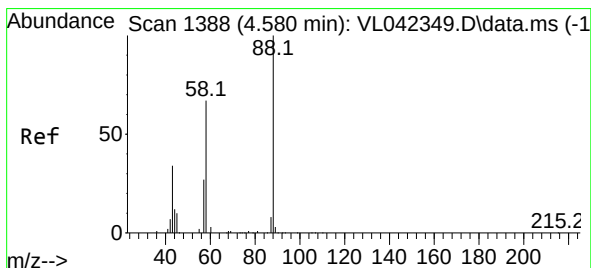
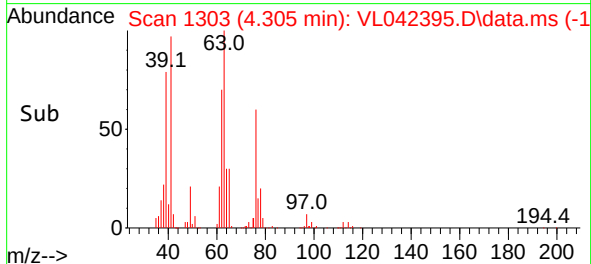
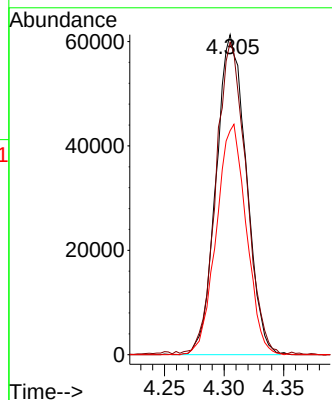
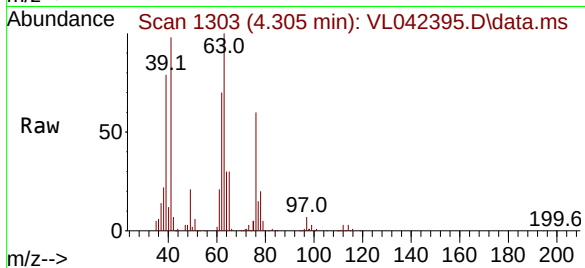
MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 107877

Ion	Ratio	Lower	Upper
63	100		
41	97.2	64.2	96.2#
62	70.0	54.3	81.5



#40

1,4-Dioxane

Concen: 7.286 ppbv

RT: 4.574 min Scan# 1386

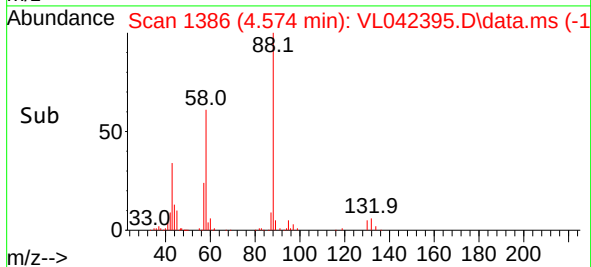
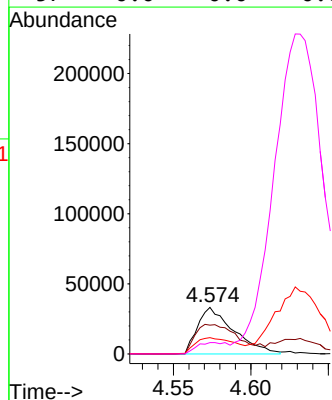
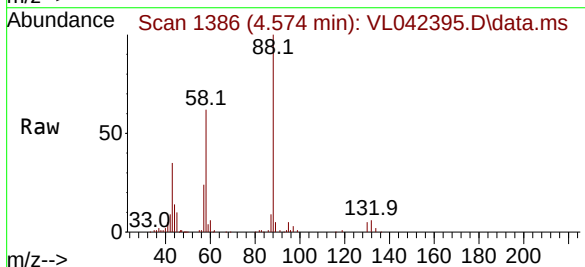
Delta R.T. -0.006 min

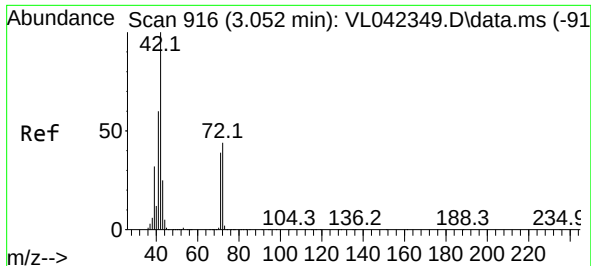
Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Tgt Ion: 88 Resp: 53874

Ion	Ratio	Lower	Upper
88	100		
58	75.5	61.4	92.0
43	38.4	23.2	34.8#
57	0.0	0.0	0.0

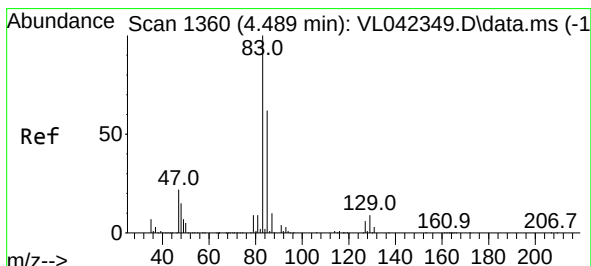
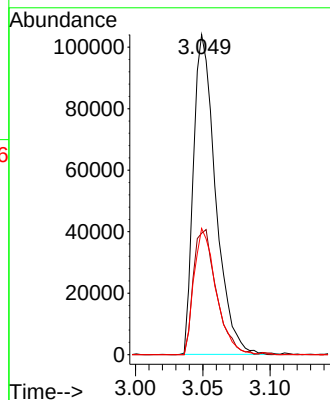
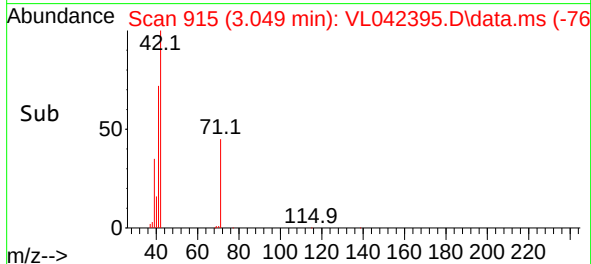
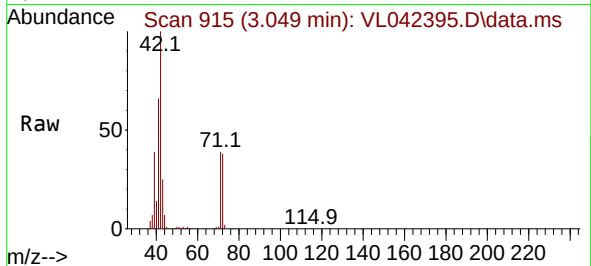




#41
Tetrahydrofuran
Concen: 7.701 ppbv
RT: 3.049 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

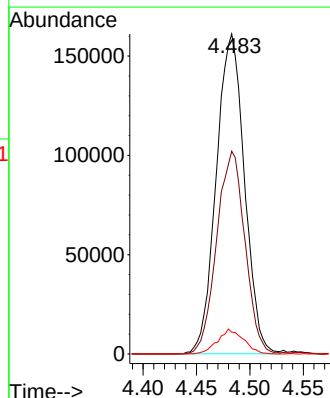
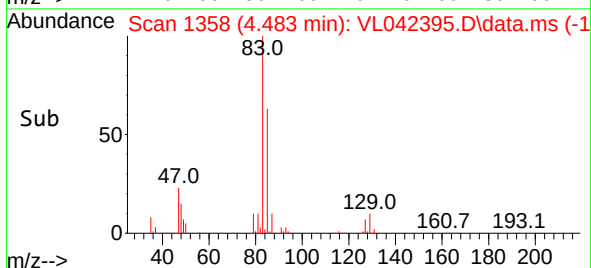
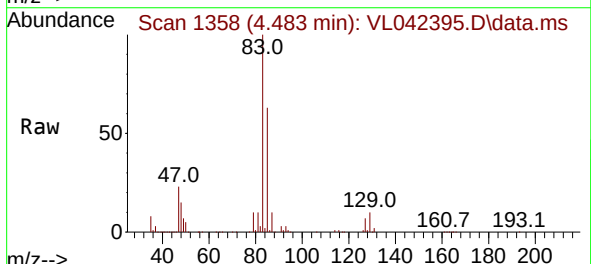
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

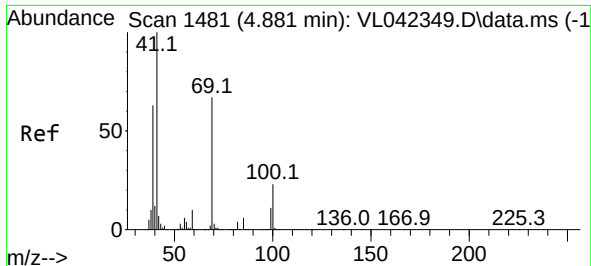
Tgt Ion: 42 Resp: 118863
Ion Ratio Lower Upper
42 100
72 40.8 32.3 48.5
71 39.8 31.4 47.2



#42
Bromodichloromethane
Concen: 9.800 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 83 Resp: 295552
Ion Ratio Lower Upper
83 100
85 63.4 49.7 74.5
127 6.8 5.1 7.7





#43

Methyl Methacrylate

Concen: 7.667 ppbv

RT: 4.875 min Scan# 1479

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

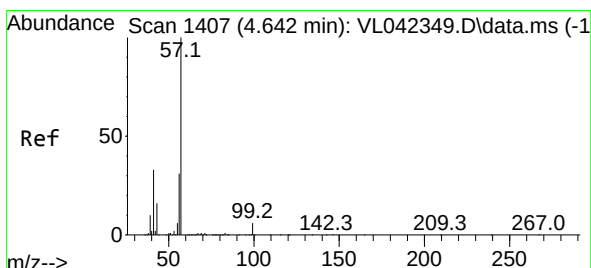
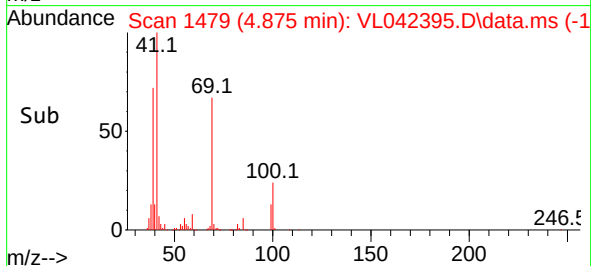
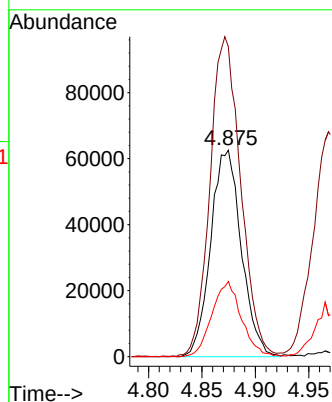
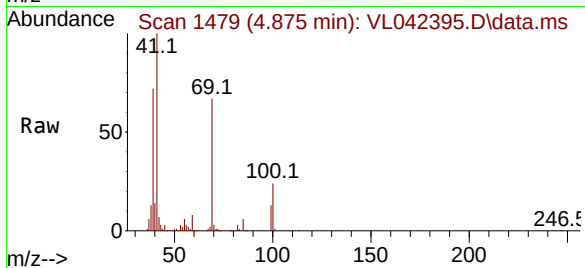
Tgt Ion: 69 Resp: 124747

Ion Ratio Lower Upper

69 100

41 155.5 118.6 177.8

100 35.1 28.2 42.2



#44

2,2,4-Trimethylpentane

Concen: 8.138 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. -0.013 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

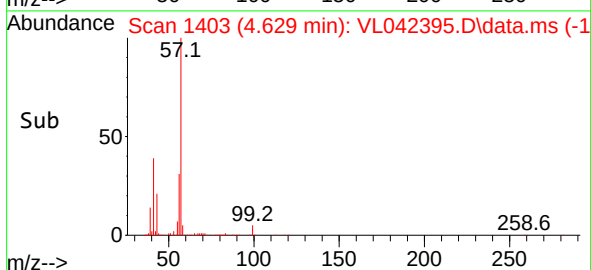
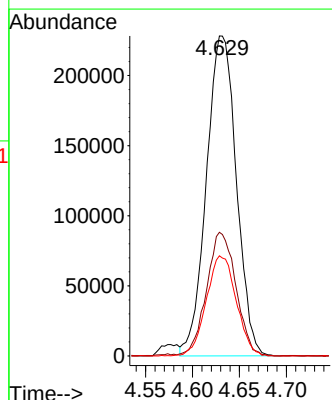
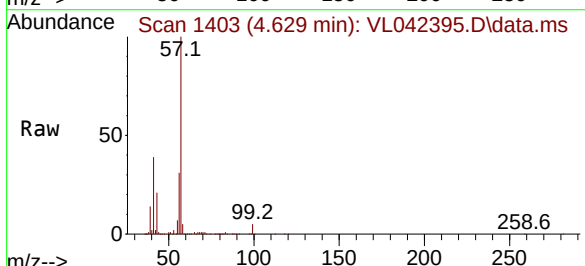
Tgt Ion: 57 Resp: 507437

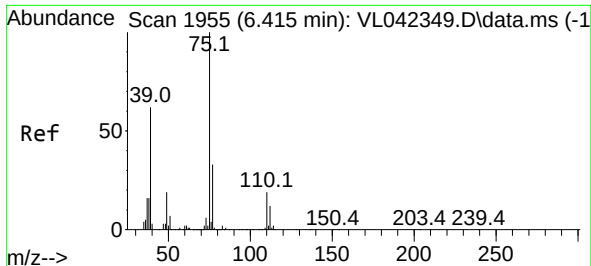
Ion Ratio Lower Upper

57 100

41 38.3 27.2 40.8

56 31.2 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 8.596 ppbv

RT: 6.406 min Scan# 1952

Delta R.T. -0.010 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

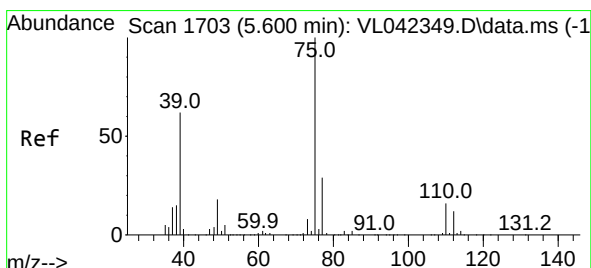
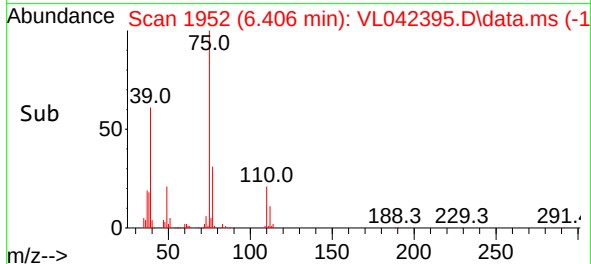
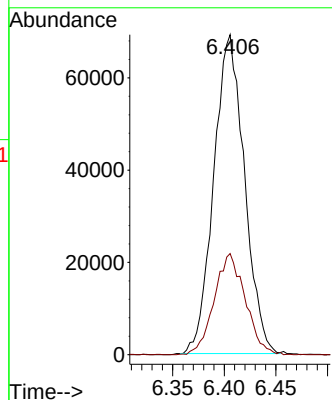
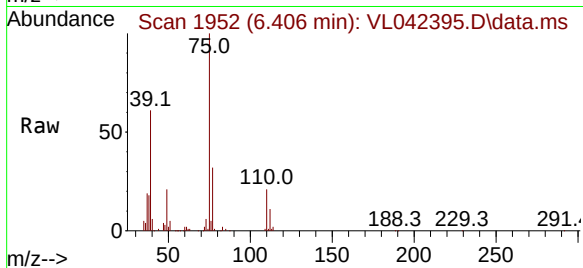
VSTDCCC010

Tgt Ion: 75 Resp: 142879

Ion Ratio Lower Upper

75 100

77 31.6 27.0 40.6



#46

cis-1,3-Dichloropropene

Concen: 8.595 ppbv

RT: 5.590 min Scan# 1700

Delta R.T. -0.010 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

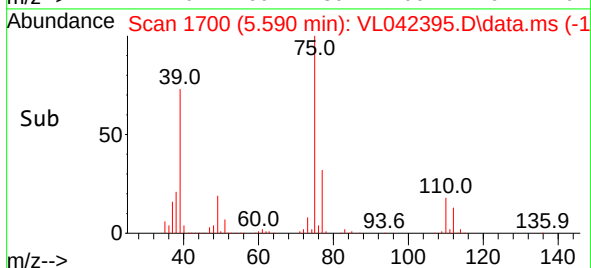
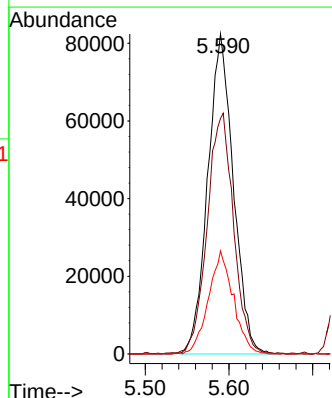
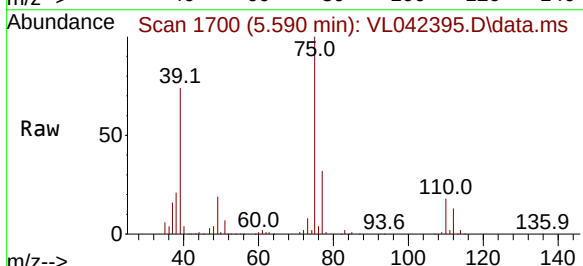
Tgt Ion: 75 Resp: 174844

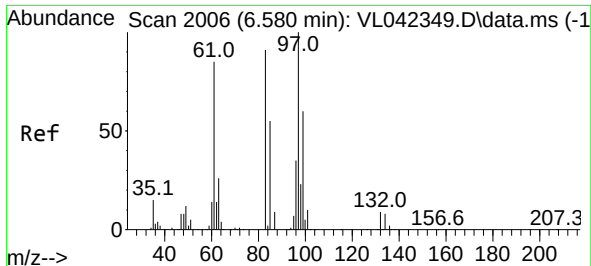
Ion Ratio Lower Upper

75 100

39 73.4 50.0 75.0

77 32.2 23.0 34.6



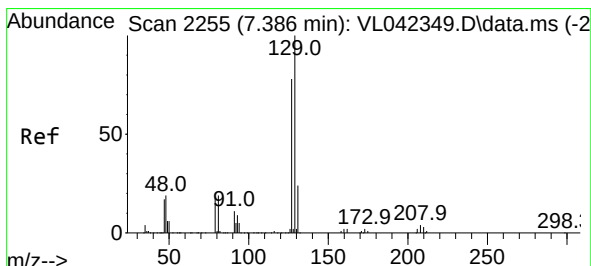
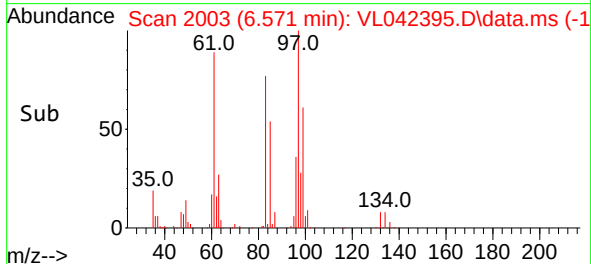
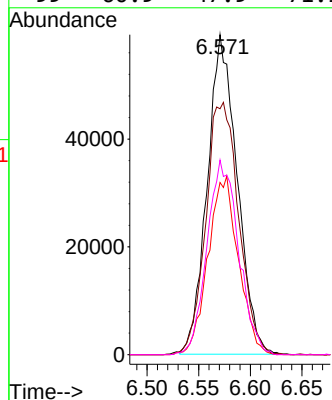
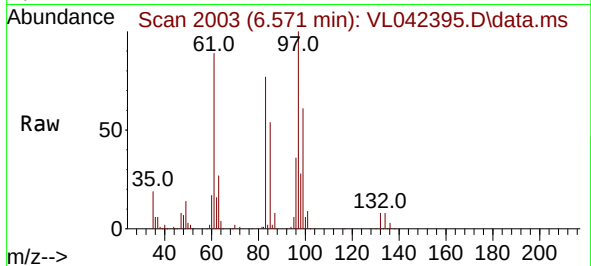


#47
1,1,2-Trichloroethane
Concen: 8.711 ppbv
RT: 6.571 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 119399

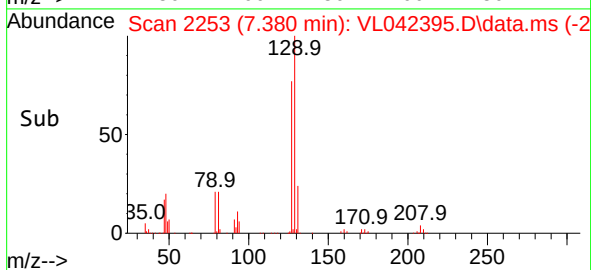
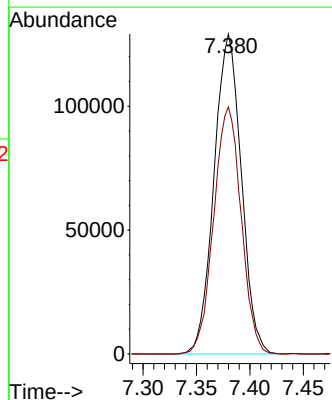
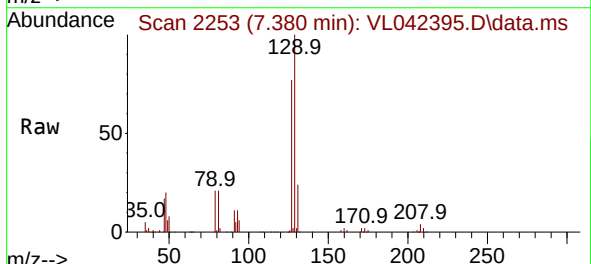
Ion	Ratio	Lower	Upper
97	100		
83	76.6	72.8	109.2
85	53.8	44.2	66.4
99	60.9	47.9	71.9

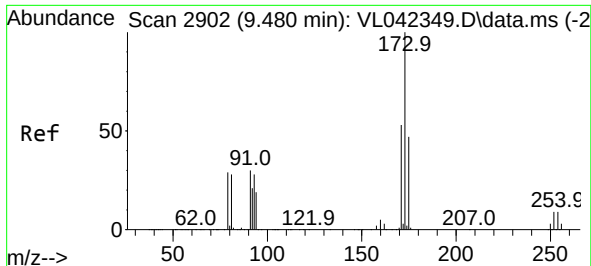


#48
Dibromochloromethane
Concen: 9.476 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 129 Resp: 229466

Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.3

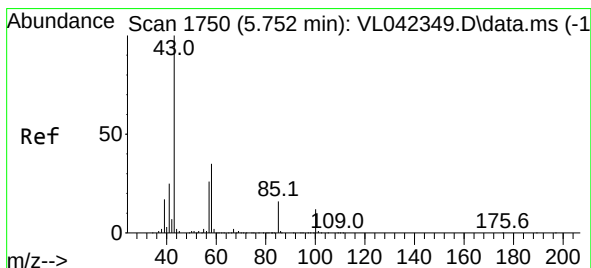
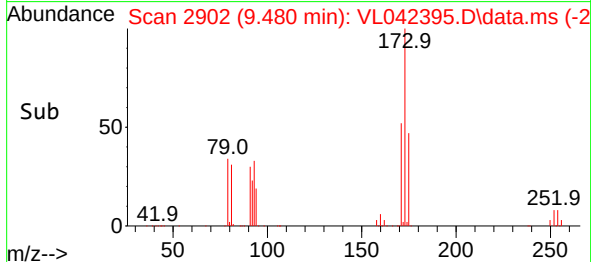
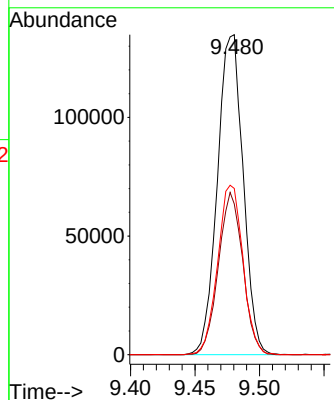
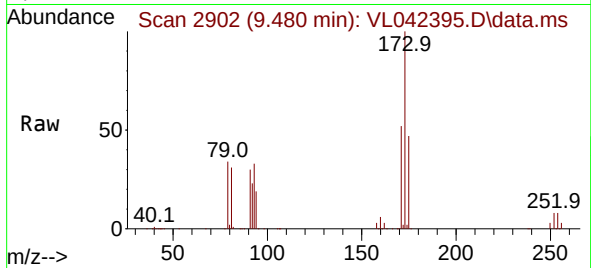




#49
Bromoform
Concen: 8.836 ppbv
RT: 9.480 min Scan# 2902
Delta R.T. 0.000 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

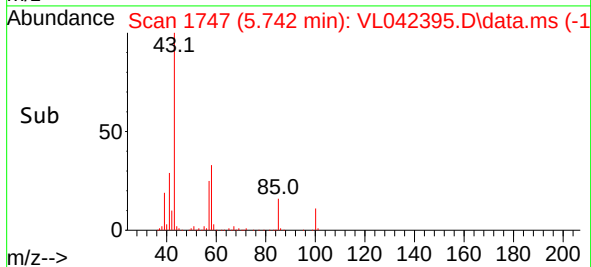
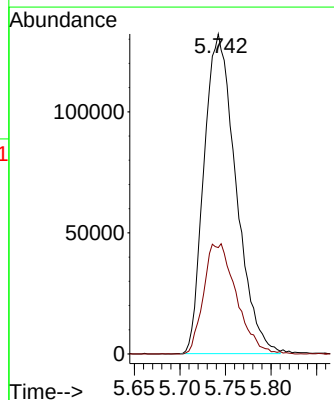
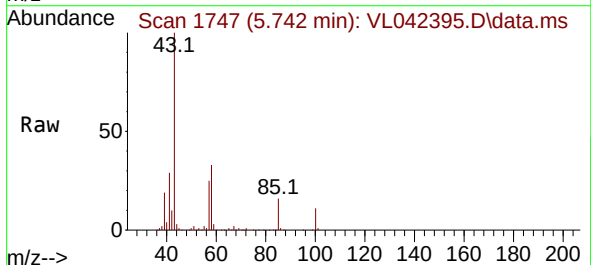
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

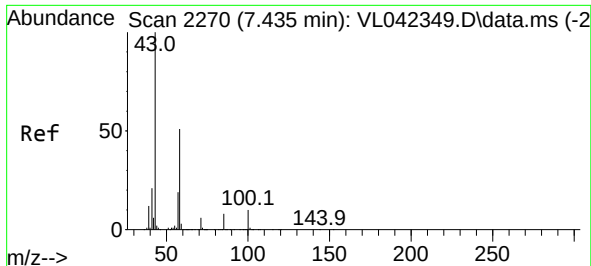
Tgt Ion:173 Resp: 187094
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.2
171 52.0 40.9 61.3



#50
4-Methyl-2-Pentanone
Concen: 7.314 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.010 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 43 Resp: 321752
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0

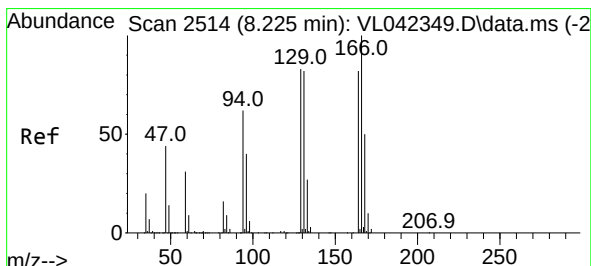
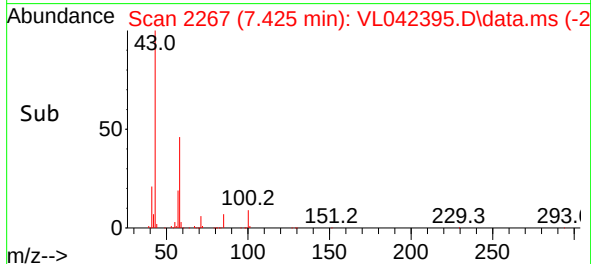
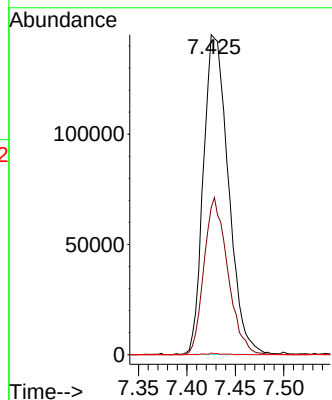
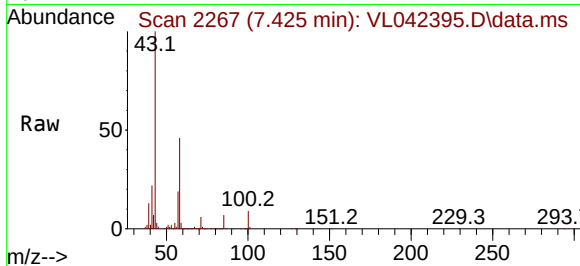




#51
2-Hexanone
Concen: 6.590 ppbv
RT: 7.425 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

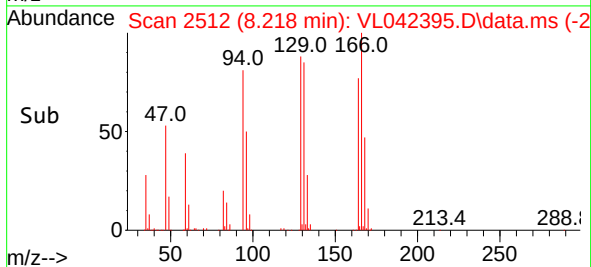
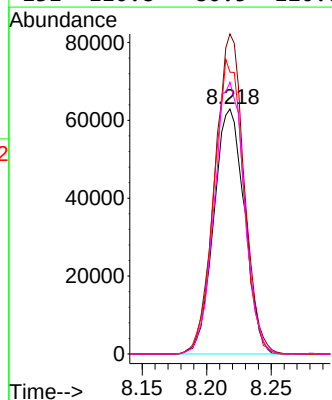
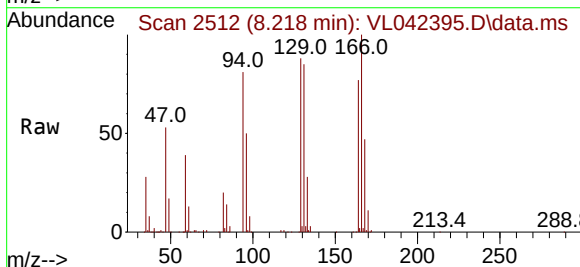
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

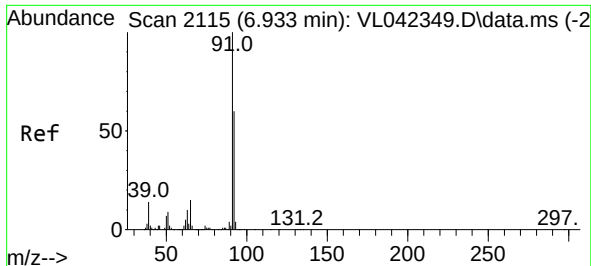
Tgt Ion: 43 Resp: 260009
Ion Ratio Lower Upper
43 100
58 46.9 40.2 60.4
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 7.474 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 164 Resp: 104294
Ion Ratio Lower Upper
164 100
166 130.4 98.2 147.2
129 114.9 81.8 122.8
131 110.8 80.5 120.7

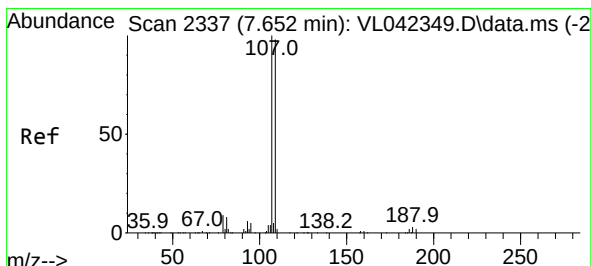
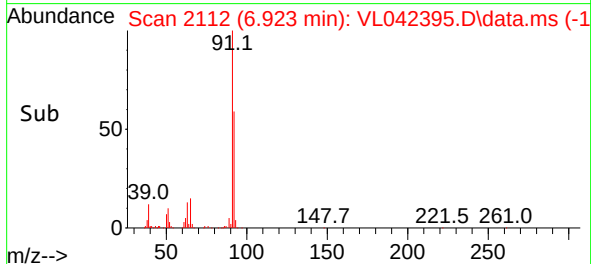
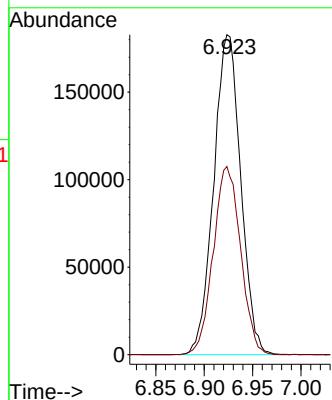
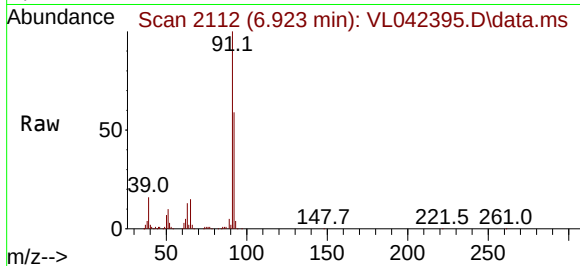




#53
Toluene
Concen: 8.206 ppbv
RT: 6.923 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

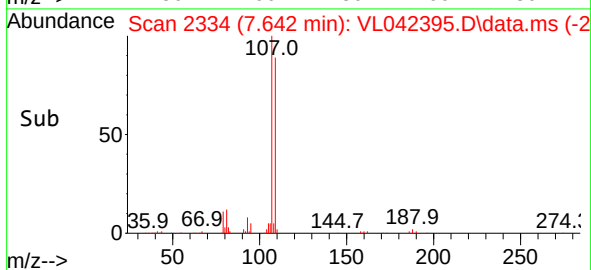
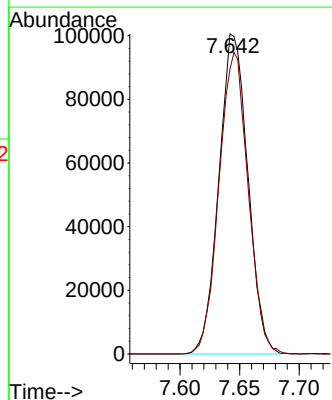
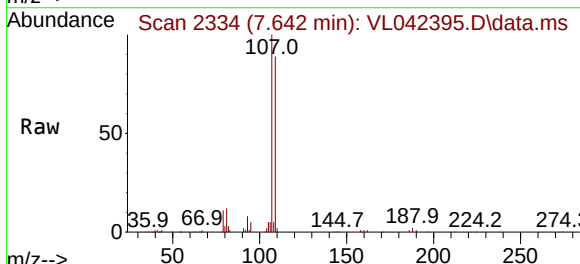
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

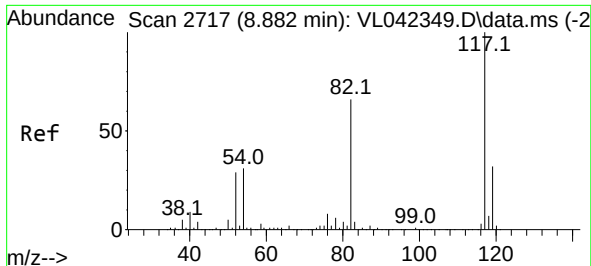
Tgt Ion: 91 Resp: 355540
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.4



#54
1,2-Dibromoethane
Concen: 8.654 ppbv
RT: 7.642 min Scan# 2334
Delta R.T. -0.010 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 107 Resp: 169774
Ion Ratio Lower Upper
107 100
109 89.0 78.2 117.4

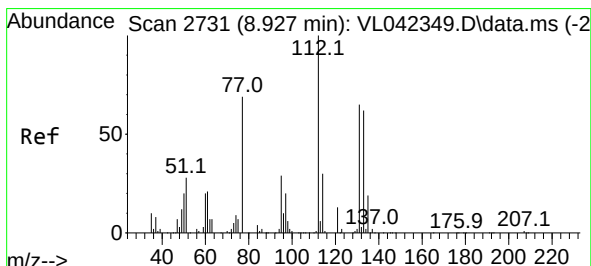
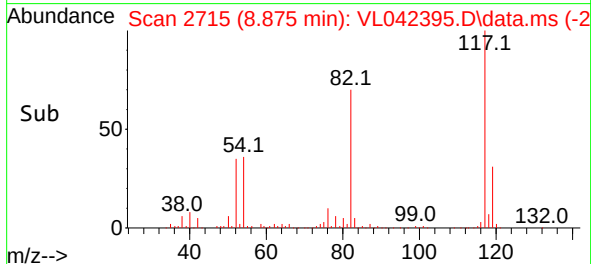
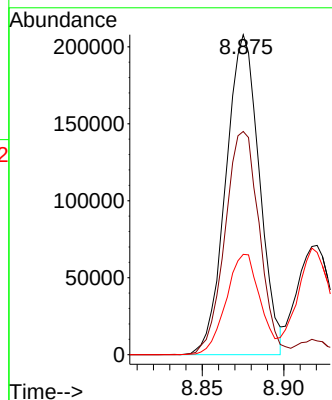
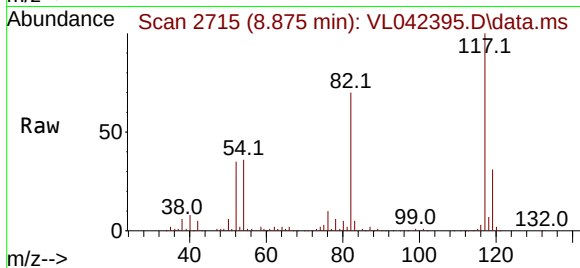




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

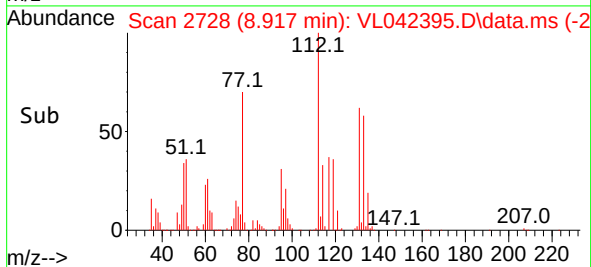
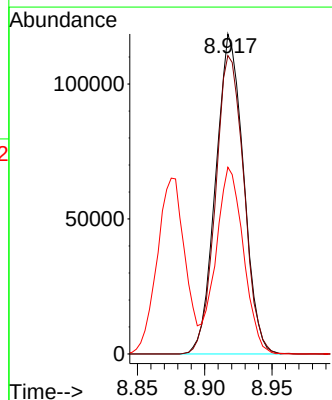
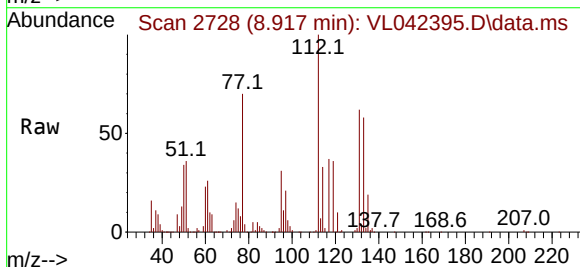
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

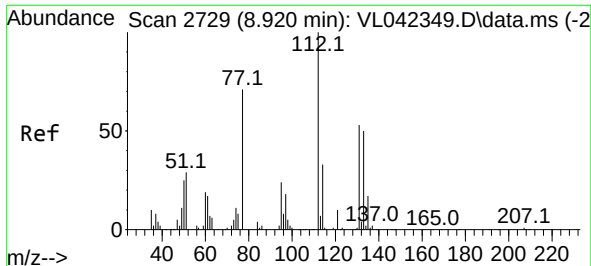
Tgt Ion:117 Resp: 297161
Ion Ratio Lower Upper
117 100
82 76.0 57.8 86.6
119 33.4 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.468 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.010 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion:131 Resp: 170285
Ion Ratio Lower Upper
131 100
133 95.2 78.3 117.5
119 57.3 48.7 73.1

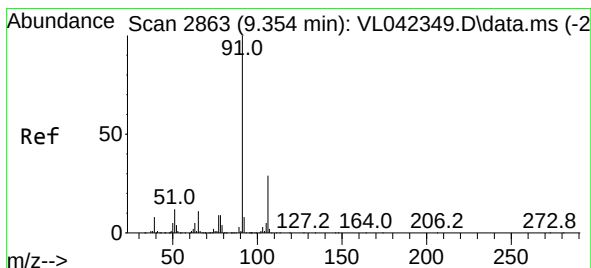
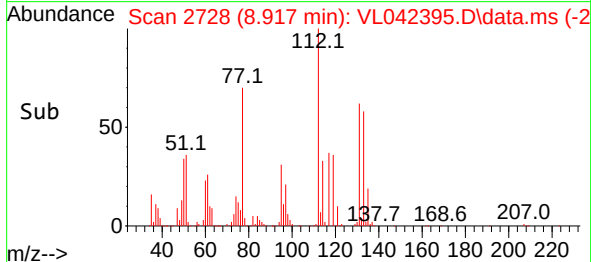
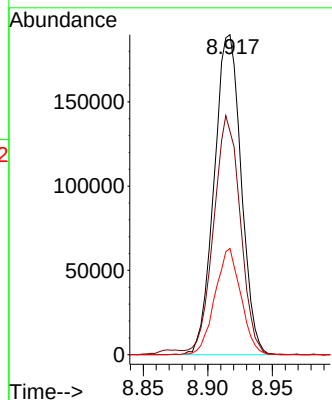
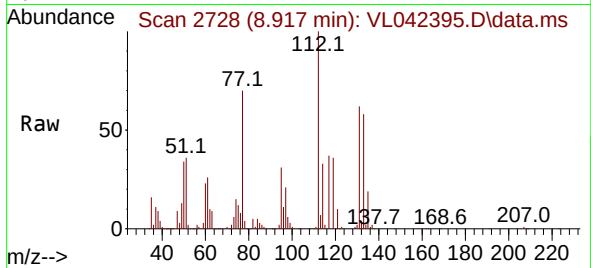




#57
Chlorobenzene
Concen: 8.944 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

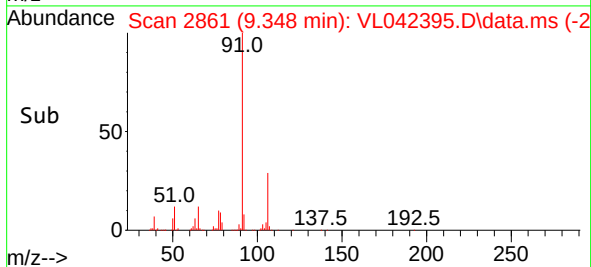
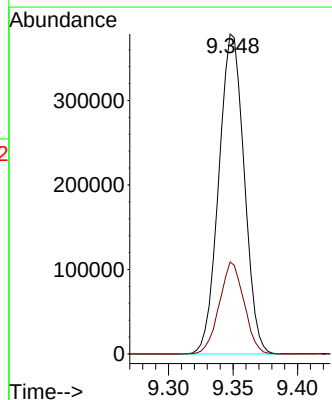
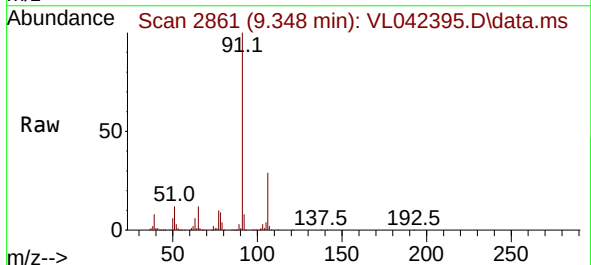
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

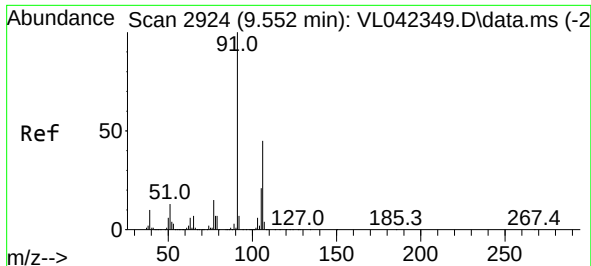
Tgt Ion:112 Resp: 276428
Ion Ratio Lower Upper
112 100
77 69.6 57.8 86.6
114 33.2 29.3 35.9



#58
Ethyl Benzene
Concen: 8.797 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 91 Resp: 517937
Ion Ratio Lower Upper
91 100
106 28.7 23.0 34.4

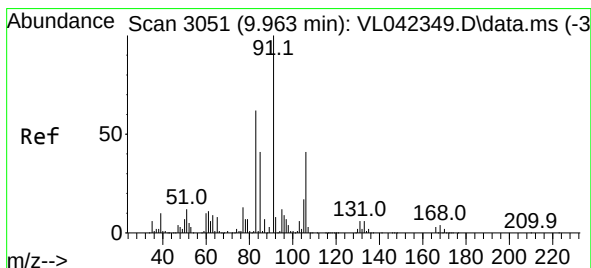
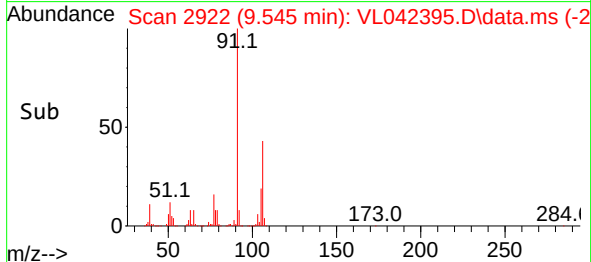
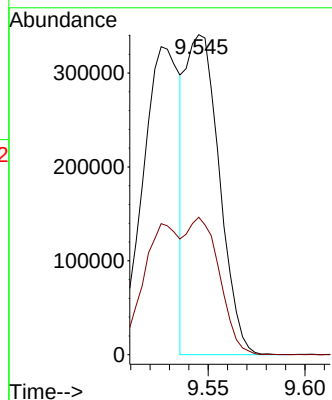
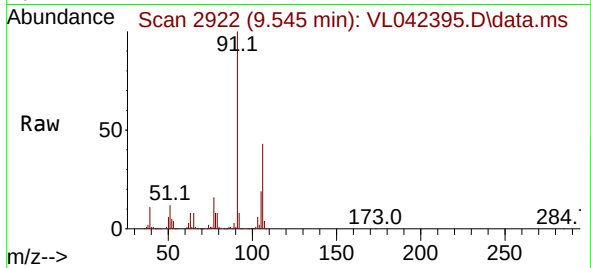




#59
m/p-Xylene
Concen: 8.662 ppbv
RT: 9.545 min Scan# 2924
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

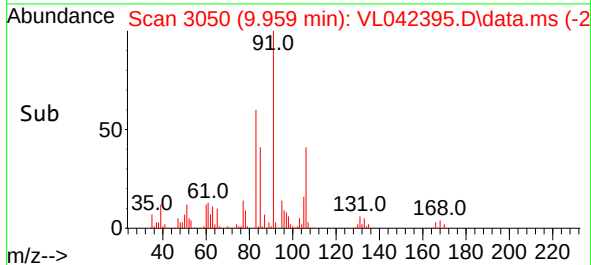
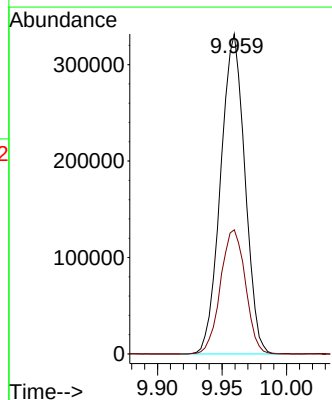
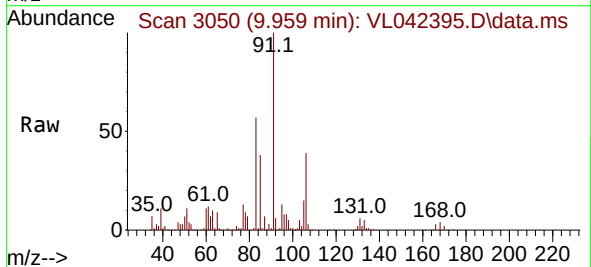
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

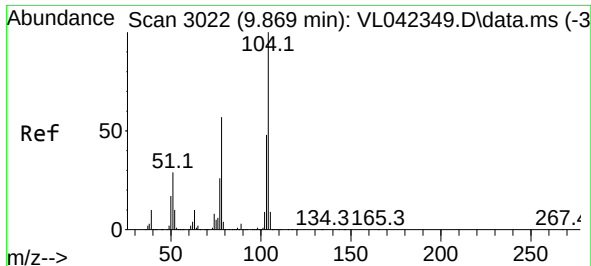
Tgt Ion: 91 Resp: 410830
Ion Ratio Lower Upper
91 100
106 87.5 35.4 53.2#



#60
o-Xylene
Concen: 9.078 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 91 Resp: 433569
Ion Ratio Lower Upper
91 100
106 39.9 21.1 63.4

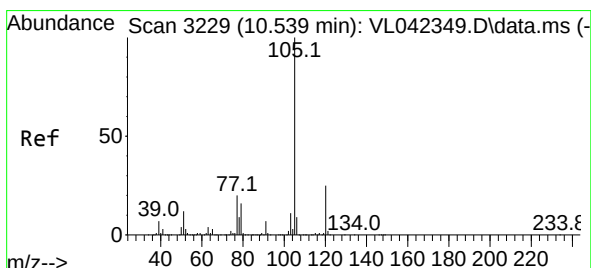
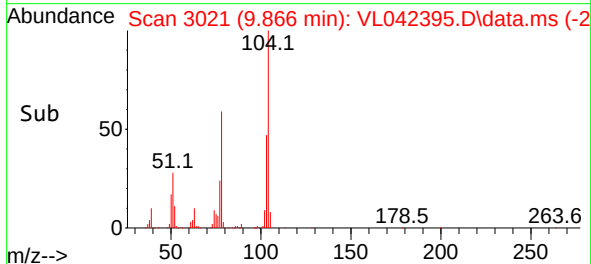
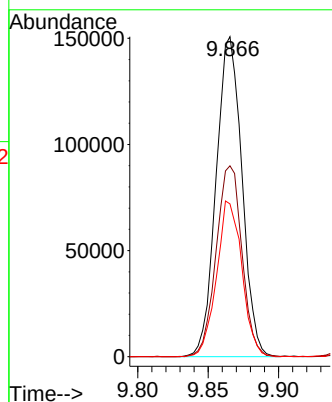
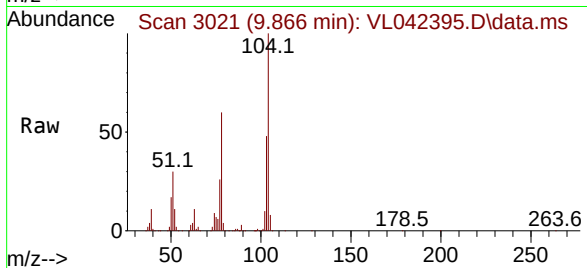




#61
Styrene
Concen: 8.454 ppbv
RT: 9.866 min Scan# 3022
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

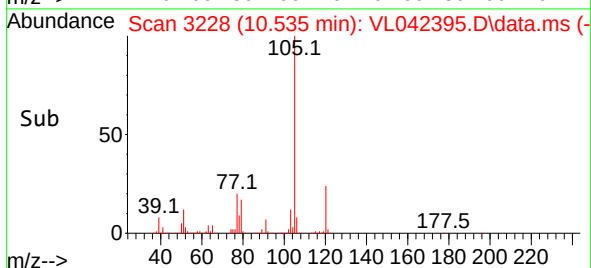
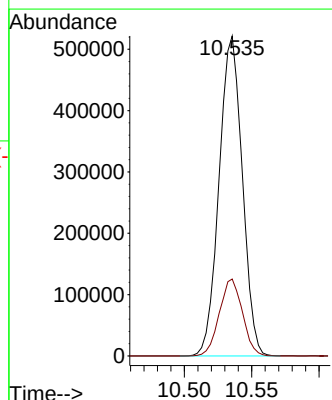
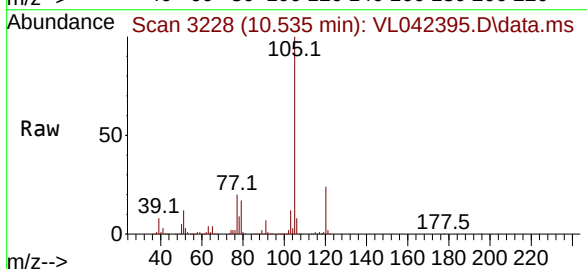
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

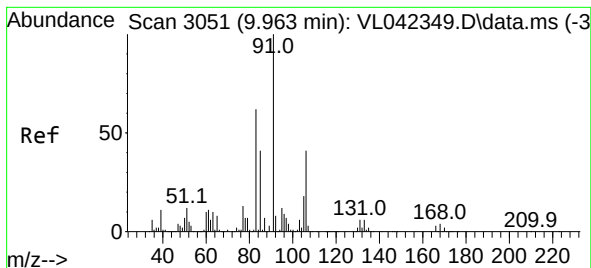
Tgt Ion:104 Resp: 192729
Ion Ratio Lower Upper
104 100
78 59.7 44.6 66.8
103 47.7 37.4 56.0



#62
Isopropylbenzene
Concen: 8.920 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion:105 Resp: 625514
Ion Ratio Lower Upper
105 100
120 23.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 8.085 ppbv

RT: 9.956 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

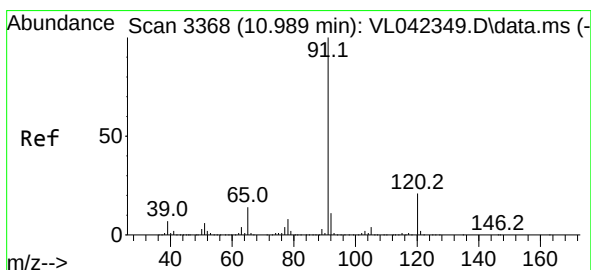
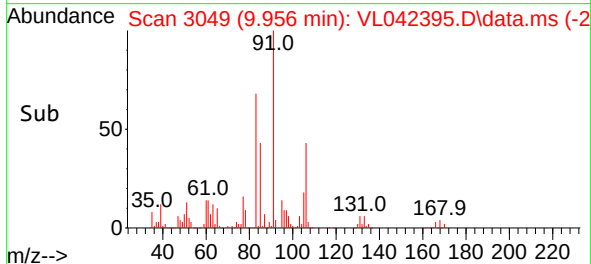
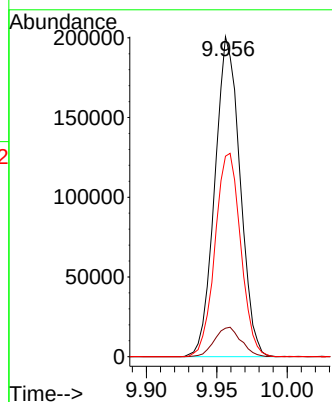
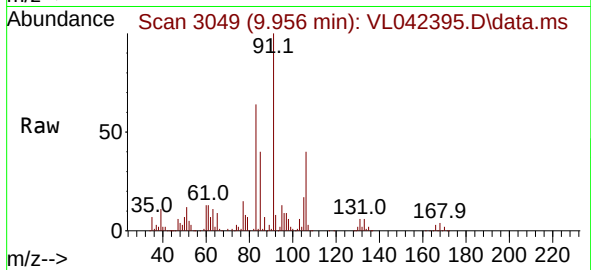
Tgt Ion: 83 Resp: 250238

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.7

85 64.8 32.4 97.0



#64

n-propylbenzene

Concen: 8.744 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.003 min

Lab File: VL042395.D

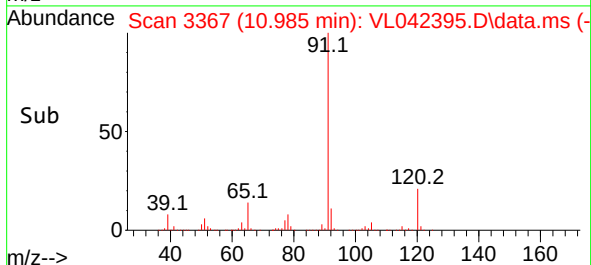
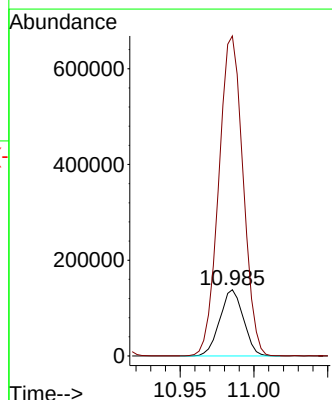
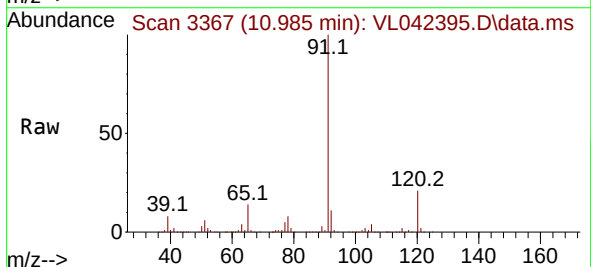
Acq: 21 Apr 2025 08:41

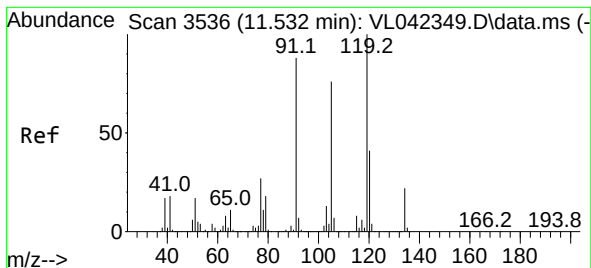
Tgt Ion:120 Resp: 154114

Ion Ratio Lower Upper

120 100

91 499.0 392.4 588.6

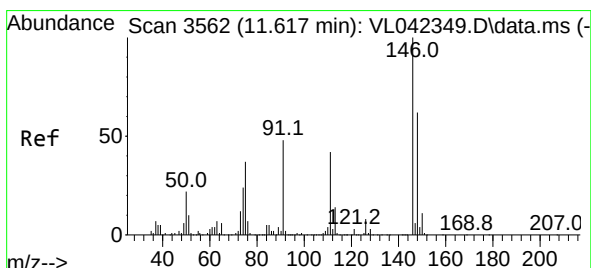
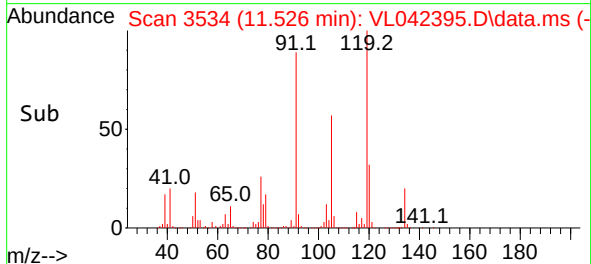
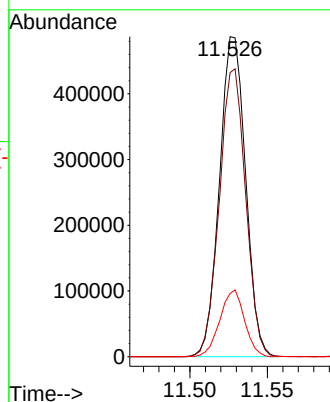
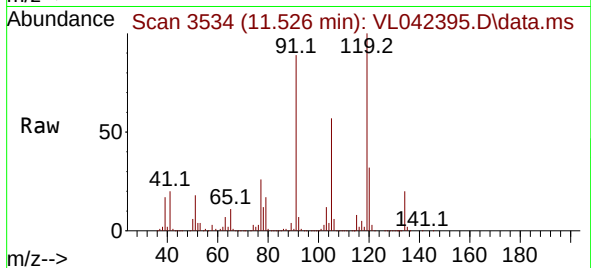




#65
tert-Butylbenzene
Concen: 8.853 ppbv
RT: 11.526 min Scan# 3536
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

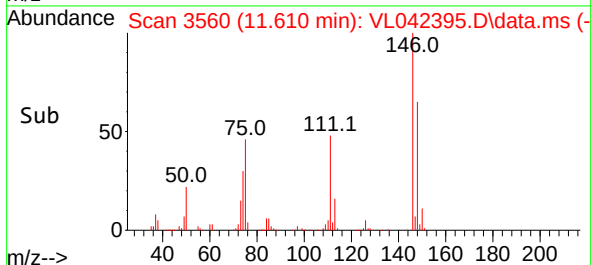
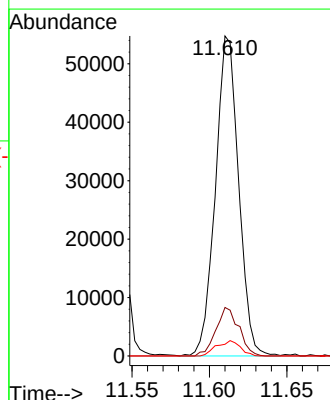
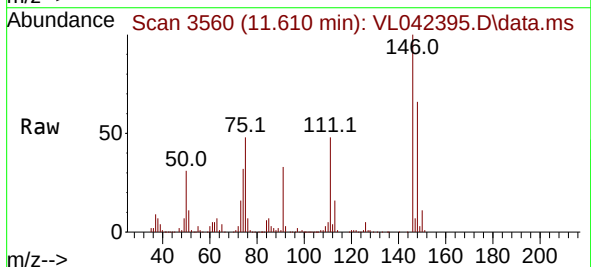
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

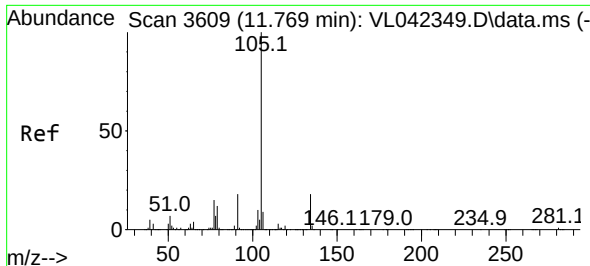
Tgt Ion:119 Resp: 570548
Ion Ratio Lower Upper
119 100
91 90.6 74.6 111.8
134 19.7 18.8 28.2



#66
Benzyl Chloride
Concen: 8.061 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.006 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 91 Resp: 57090
Ion Ratio Lower Upper
91 100
126 14.9 11.8 17.6
128 4.9 4.5 6.7

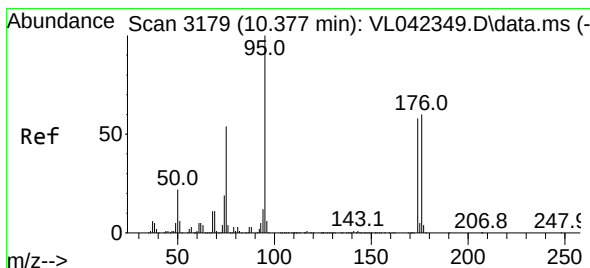
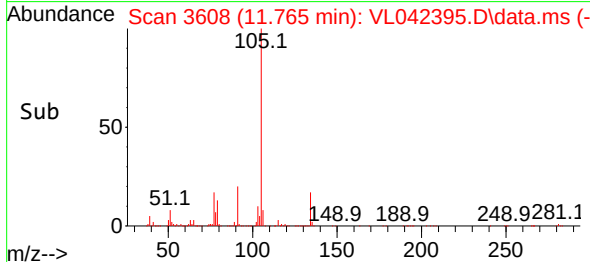
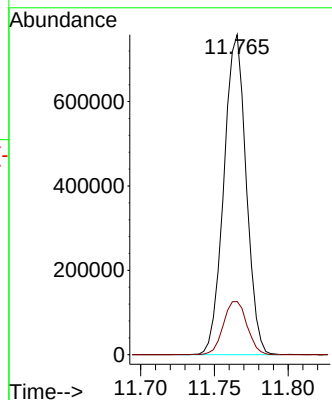
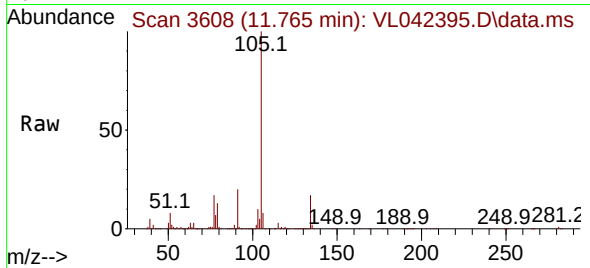




#67
 sec-Butylbenzene
 Concen: 8.899 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

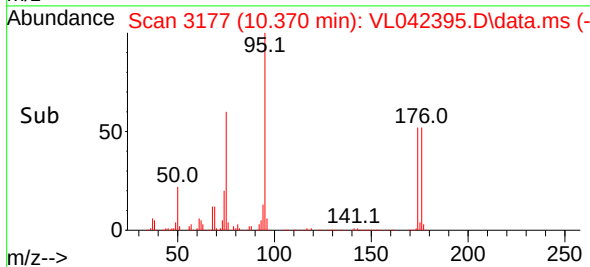
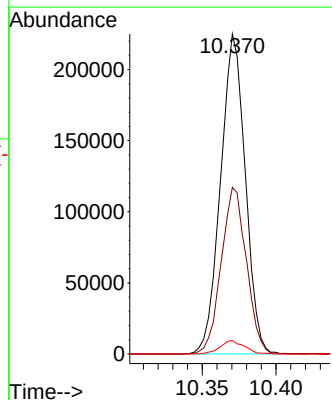
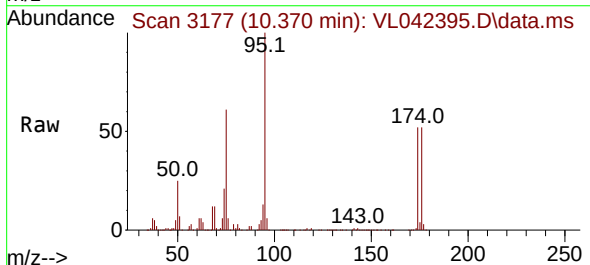
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

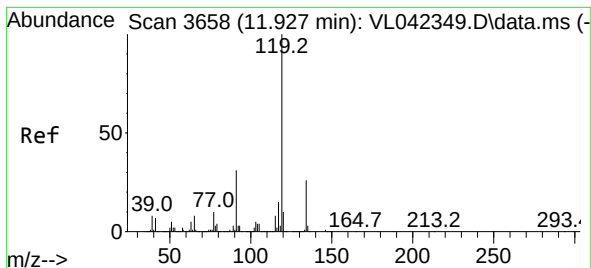
Tgt Ion:105 Resp: 797738
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.736 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.006 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Tgt Ion: 95 Resp: 262155
 Ion Ratio Lower Upper
 95 100
 174 53.0 48.5 72.7
 175 4.1 3.7 5.5





#69

p-Isopropyltoluene

Concen: 8.789 ppbv

RT: 11.921 min Scan# 3

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

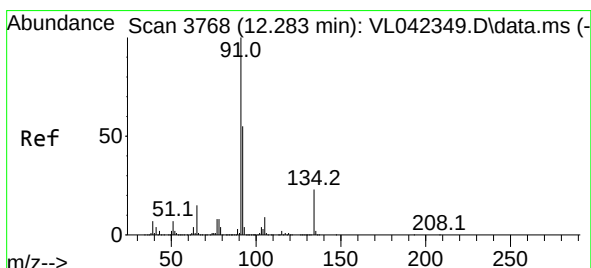
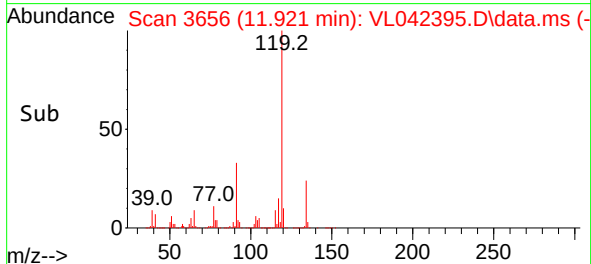
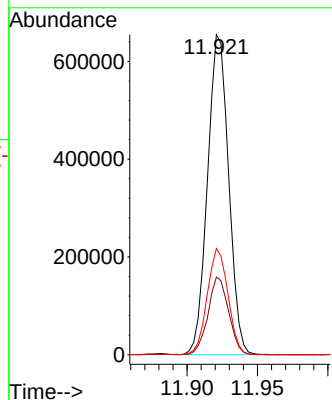
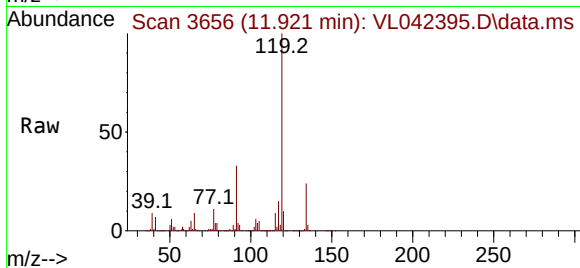
Tgt Ion:119 Resp: 684482

Ion Ratio Lower Upper

119 100

134 23.7 20.0 30.0

91 32.7 24.4 36.6



#70

n-Butylbenzene

Concen: 8.877 ppbv

RT: 12.277 min Scan# 3766

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

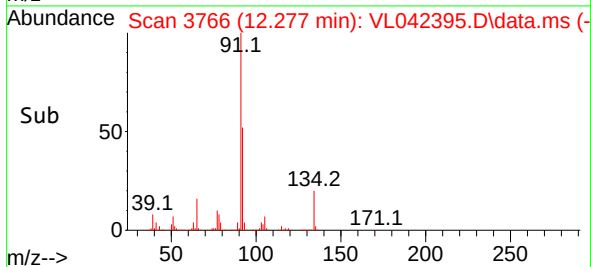
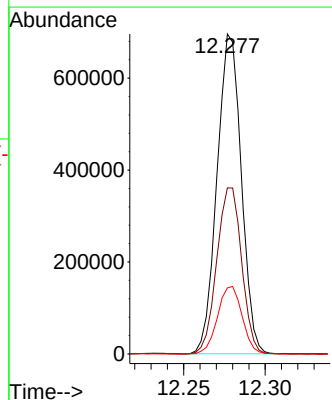
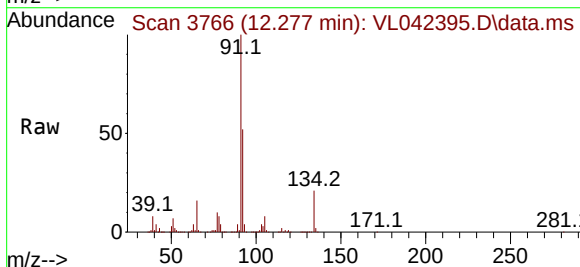
Tgt Ion: 91 Resp: 720062

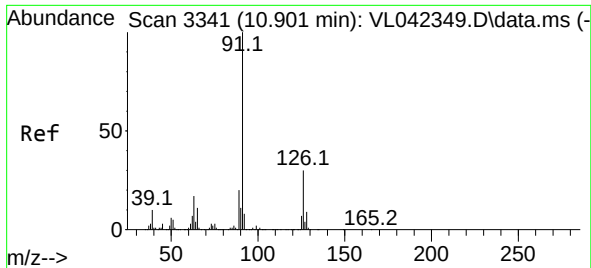
Ion Ratio Lower Upper

91 100

92 53.5 44.2 66.4

134 21.4 18.2 27.4

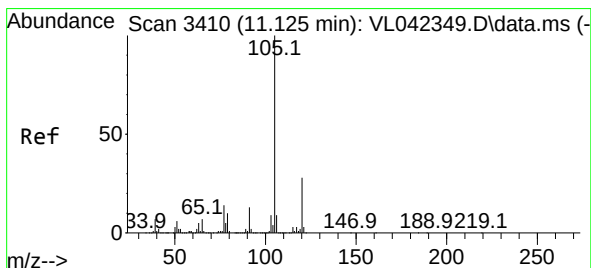
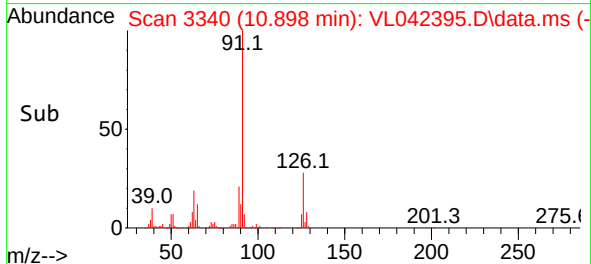
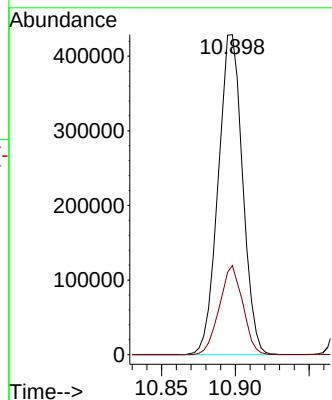
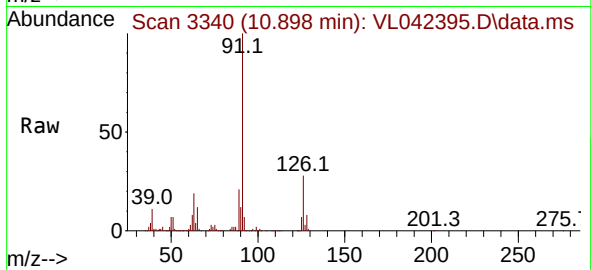




#71
2-Chlorotoluene
Concen: 8.967 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

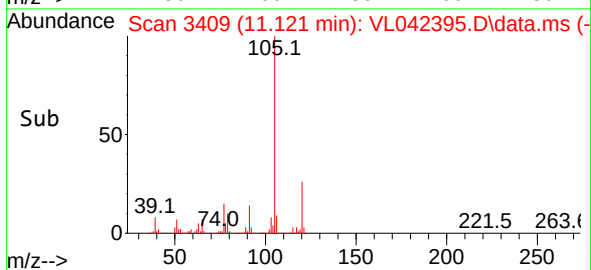
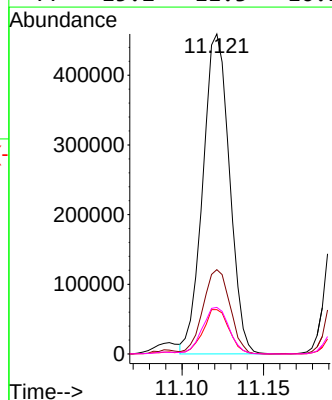
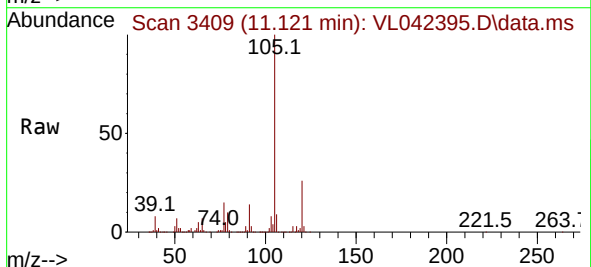
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

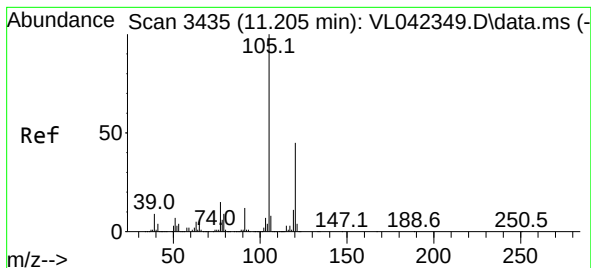
Tgt Ion: 91 Resp: 493192
Ion Ratio Lower Upper
91 100
126 26.6 11.4 45.4



#72
4-Ethyltoluene
Concen: 8.929 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion: 105 Resp: 521390
Ion Ratio Lower Upper
105 100
120 27.8 23.2 34.8
91 14.3 10.4 15.6
77 15.2 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 8.752 ppbv

RT: 11.199 min Scan# 3433

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

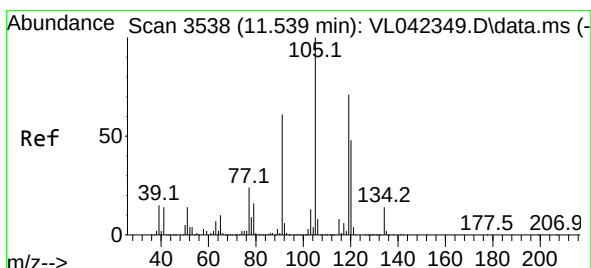
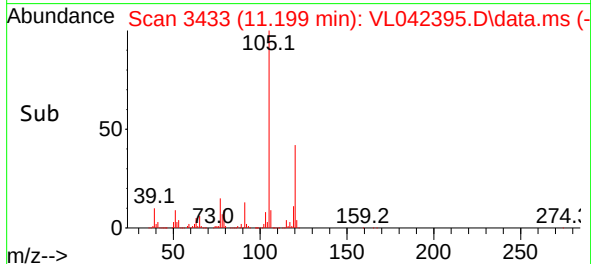
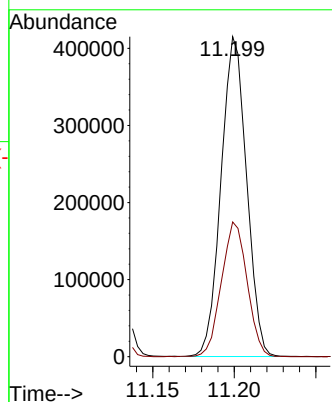
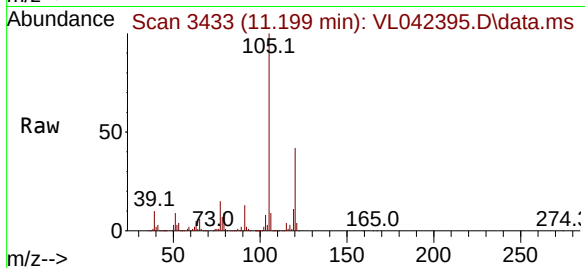
VSTDCCC010

Tgt Ion:105 Resp: 451158

Ion Ratio Lower Upper

105 100

120 42.1 35.6 53.4



#74

1,2,4-Trimethylbenzene

Concen: 8.340 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.006 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Tgt Ion:105 Resp: 502117

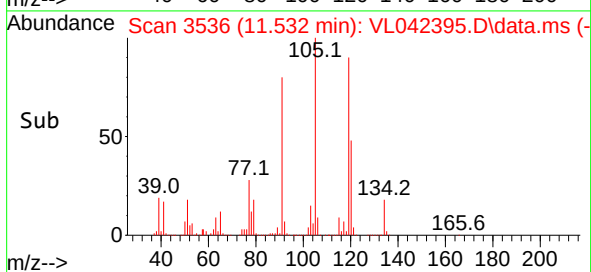
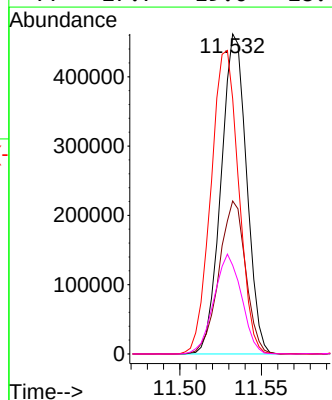
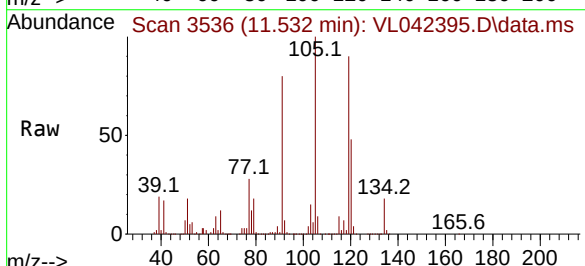
Ion Ratio Lower Upper

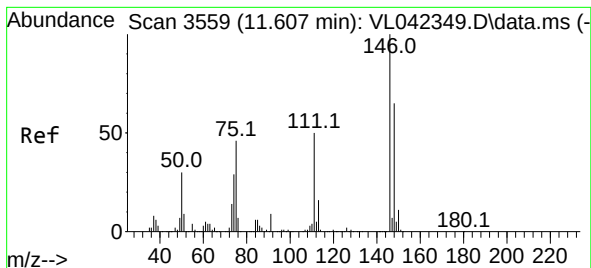
105 100

120 47.8 38.1 57.1

91 79.7 48.8 73.2#

77 27.7 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 8.436 ppbv

RT: 11.604 min Scan# 3559

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

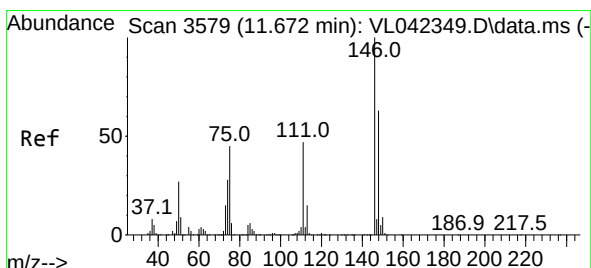
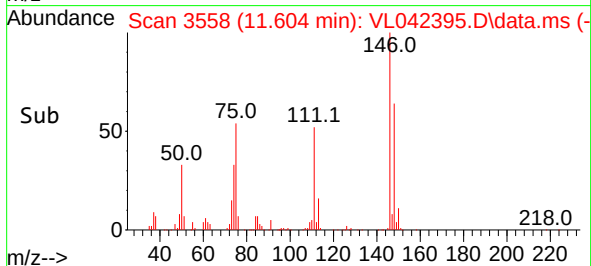
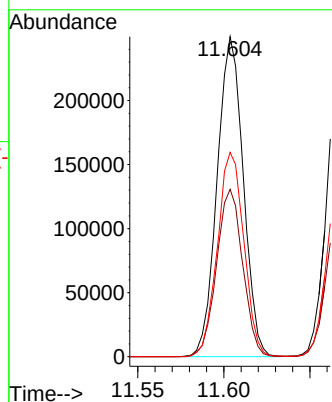
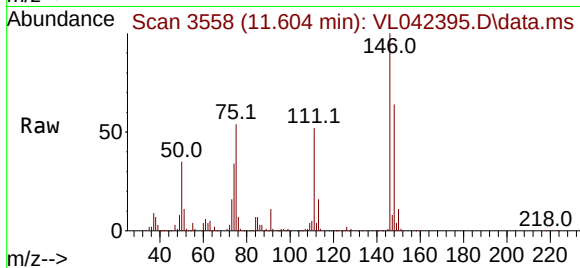
Tgt Ion:146 Resp: 264024

Ion Ratio Lower Upper

146 100

111 52.3 24.3 72.8

148 64.6 31.6 94.8



#76

1,4-Dichlorobenzene

Concen: 8.445 ppbv

RT: 11.668 min Scan# 3578

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

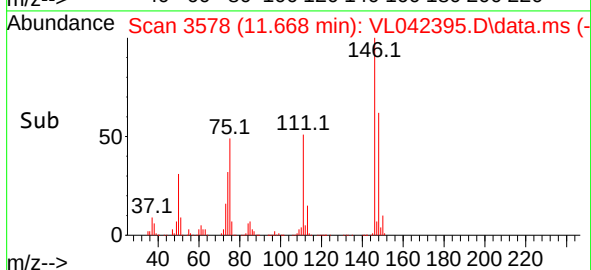
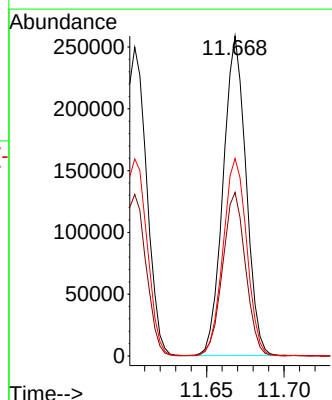
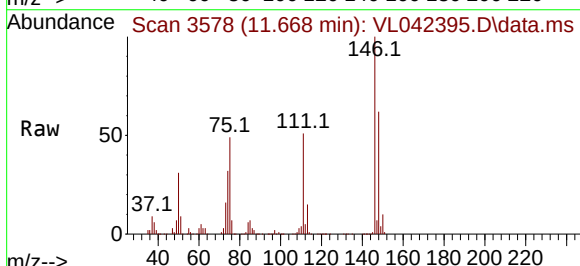
Tgt Ion:146 Resp: 265655

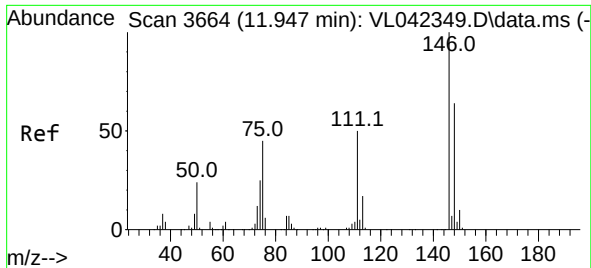
Ion Ratio Lower Upper

146 100

111 51.4 24.2 72.6

148 64.1 32.1 96.5

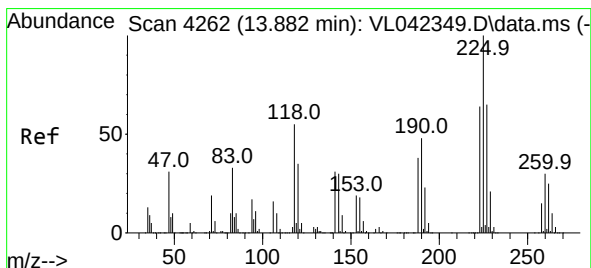
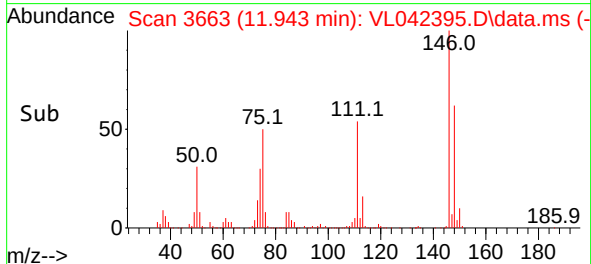
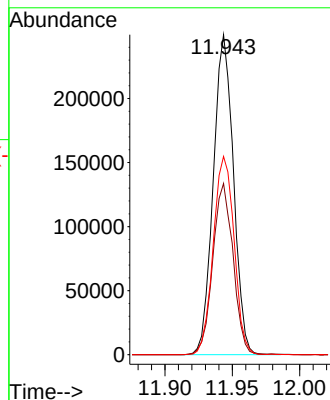
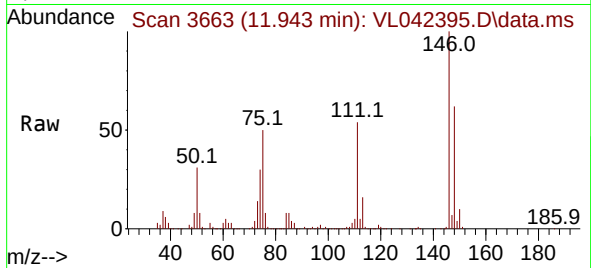




#77
1,2-Dichlorobenzene
Concen: 8.548 ppbv
RT: 11.943 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

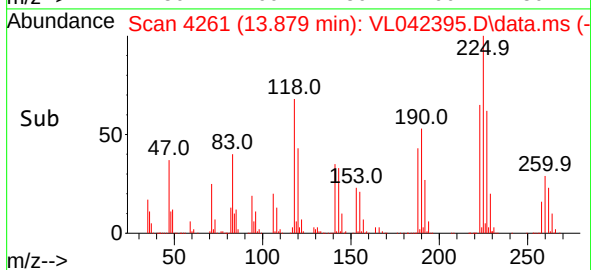
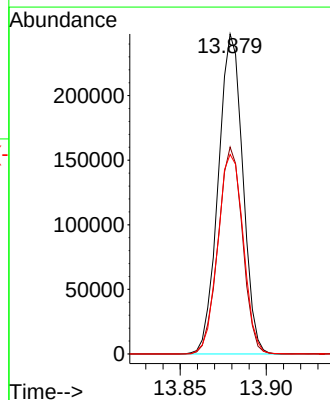
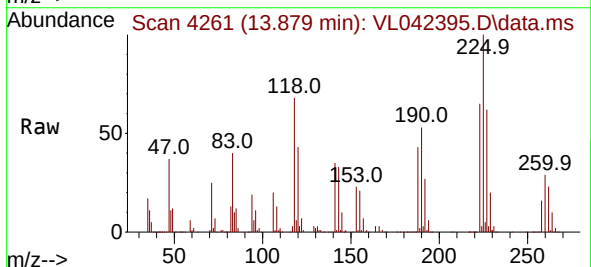
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

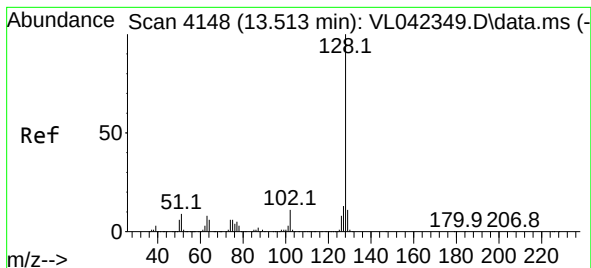
Tgt Ion:146 Resp: 260133
Ion Ratio Lower Upper
146 100
111 53.9 25.3 75.9
148 64.0 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 8.002 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL042395.D
Acq: 21 Apr 2025 08:41

Tgt Ion:225 Resp: 245910
Ion Ratio Lower Upper
225 100
223 64.2 50.3 75.5
227 64.9 51.5 77.3





#79

Naphthalene

Concen: 7.925 ppbv

RT: 13.510 min Scan# 4148

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

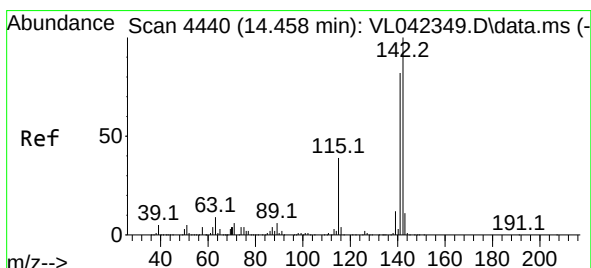
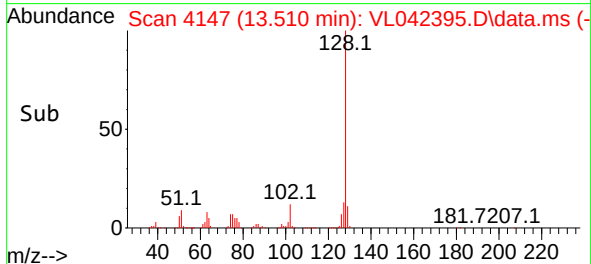
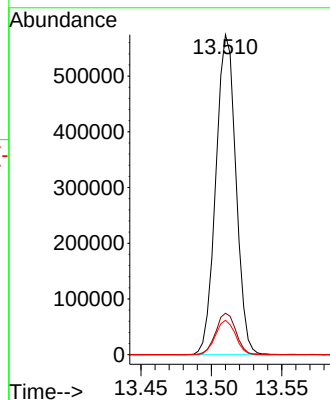
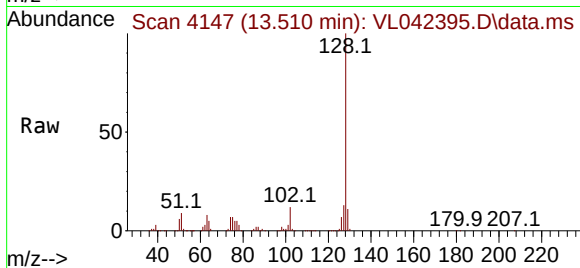
Tgt Ion:128 Resp: 570593

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.8 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 7.412 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.003 min

Lab File: VL042395.D

Acq: 21 Apr 2025 08:41

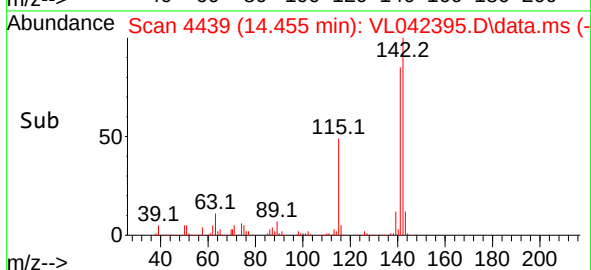
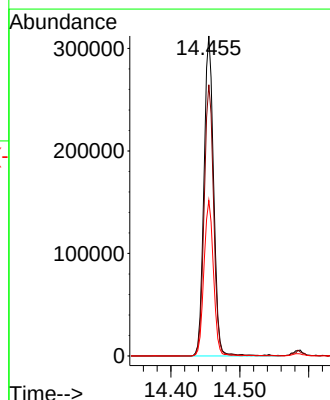
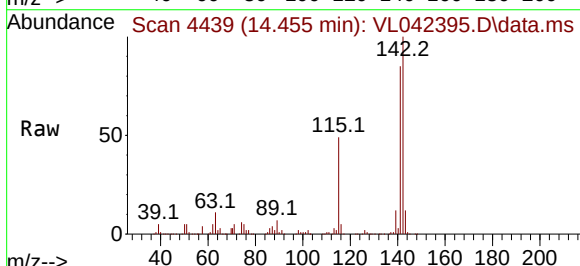
Tgt Ion:142 Resp: 304139

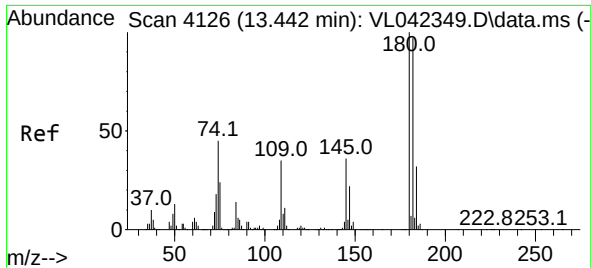
Ion Ratio Lower Upper

142 100

141 83.9 66.8 100.2

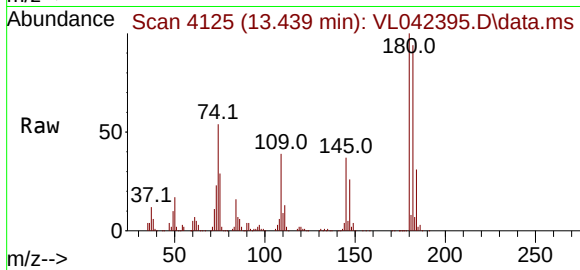
115 47.9 33.4 50.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.112 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042395.D
 Acq: 21 Apr 2025 08:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 250801
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.8 115.2
 184 30.5 24.6 36.8

