

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042349.D
 Acq On : 17 Apr 2025 09:44
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 18 01:25:08 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 01:24:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	125455	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	366544	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	338126	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	281013	10.114	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	207962	9.382	ppbv	100
3) Chlorodifluoromethane	1.476	51	197334	9.350	ppbv	100
4) Chloromethane	1.531	50	81843	9.330	ppbv	100
5) Vinyl Chloride	1.580	62	80068	8.385	ppbv	100
6) Bromomethane	1.667	94	38128	9.219	ppbv	100
7) Chloroethane	1.703	64	31705	9.182	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	179696	9.442	ppbv	100
9) Propene	1.483	41	86530	9.002	ppbv	100
10) Heptane	4.978	43	236341	9.138	ppbv	100
11) Trichlorofluoromethane	1.877	101	196596	9.327	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.136	101	160682	9.323	ppbv	100
13) Ethanol	1.719	45	4439	5.651	ppbv	100
14) Bromoethene	1.780	108	61493	9.466	ppbv	100
15) Acetone	1.835	43	158490	7.717	ppbv	100
16) 1,3-Butadiene	1.609	39	81688	8.470	ppbv	100
17) tert-Butyl alcohol	2.039	59	226280	8.891	ppbv	100
18) 1,1-Dichloroethene	2.033	96	73186	8.833	ppbv	100
19) Isopropyl Alcohol	1.884	45	103029	9.031	ppbv	100
20) Methylene Chloride	2.062	84	62414	7.760	ppbv	100
21) Allyl Chloride	2.094	41	122115	8.611	ppbv	100
22) trans-1,2-Dichloroethene	2.340	96	83278	9.084	ppbv	100
23) Vinyl Acetate	2.460	43	69649	8.378	ppbv	100
24) 1,1-Dichloroethane	2.408	63	161102	9.251	ppbv	100
25) Ethyl Acetate	2.836	43	461315	9.110	ppbv	100
26) Hexane	2.826	57	178691	8.720	ppbv	100
27) Carbon Disulfide	2.149	76	209297	9.539	ppbv	100
28) Methyl tert-Butyl Ether	2.441	73	117924	8.783	ppbv	100
29) Chloroform	2.848	83	269088	9.290	ppbv	100
30) Cyclohexane	3.855	84	157035	9.517	ppbv	100
31) cis-1,2-Dichloroethene	2.719	61	183082	9.397	ppbv	100
32) 1,1,1-Trichloroethane	3.366	97	285336	9.187	ppbv	100
34) 2-Butanone	2.557	43	251704	8.683	ppbv	100
35) Carbon Tetrachloride	3.761	117	282402	8.513	ppbv	100
36) Benzene	3.654	78	367355	9.292	ppbv	100
37) 1,2-Dichloroethane	3.217	62	216999	9.145	ppbv	100
38) Trichloroethene	4.548	130	144767	8.352	ppbv	100
39) 1,2-Dichloropropane	4.311	63	135605	9.197	ppbv	100
40) 1,4-Dioxane	4.580	88	66662	8.348	ppbv #	100
41) Tetrahydrofuran	3.052	42	149905	8.950	ppbv	100
42) Bromodichloromethane	4.489	83	312268	9.456	ppbv	100
43) Methyl Methacrylate	4.881	69	157501	8.876	ppbv	100
44) 2,2,4-Trimethylpentane	4.642	57	626085	9.157	ppbv	100
45) t-1,3-Dichloropropene	6.415	75	168223	9.233	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042349.D
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 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

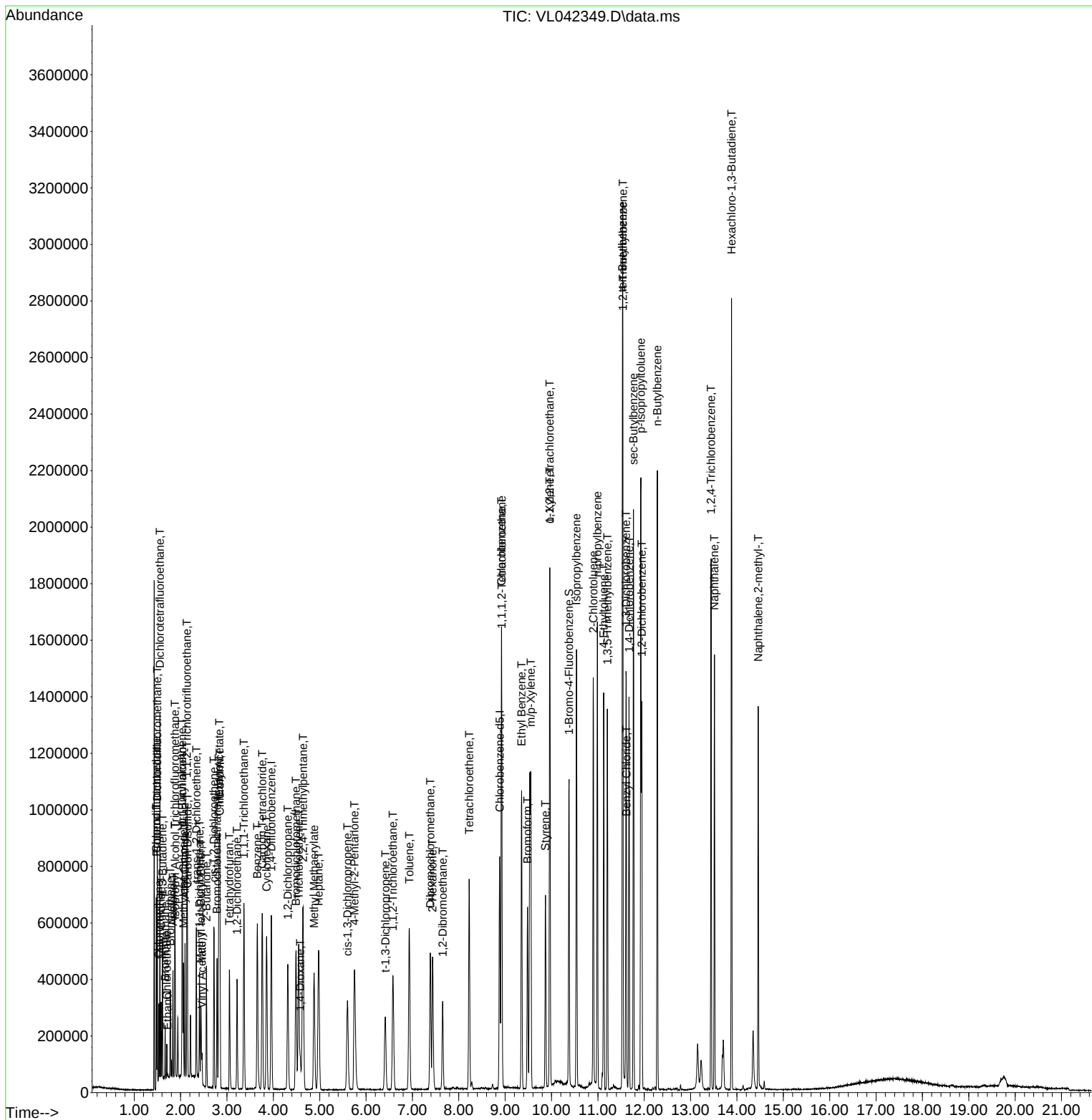
Instrument :
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 ClientSampleId :
 VSTDICCC010

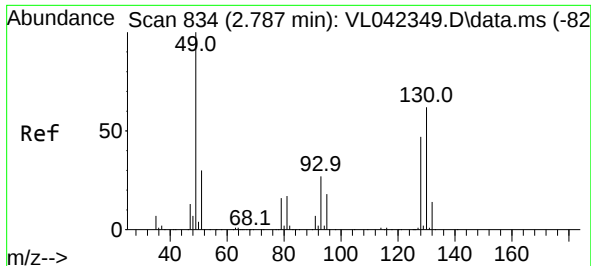
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 01:24:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	208811	9.377	ppbv	100
47) 1,1,2-Trichloroethane	6.580	97	137898	9.181	ppbv	100
48) Dibromochloromethane	7.386	129	248954	9.388	ppbv	100
49) Bromoform	9.480	173	225706	9.734	ppbv	100
50) 4-Methyl-2-Pentanone	5.752	43	396548	8.215	ppbv	100
51) 2-Hexanone	7.435	43	327165	7.511	ppbv	100
52) Tetrachloroethene	8.225	164	130720	8.553	ppbv	100
53) Toluene	6.933	91	437258	9.216	ppbv	100
54) 1,2-Dibromoethane	7.652	107	197665	9.235	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.927	131	186041	9.091	ppbv	100
57) Chlorobenzene	8.920	112	323084	9.187	ppbv	100
58) Ethyl Benzene	9.354	91	619581	9.248	ppbv	100
59) m/p-Xylene	9.552	91	449222	8.299	ppbv #	19
60) o-Xylene	9.963	91	487616	8.972	ppbv	100
61) Styrene	9.869	104	245487	9.464	ppbv	100
62) Isopropylbenzene	10.539	105	733788	9.197	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	295041	8.355	ppbv	100
64) n-propylbenzene	10.989	120	183390	9.144	ppbv	100
65) tert-Butylbenzene	11.532	119	644953	8.795	ppbv	100
66) Benzyl Chloride	11.617	91	83269	10.333	ppbv	100
67) sec-Butylbenzene	11.769	105	900074	8.824	ppbv	100
69) p-Isopropyltoluene	11.927	119	778987	8.790	ppbv	100
70) n-Butylbenzene	12.283	91	801364	8.682	ppbv	100
71) 2-Chlorotoluene	10.901	91	573039	9.157	ppbv	100
72) 4-Ethyltoluene	11.125	105	596757	8.982	ppbv	100
73) 1,3,5-Trimethylbenzene	11.205	105	512855	8.743	ppbv	100
74) 1,2,4-Trimethylbenzene	11.539	105	565064	8.248	ppbv	100
75) 1,3-Dichlorobenzene	11.607	146	320380	8.997	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	319089	8.915	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	305822	8.832	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	291833	8.346	ppbv	100
79) Naphthalene	13.513	128	677578	8.271	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	376995	8.074	ppbv	100
81) 1,2,4-Trichlorobenzene	13.442	180	306119	8.702	ppbv	100

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

Quant Time: Apr 18 01:25:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
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QLast Update : Fri Apr 18 01:24:29 2025
Response via : Initial Calibration

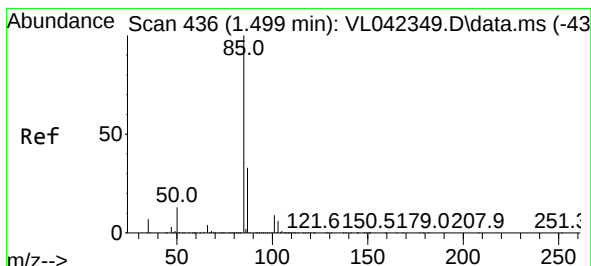
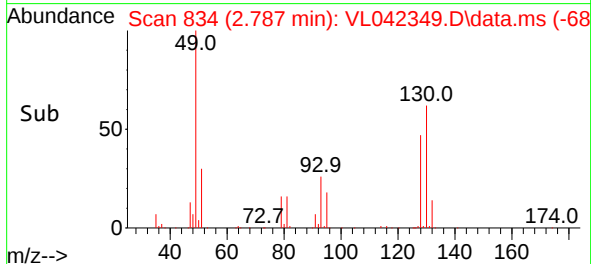
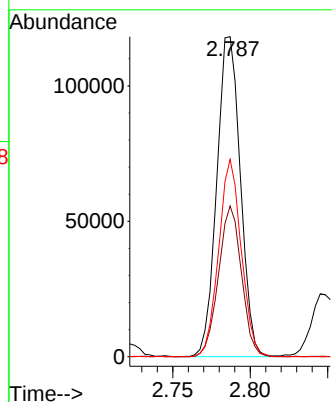
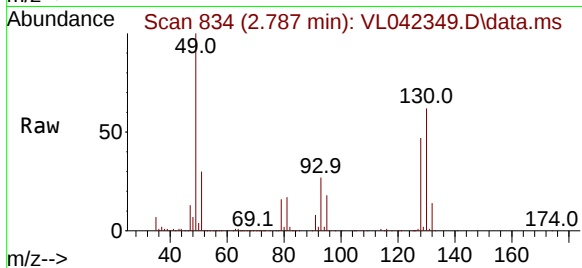




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

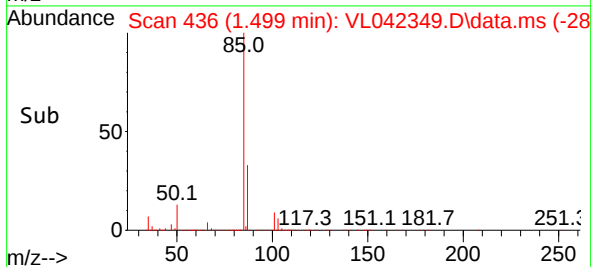
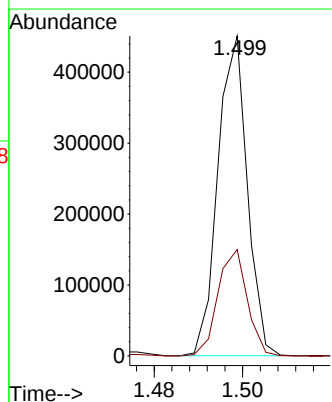
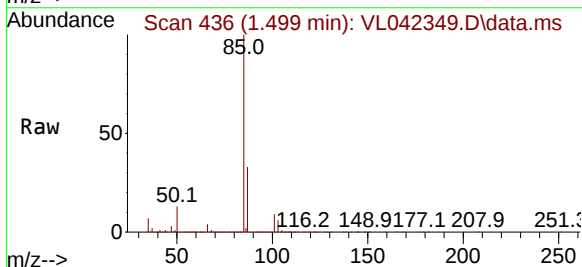
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

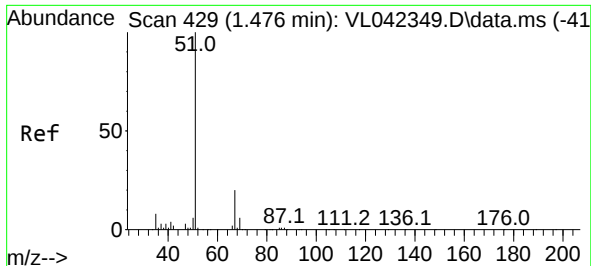
Tgt Ion: 49 Resp: 125455
Ion Ratio Lower Upper
49 100
128 45.6 22.8 68.4
130 58.7 29.3 88.0



#2
Dichlorodifluoromethane
Concen: 9.382 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 85 Resp: 207962
Ion Ratio Lower Upper
85 100
87 33.2 26.6 39.8

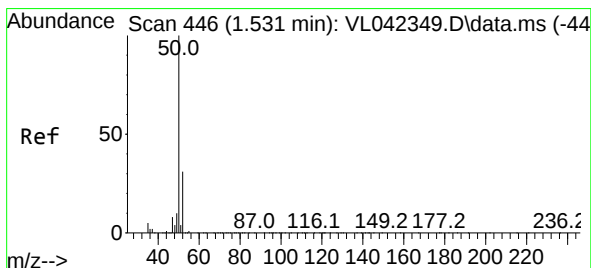
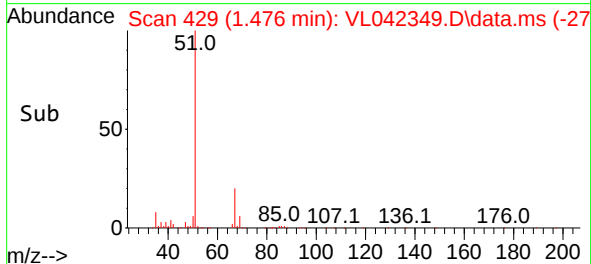
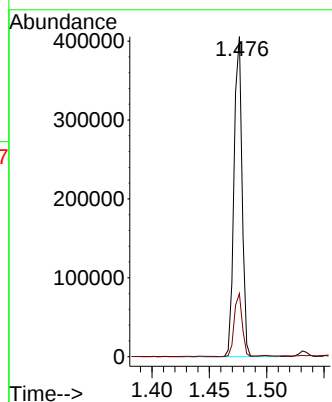
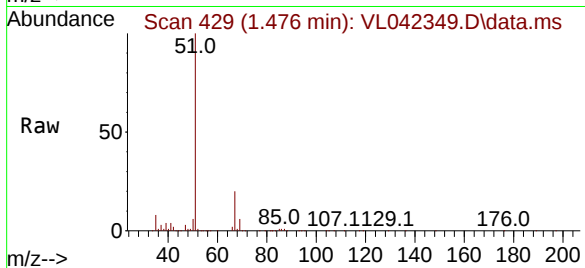




#3
Chlorodifluoromethane
Concen: 9.350 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

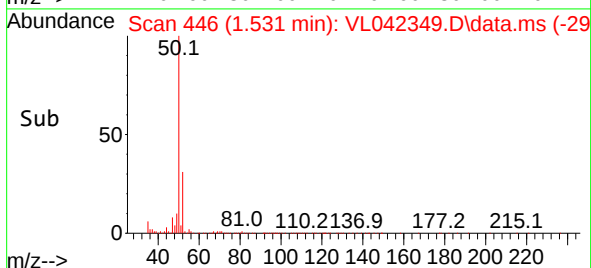
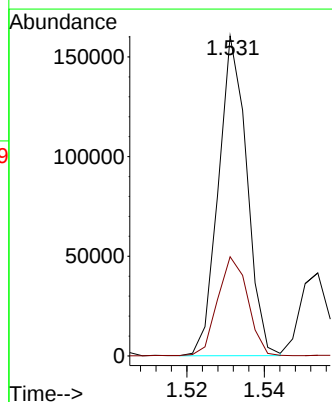
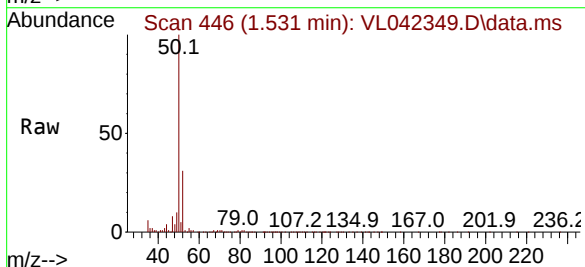
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

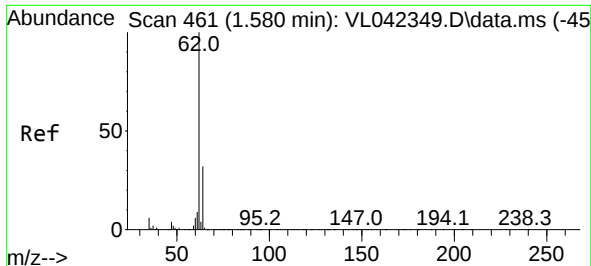
Tgt Ion: 51 Resp: 197334
Ion Ratio Lower Upper
51 100
67 20.3 16.2 24.4



#4
Chloromethane
Concen: 9.330 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 50 Resp: 81843
Ion Ratio Lower Upper
50 100
52 30.9 24.7 37.1

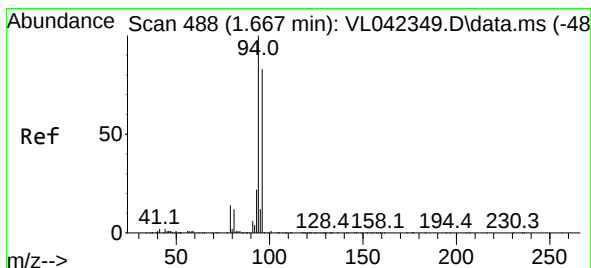
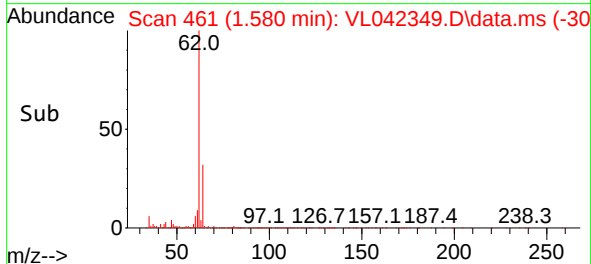
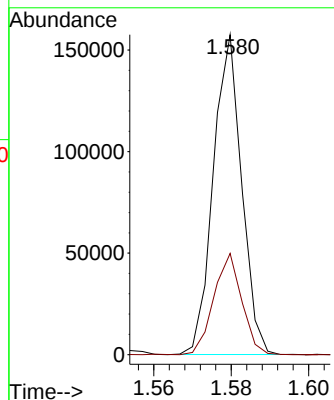
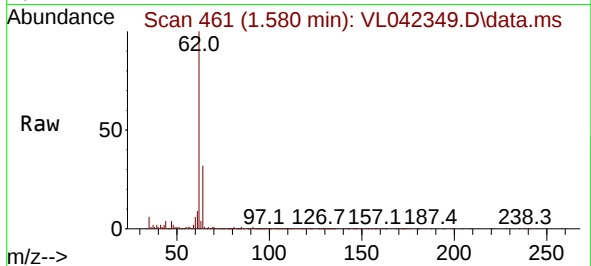




#5
 Vinyl Chloride
 Concen: 8.385 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

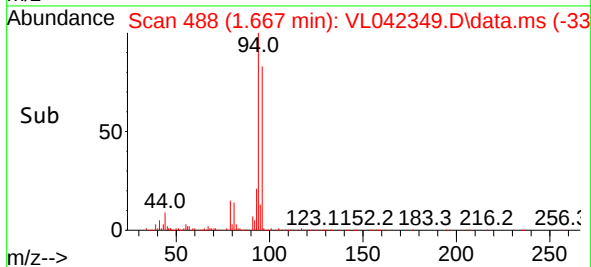
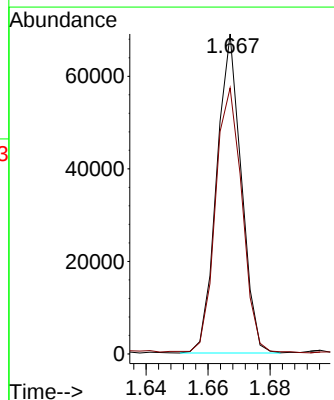
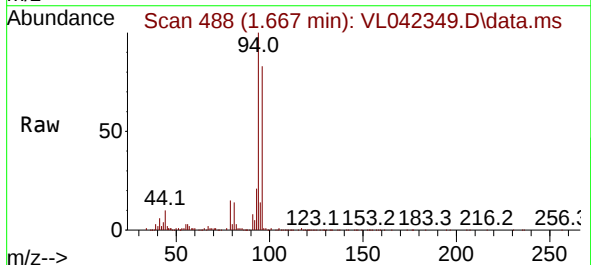
Instrument :
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 ClientSampleId :
 VSTDICCC010

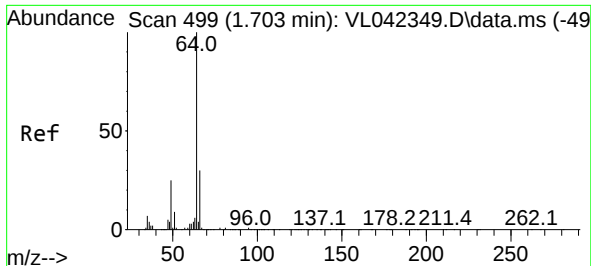
Tgt Ion: 62 Resp: 80068
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.4 38.0



#6
 Bromomethane
 Concen: 9.219 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion: 94 Resp: 38128
 Ion Ratio Lower Upper
 94 100
 96 82.7 66.2 99.2

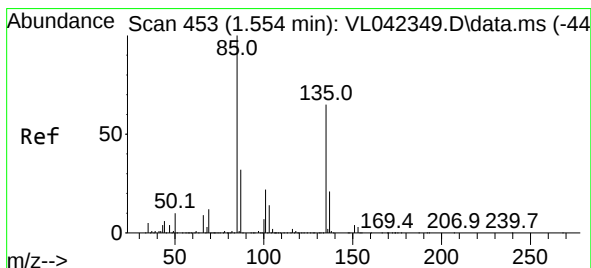
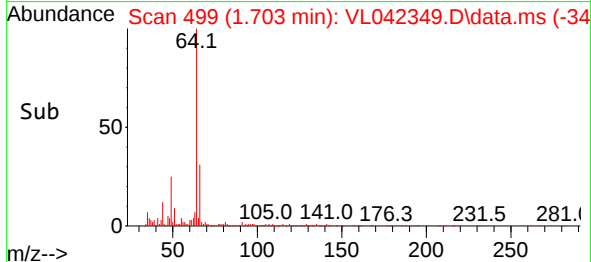
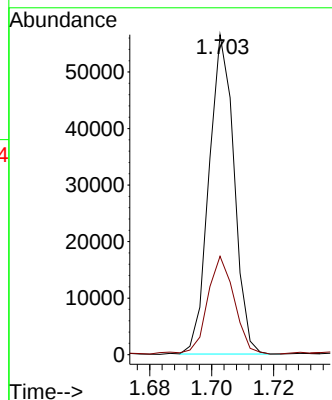
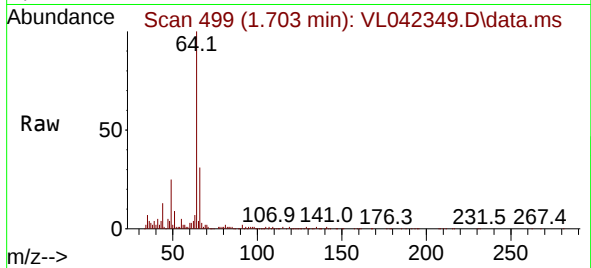




#7
Chloroethane
Concen: 9.182 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

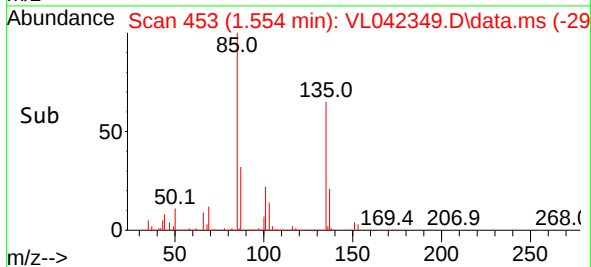
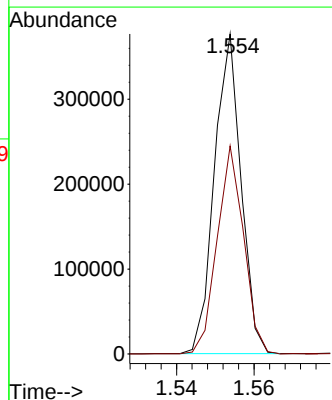
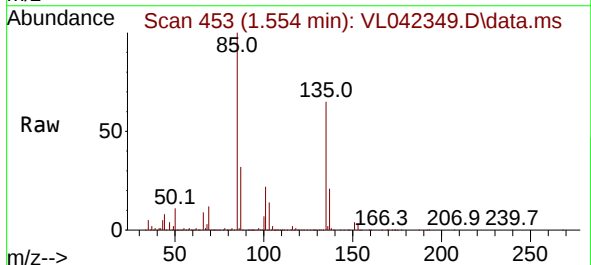
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ClientSampleId :
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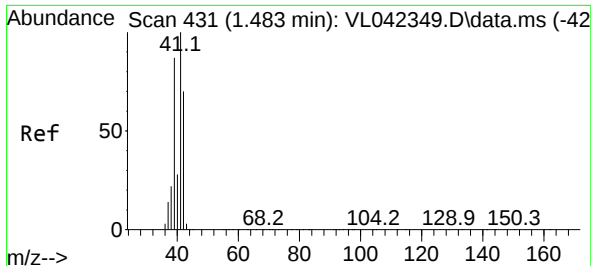
Tgt Ion: 64 Resp: 31705
Ion Ratio Lower Upper
64 100
66 30.8 24.6 37.0



#8
Dichlorotetrafluoroethane
Concen: 9.442 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 85 Resp: 179696
Ion Ratio Lower Upper
85 100
135 65.2 52.2 78.2





#9

Propene

Concen: 9.002 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

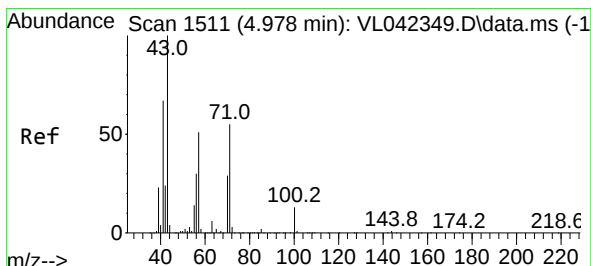
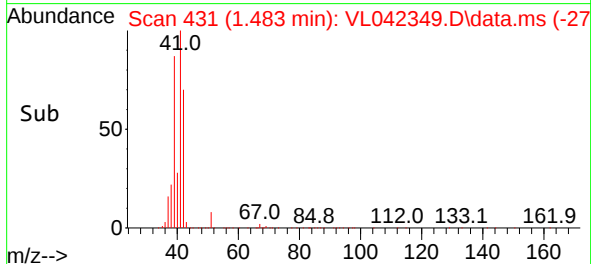
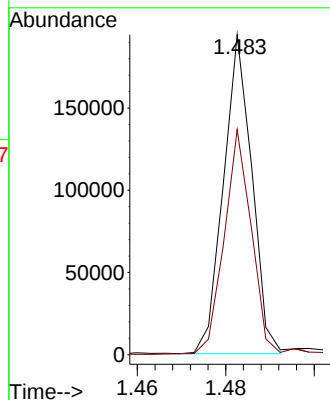
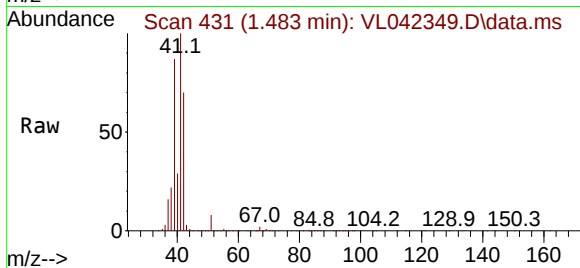
VSTDICCC010

Tgt Ion: 41 Resp: 86530

Ion Ratio Lower Upper

41 100

42 70.3 56.2 84.4



#10

Heptane

Concen: 9.138 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VL042349.D

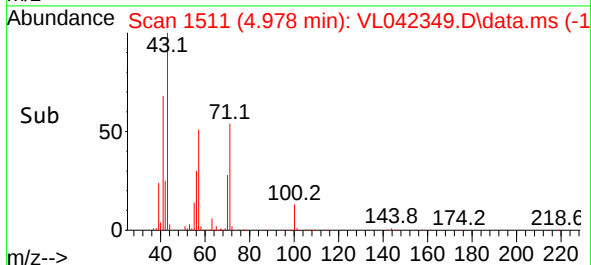
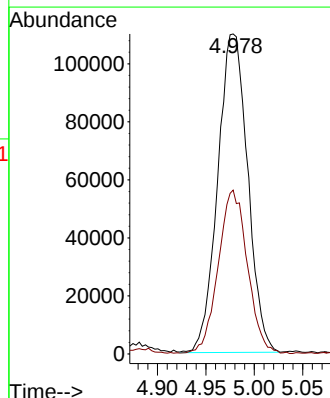
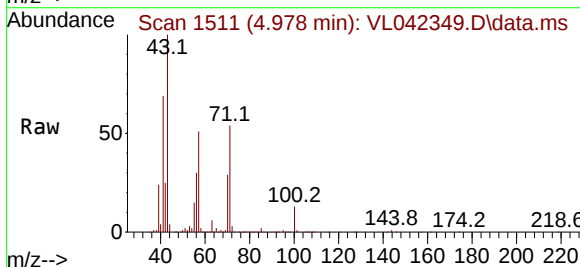
Acq: 17 Apr 2025 09:44

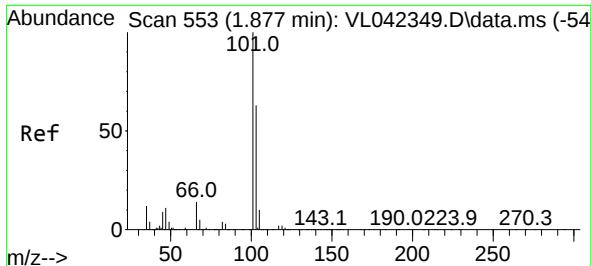
Tgt Ion: 43 Resp: 236341

Ion Ratio Lower Upper

43 100

57 49.9 39.9 59.9

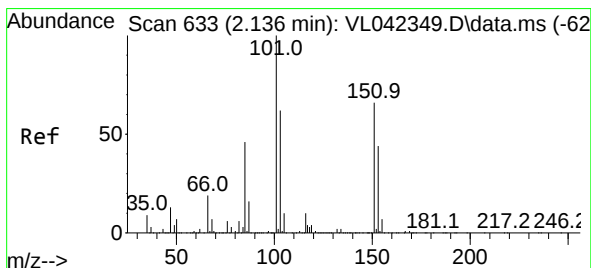
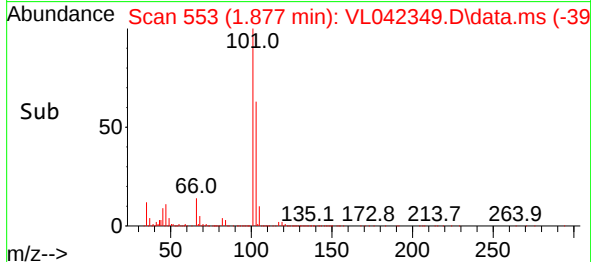
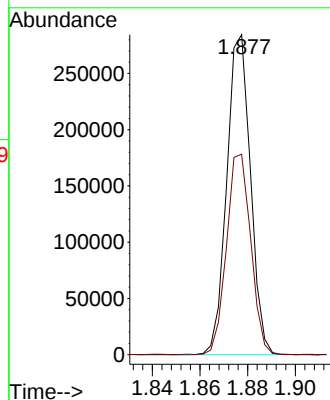
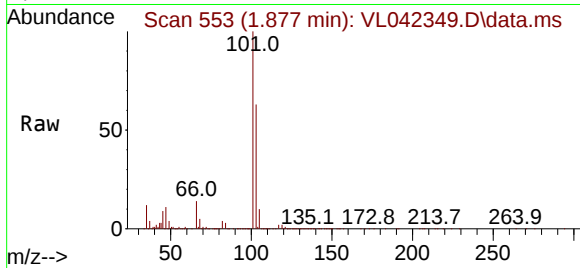




#11
 Trichlorofluoromethane
 Concen: 9.327 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

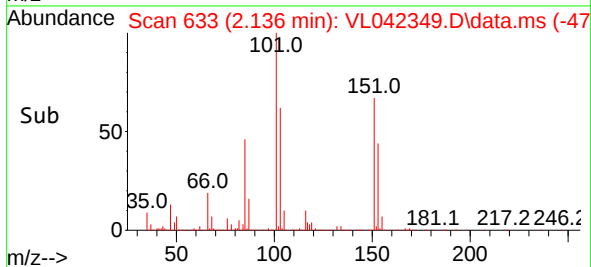
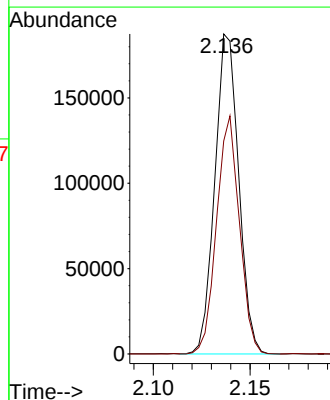
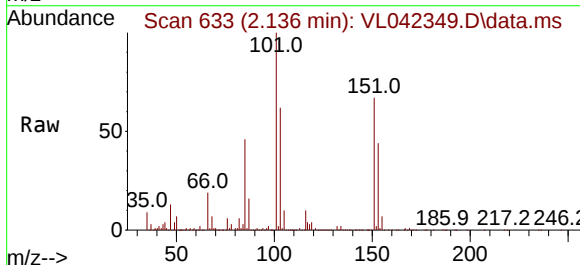
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

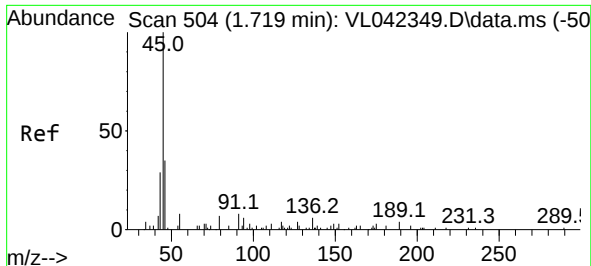
Tgt Ion:101 Resp: 196596
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.323 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion:101 Resp: 160682
 Ion Ratio Lower Upper
 101 100
 151 71.3 57.0 85.6

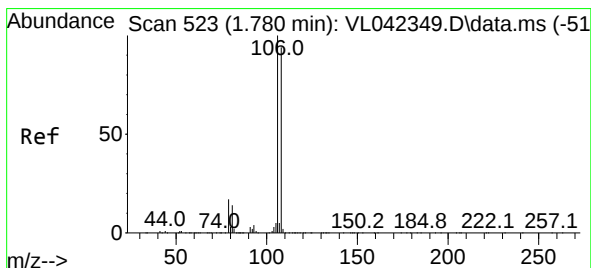
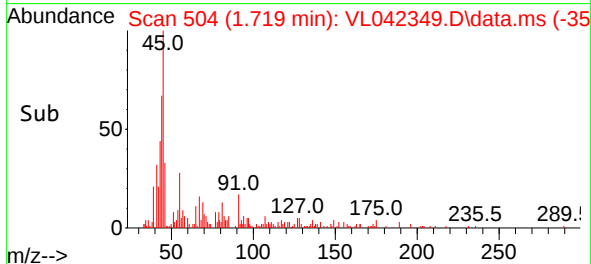
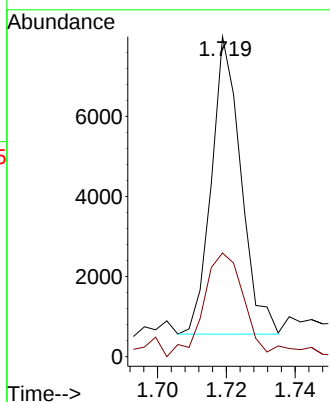
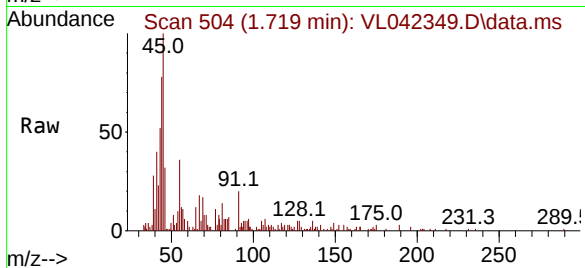




#13
Ethanol
Concen: 5.651 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

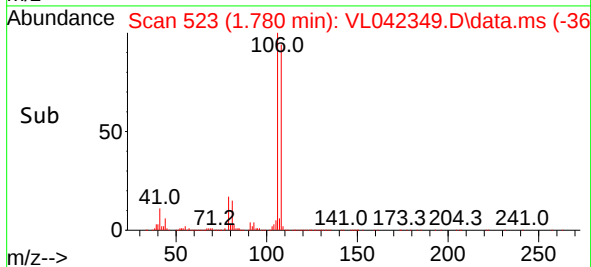
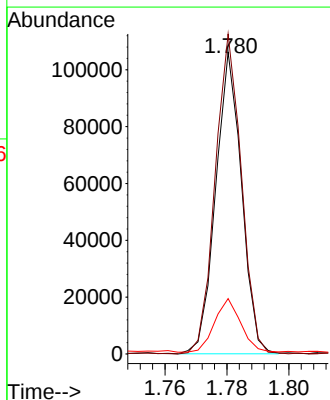
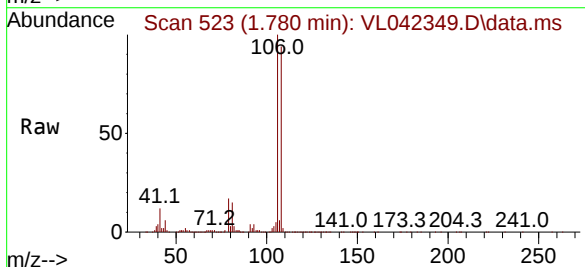
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

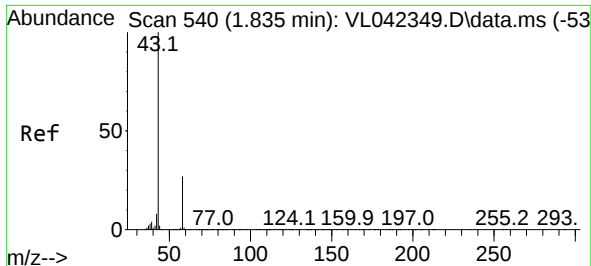
Tgt Ion: 45 Resp: 4439
Ion Ratio Lower Upper
45 100
46 54.8 21.9 87.7



#14
Bromoethene
Concen: 9.466 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 108 Resp: 61493
Ion Ratio Lower Upper
108 100
106 107.4 85.9 128.9
79 17.4 13.9 20.9

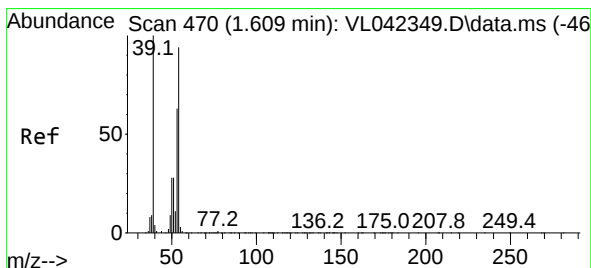
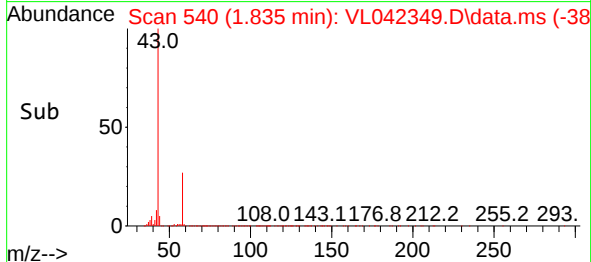
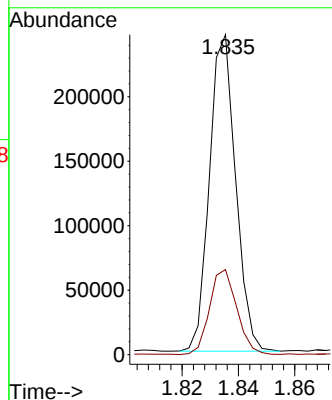
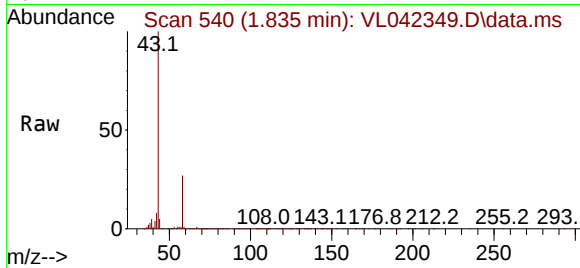




#15
Acetone
Concen: 7.717 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

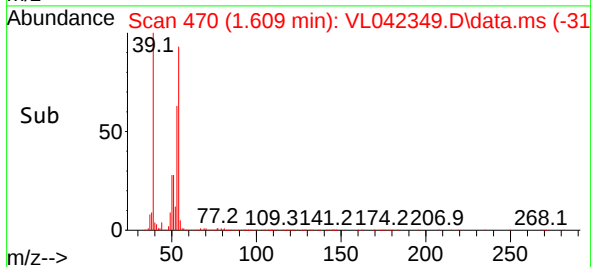
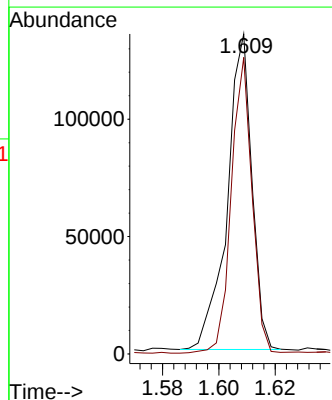
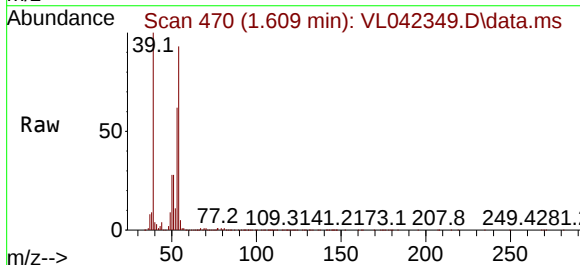
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

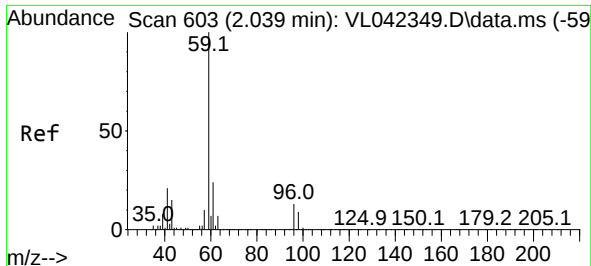
Tgt Ion: 43 Resp: 158490
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6



#16
1,3-Butadiene
Concen: 8.470 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 39 Resp: 81688
Ion Ratio Lower Upper
39 100
54 81.1 64.9 97.3





#17

tert-Butyl alcohol

Concen: 8.891 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_1

ClientSampleId :

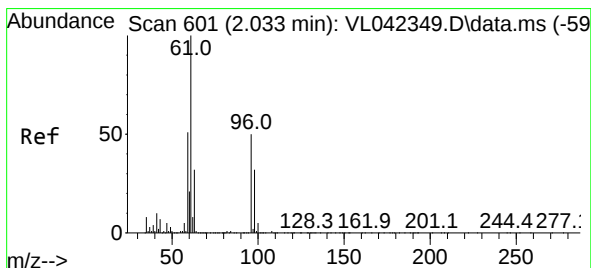
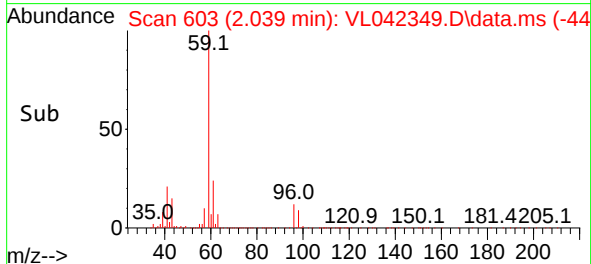
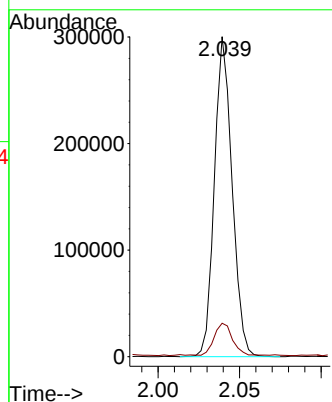
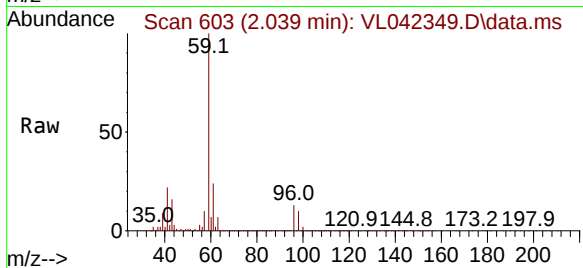
VSTDICCC010

Tgt Ion: 59 Resp: 226280

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 8.833 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

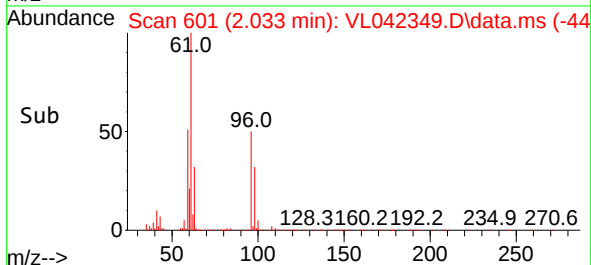
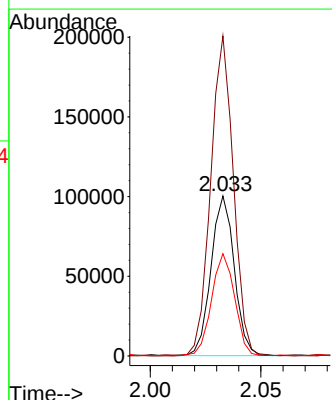
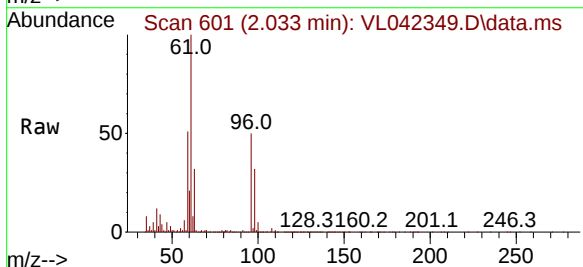
Tgt Ion: 96 Resp: 73186

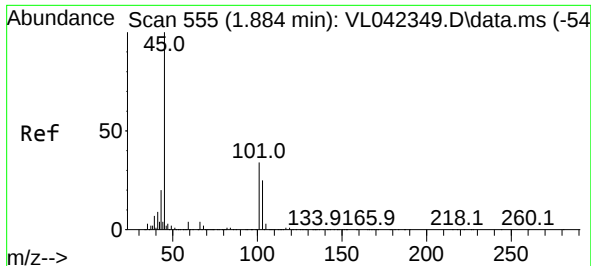
Ion Ratio Lower Upper

96 100

61 200.2 160.2 240.2

98 63.7 51.0 76.4

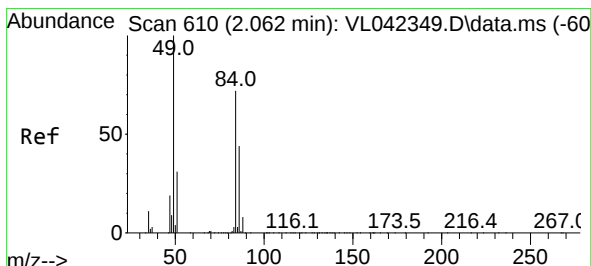
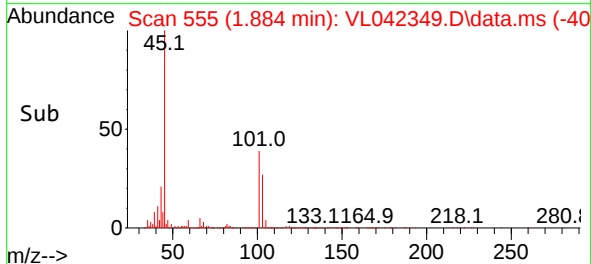
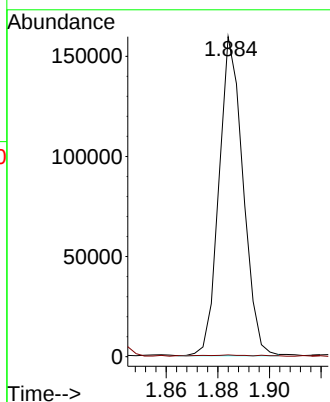
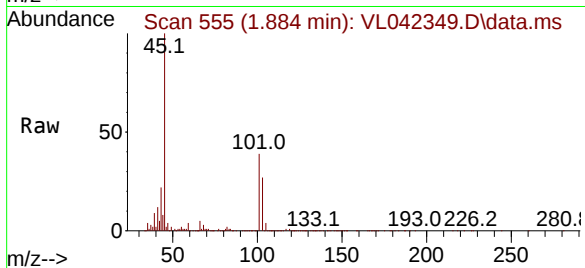




#19
Isopropyl Alcohol
Concen: 9.031 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

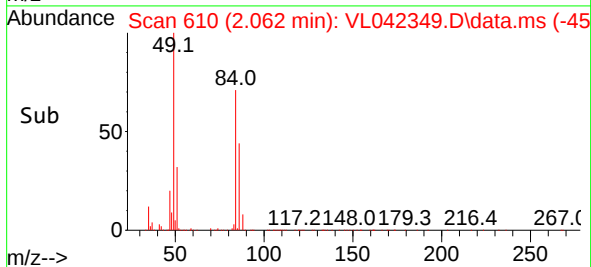
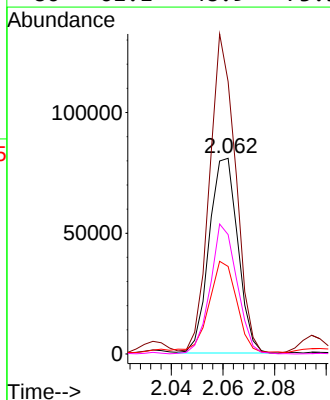
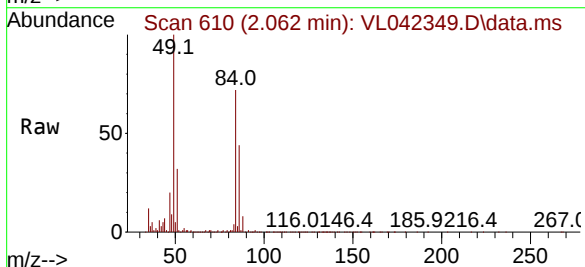
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

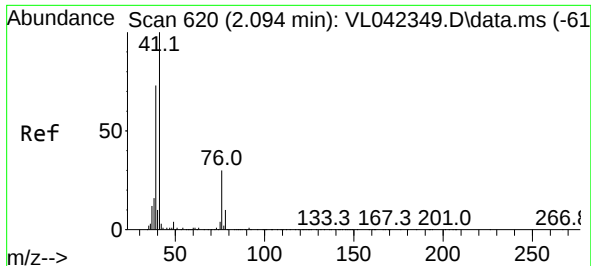
Tgt Ion: 45 Resp: 103029
Ion Ratio Lower Upper
45 100
58 43.1 34.5 51.7



#20
Methylene Chloride
Concen: 7.760 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 84 Resp: 62414
Ion Ratio Lower Upper
84 100
49 139.5 111.6 167.4
51 43.9 35.1 52.7
86 61.1 48.9 73.3

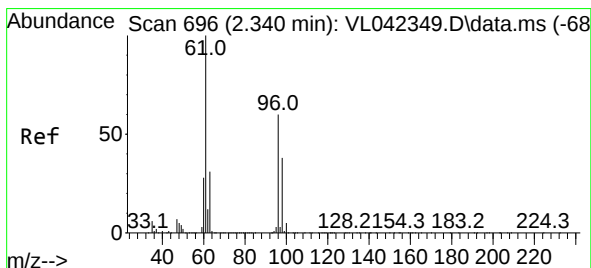
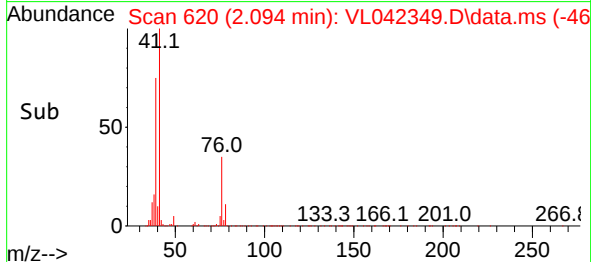
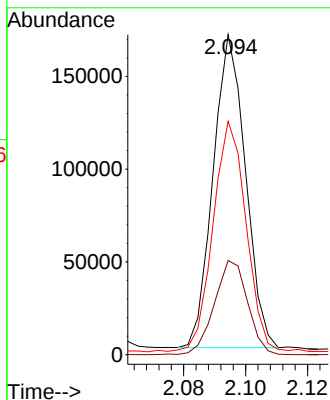
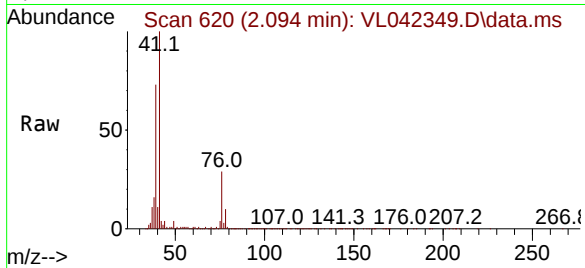




#21
 Allyl Chloride
 Concen: 8.611 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

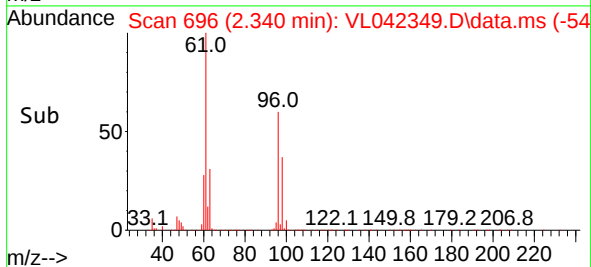
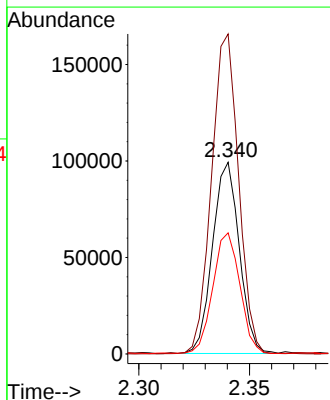
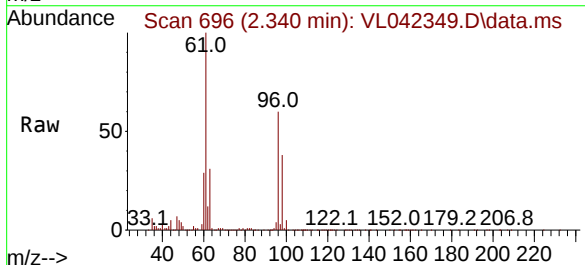
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

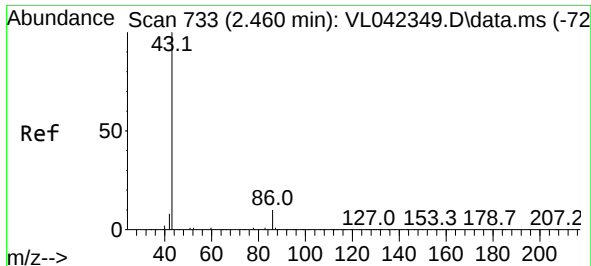
Tgt Ion: 41 Resp: 122115
 Ion Ratio Lower Upper
 41 100
 76 31.0 24.8 37.2
 39 75.7 60.6 90.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.084 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion: 96 Resp: 83278
 Ion Ratio Lower Upper
 96 100
 61 167.1 133.7 200.5
 98 62.9 50.3 75.5

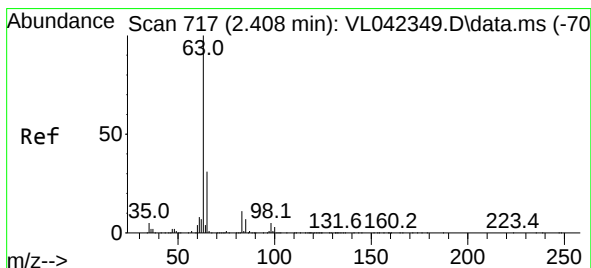
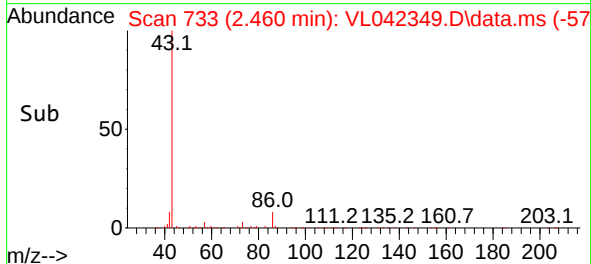
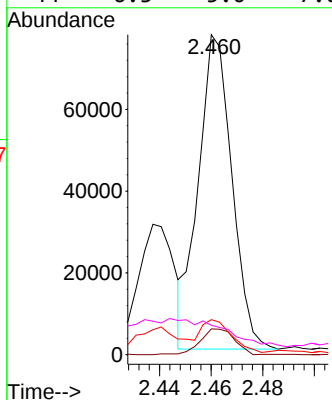
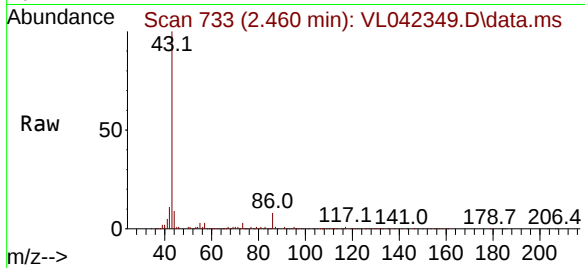




#23
 Vinyl Acetate
 Concen: 8.378 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

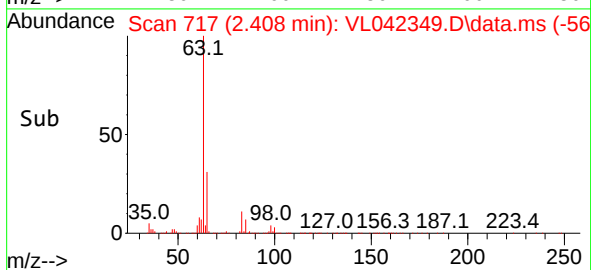
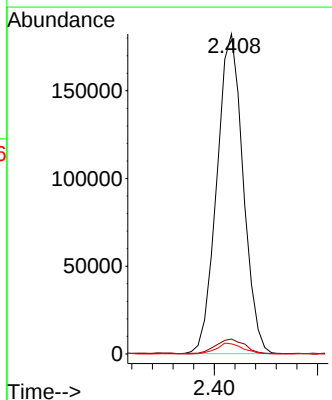
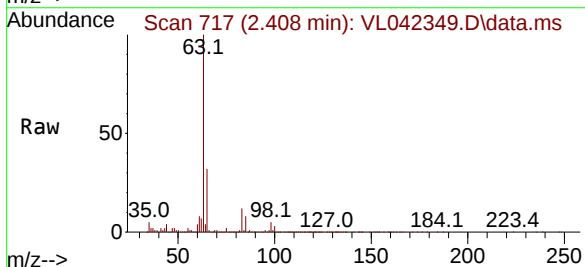
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

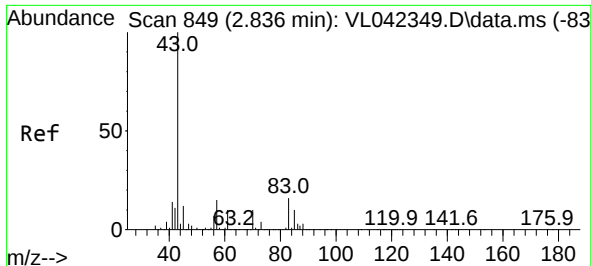
Tgt Ion:	43	Resp:	69649
Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.5	9.7
42	9.8	7.8	11.8
44	6.3	5.0	7.6



#24
 1,1-Dichloroethane
 Concen: 9.251 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion:	63	Resp:	161102
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	3.2	1.6	4.8



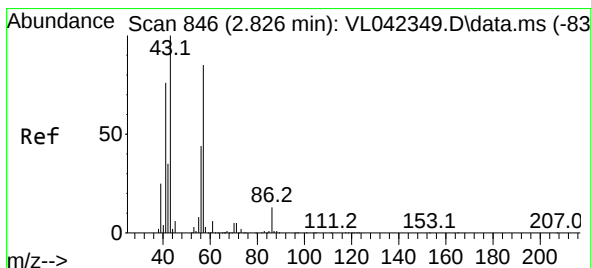
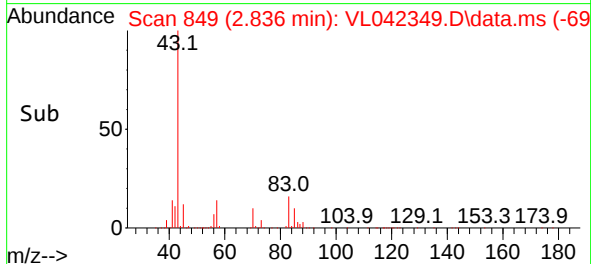
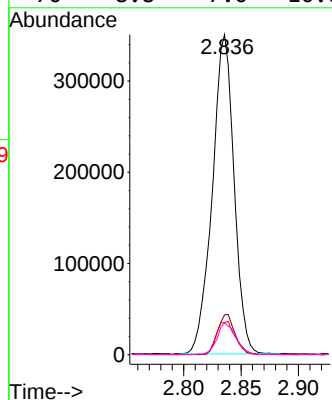
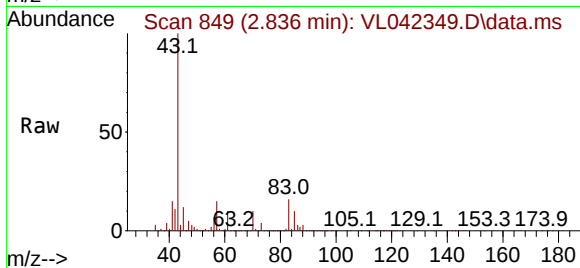


#25
Ethyl Acetate
Concen: 9.110 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 461315

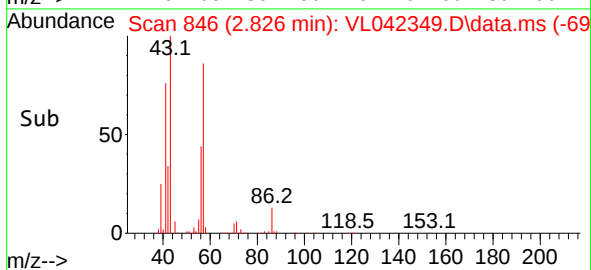
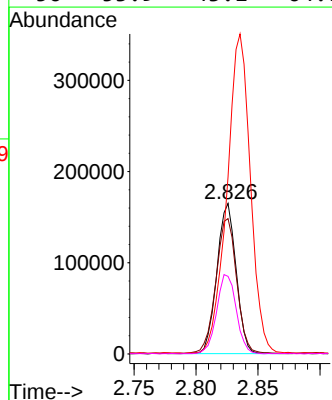
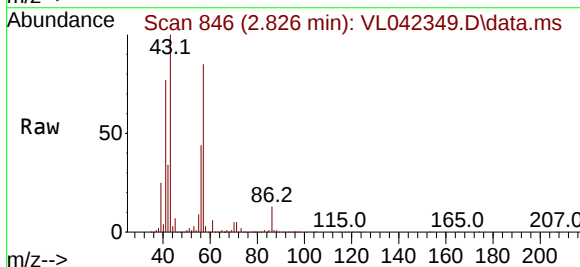
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	9.1	7.3	10.9
70	8.8	7.0	10.6

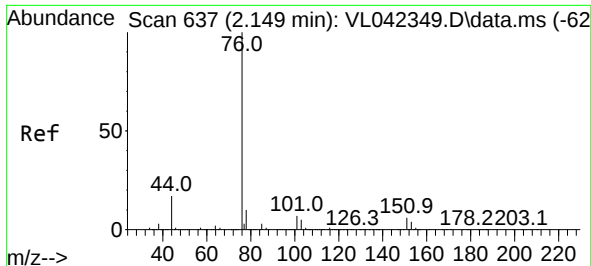


#26
Hexane
Concen: 8.720 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 57 Resp: 178691

Ion	Ratio	Lower	Upper
57	100		
41	97.4	77.9	116.9
43	260.5	208.4	312.6
56	53.9	43.1	64.7





#27

Carbon Disulfide

Concen: 9.539 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

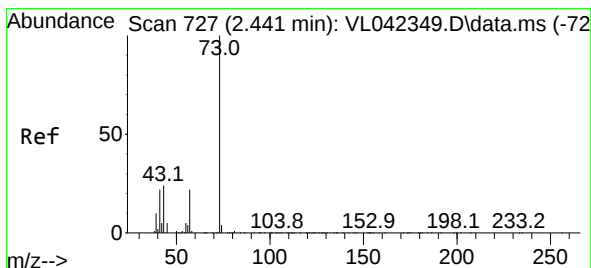
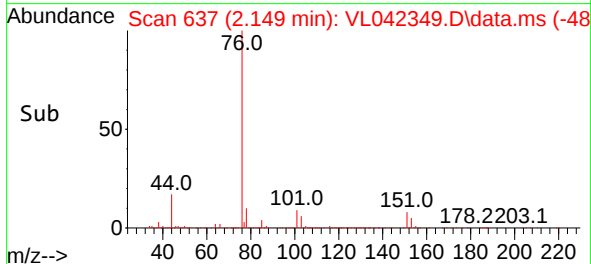
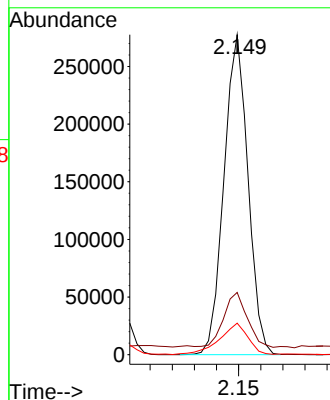
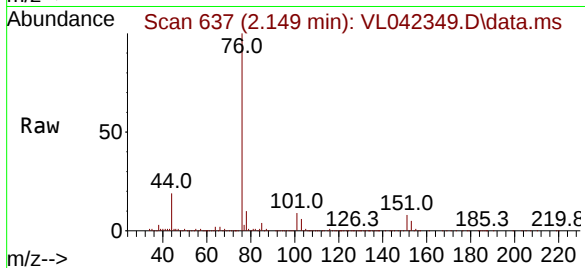
Tgt Ion: 76 Resp: 209297

Ion Ratio Lower Upper

76 100

44 19.4 15.5 23.3

78 11.6 9.3 13.9



#28

Methyl tert-Butyl Ether

Concen: 8.783 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.000 min

Lab File: VL042349.D

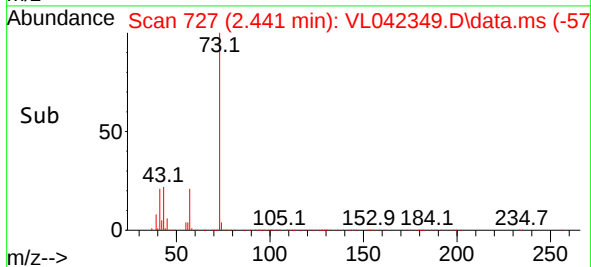
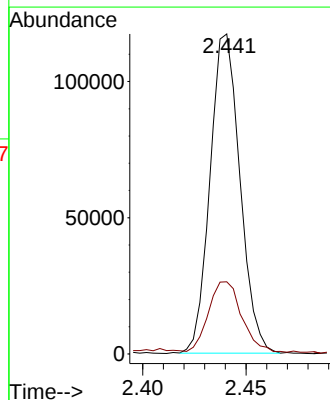
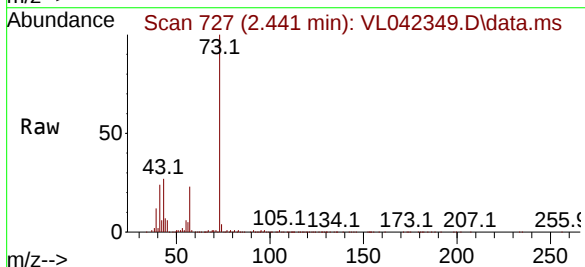
Acq: 17 Apr 2025 09:44

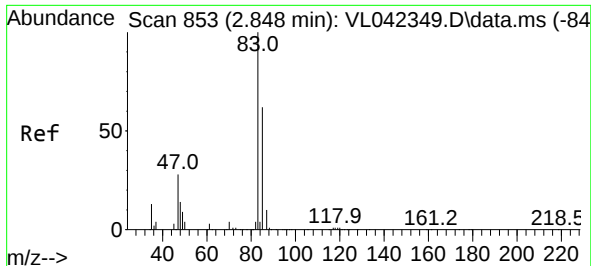
Tgt Ion: 73 Resp: 117924

Ion Ratio Lower Upper

73 100

57 26.6 21.3 31.9





#29

Chloroform

Concen: 9.290 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

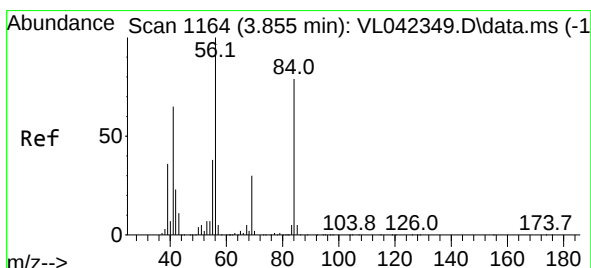
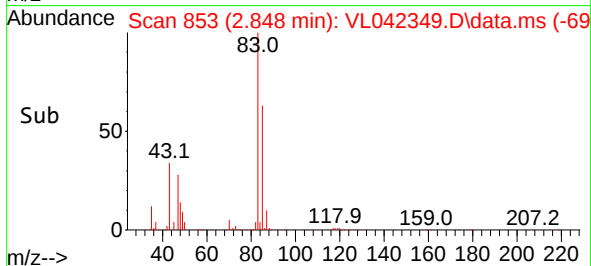
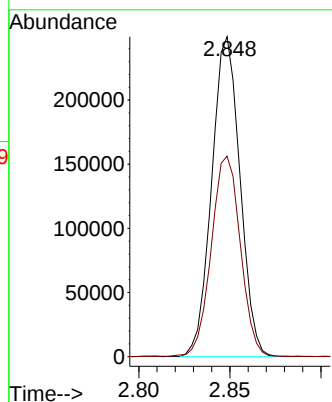
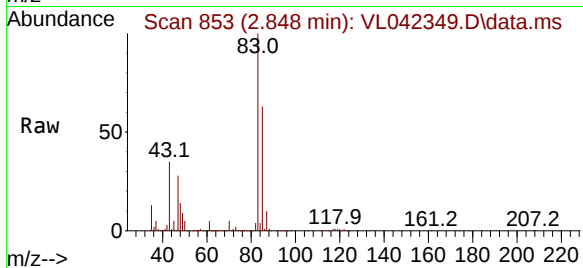
VSTDICCC010

Tgt Ion: 83 Resp: 269088

Ion Ratio Lower Upper

83 100

85 62.5 50.0 75.0



#30

Cyclohexane

Concen: 9.517 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

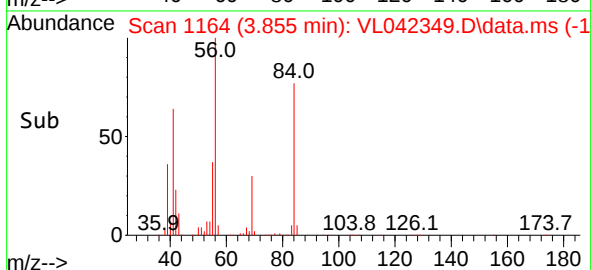
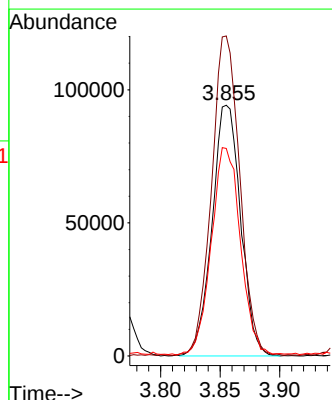
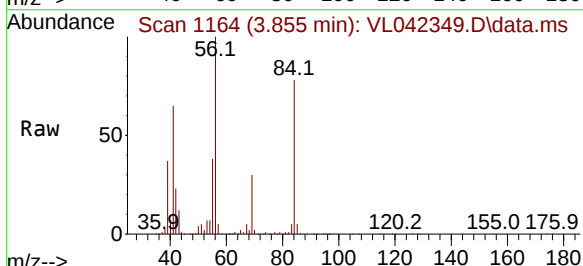
Tgt Ion: 84 Resp: 157035

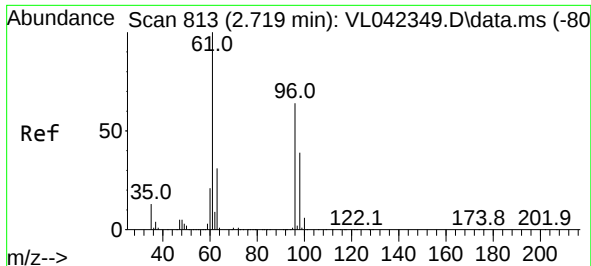
Ion Ratio Lower Upper

84 100

56 126.2 101.0 151.4

41 84.2 67.4 101.0

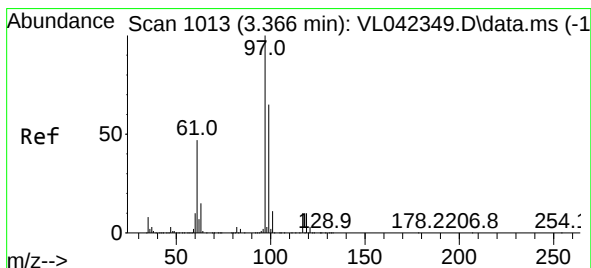
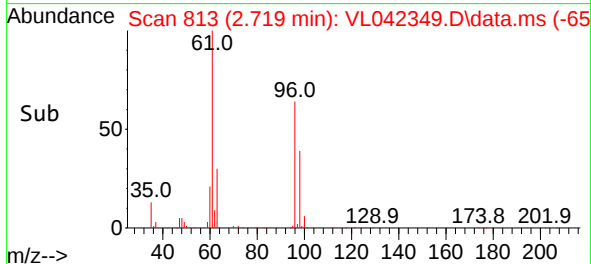
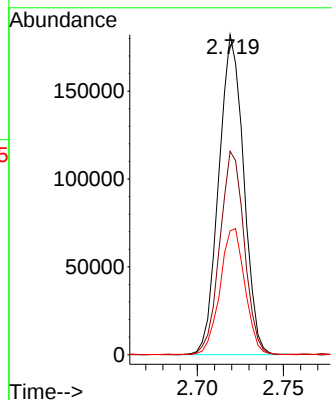
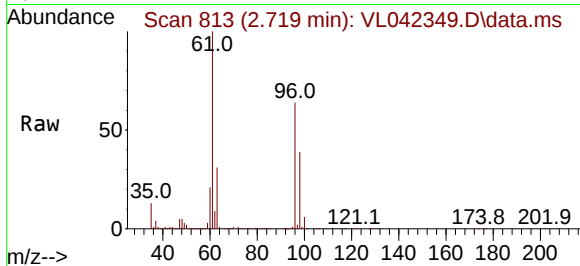




#31
 cis-1,2-Dichloroethene
 Concen: 9.397 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

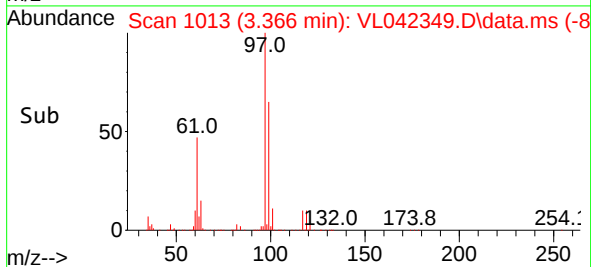
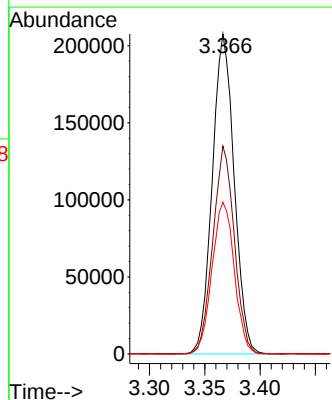
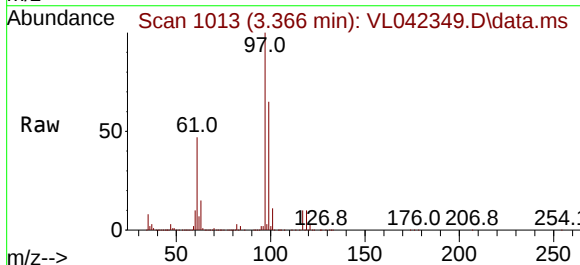
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

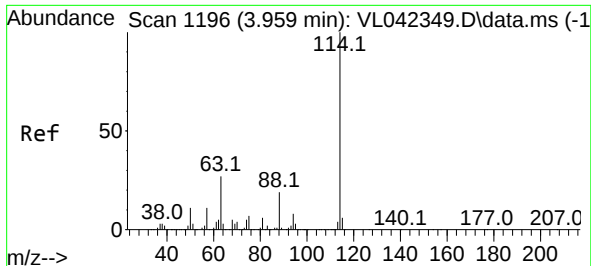
Tgt Ion: 61 Resp: 183082
 Ion Ratio Lower Upper
 61 100
 96 63.5 50.8 76.2
 98 38.6 30.9 46.3



#32
 1,1,1-Trichloroethane
 Concen: 9.187 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion: 97 Resp: 285336
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 48.5 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

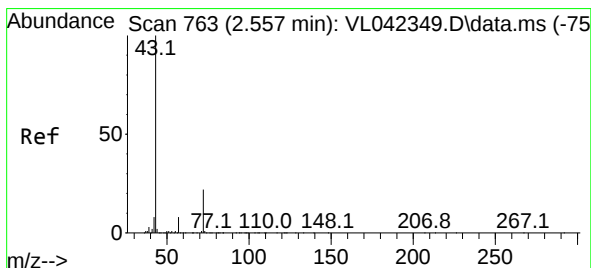
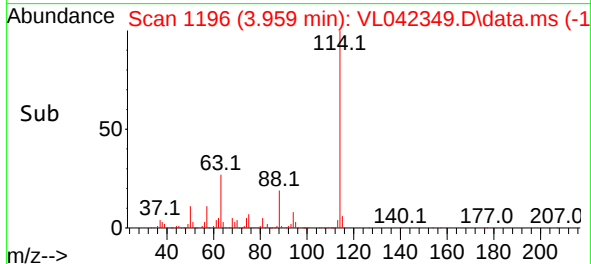
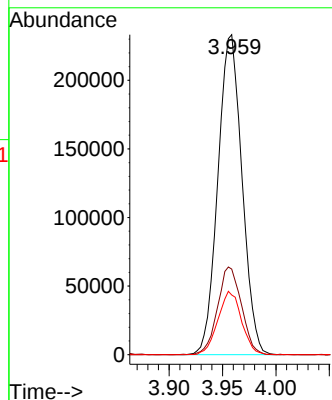
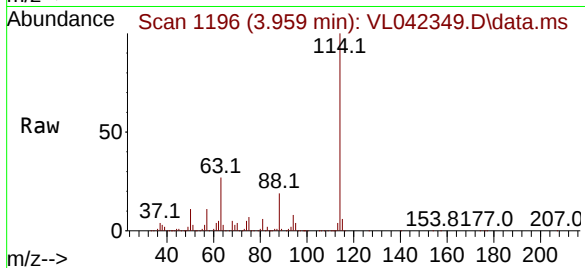
Tgt Ion:114 Resp: 366544

Ion Ratio Lower Upper

114 100

63 27.2 21.8 32.6

88 19.4 15.5 23.3



#34

2-Butanone

Concen: 8.683 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.000 min

Lab File: VL042349.D

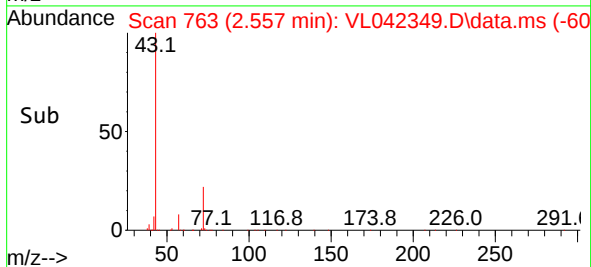
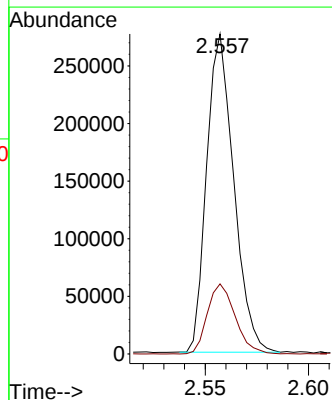
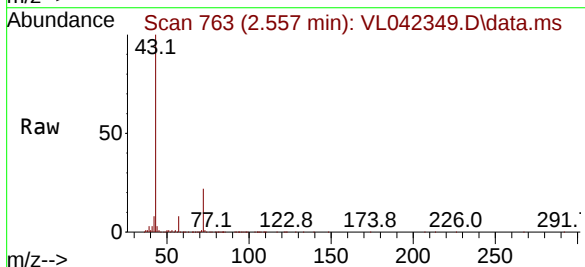
Acq: 17 Apr 2025 09:44

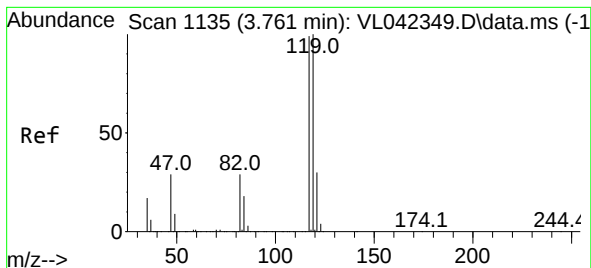
Tgt Ion: 43 Resp: 251704

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.2





#35

Carbon Tetrachloride

Concen: 8.513 ppbv

RT: 3.761 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

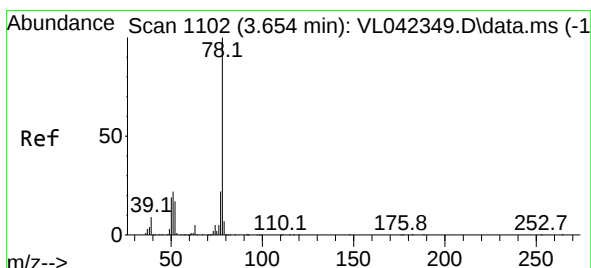
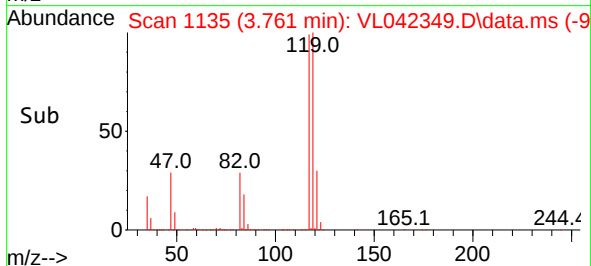
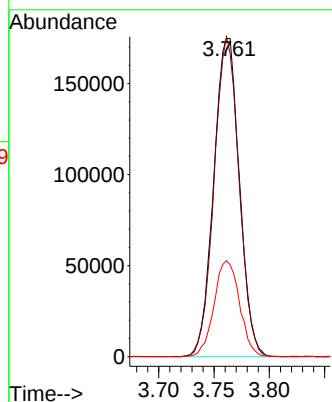
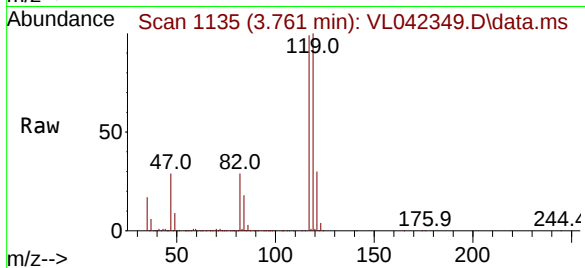
Tgt Ion:117 Resp: 282402

Ion Ratio Lower Upper

117 100

119 100.6 80.5 120.7

121 30.2 24.2 36.2



#36

Benzene

Concen: 9.292 ppbv

RT: 3.654 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

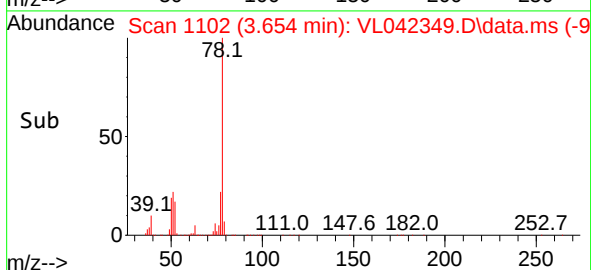
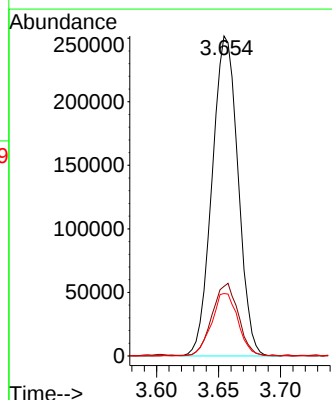
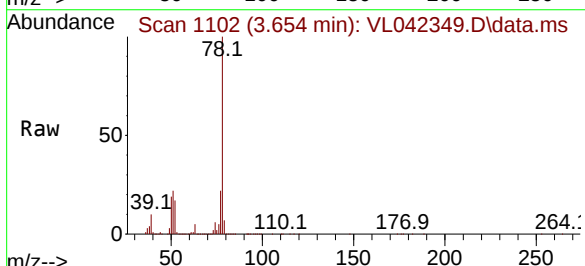
Tgt Ion: 78 Resp: 367355

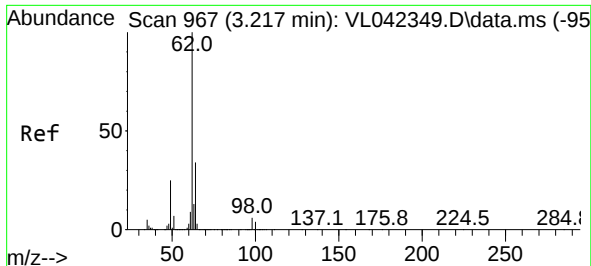
Ion Ratio Lower Upper

78 100

77 21.7 17.4 26.0

50 19.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.145 ppbv

RT: 3.217 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_1

ClientSampleId :

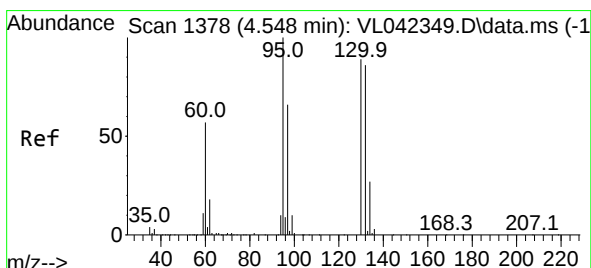
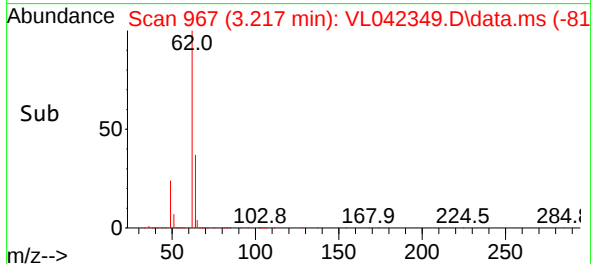
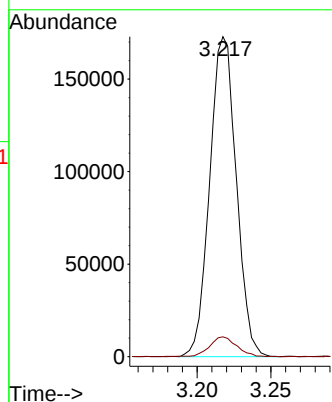
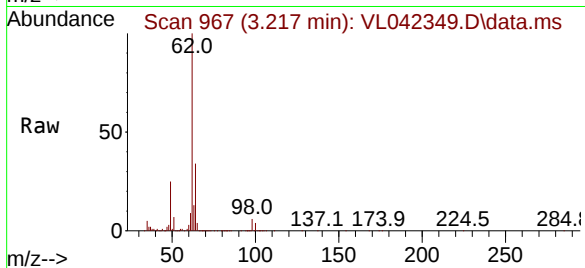
VSTDICCC010

Tgt Ion: 62 Resp: 216999

Ion Ratio Lower Upper

62 100

98 6.4 5.1 7.7



#38

Trichloroethene

Concen: 8.352 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Tgt Ion:130 Resp: 144767

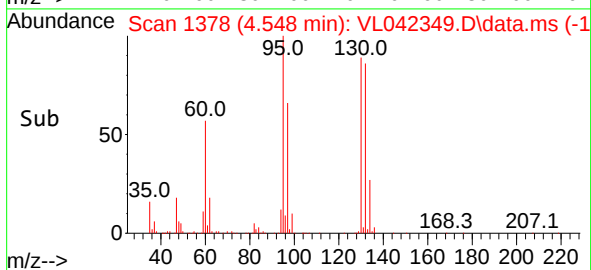
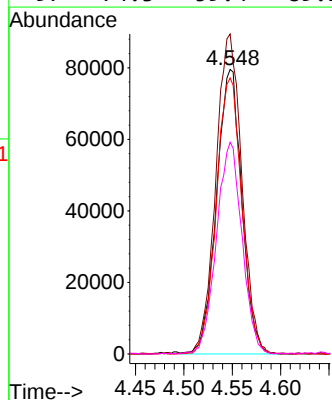
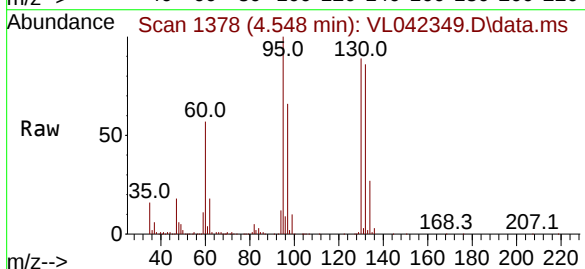
Ion Ratio Lower Upper

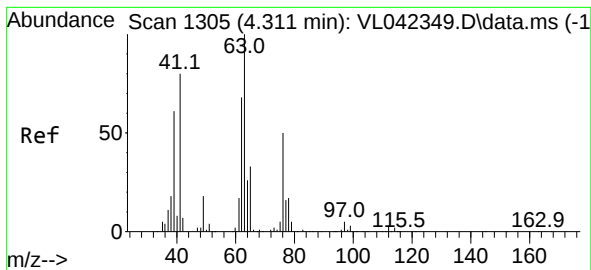
130 100

95 112.2 89.8 134.6

132 97.1 77.7 116.5

97 74.3 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.197 ppbv

RT: 4.311 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

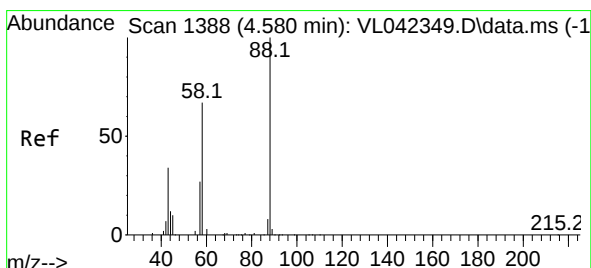
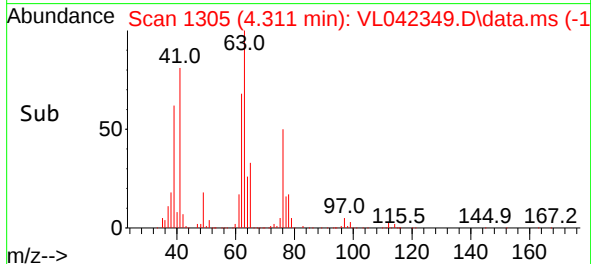
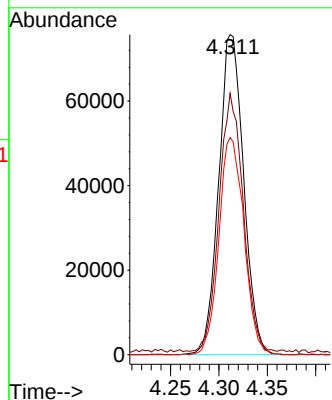
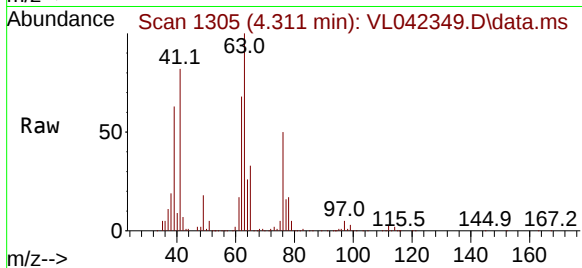
Tgt Ion: 63 Resp: 135605

Ion Ratio Lower Upper

63 100

41 80.2 64.2 96.2

62 67.9 54.3 81.5



#40

1,4-Dioxane

Concen: 8.348 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Tgt Ion: 88 Resp: 66662

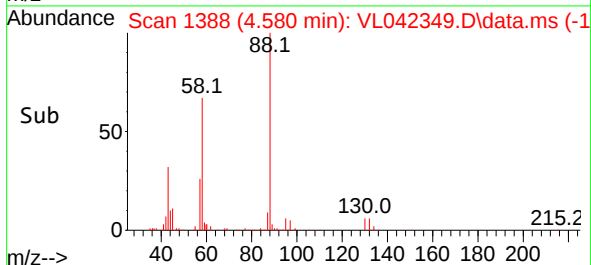
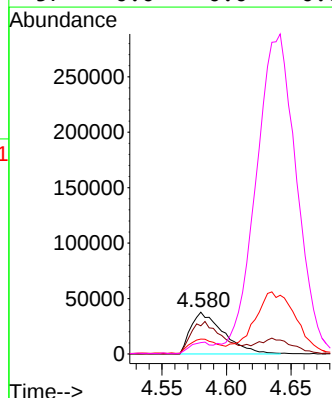
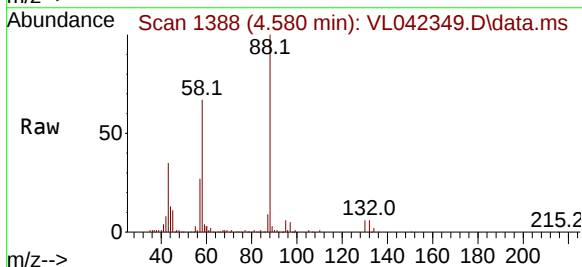
Ion Ratio Lower Upper

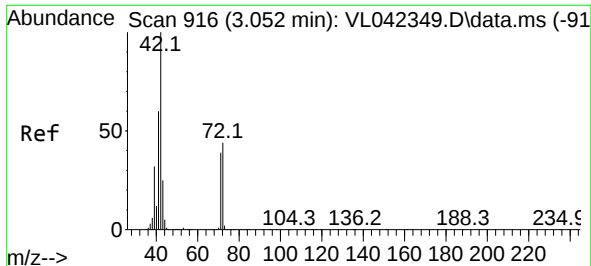
88 100

58 76.7 61.4 92.0

43 29.0 23.2 34.8

57 0.0 0.0 0.0

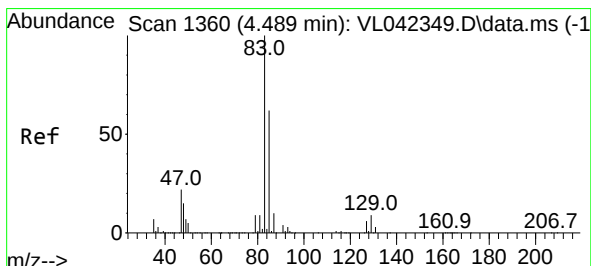
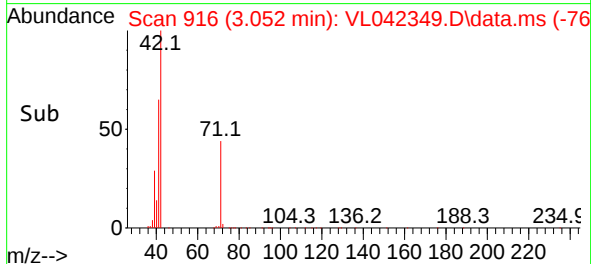
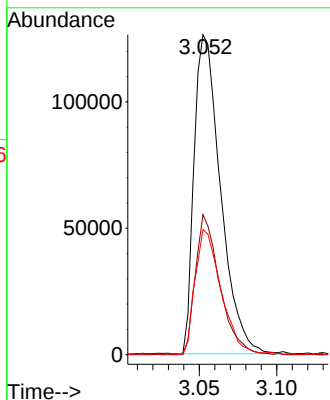
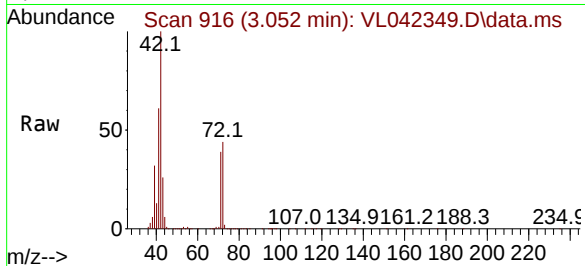




#41
Tetrahydrofuran
Concen: 8.950 ppbv
RT: 3.052 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

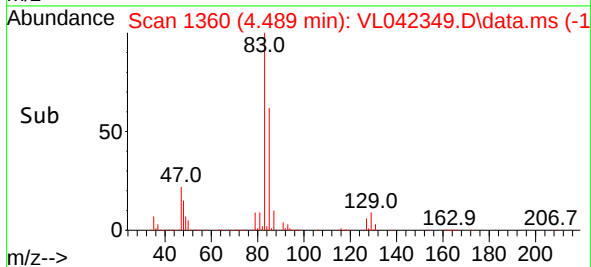
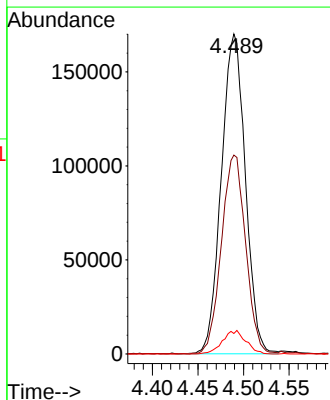
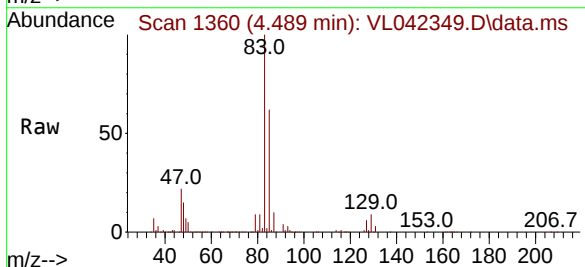
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

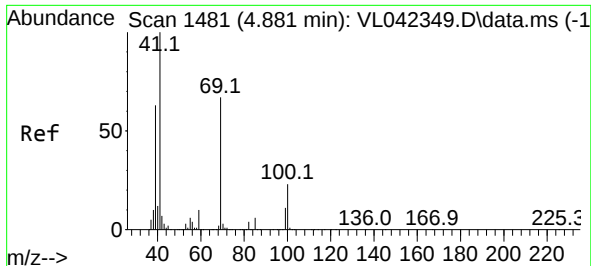
Tgt Ion: 42 Resp: 149905
Ion Ratio Lower Upper
42 100
72 40.4 32.3 48.5
71 39.3 31.4 47.2



#42
Bromodichloromethane
Concen: 9.456 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 83 Resp: 312268
Ion Ratio Lower Upper
83 100
85 62.1 49.7 74.5
127 6.4 5.1 7.7

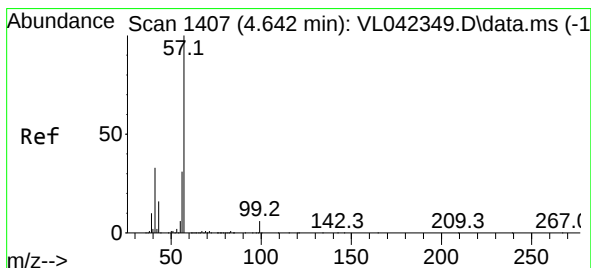
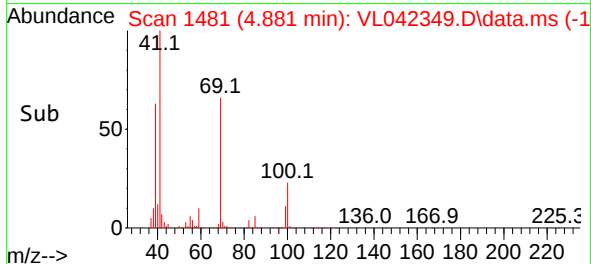
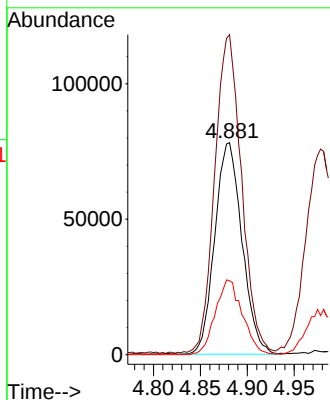
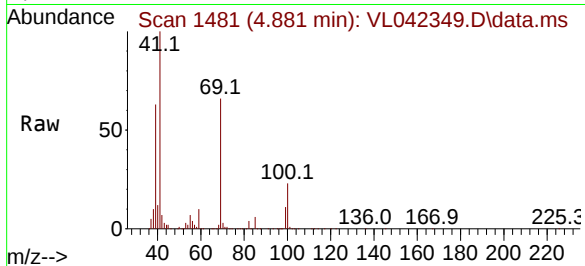




#43
Methyl Methacrylate
Concen: 8.876 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

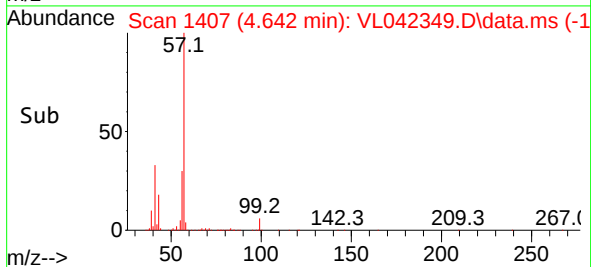
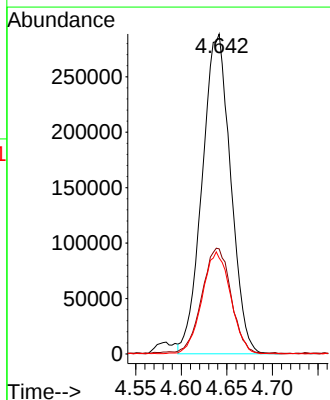
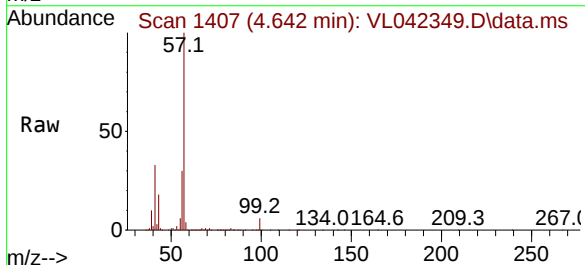
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

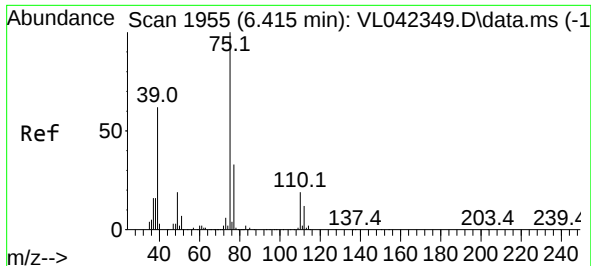
Tgt Ion: 69 Resp: 157501
Ion Ratio Lower Upper
69 100
41 148.2 118.6 177.8
100 35.2 28.2 42.2



#44
2,2,4-Trimethylpentane
Concen: 9.157 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 57 Resp: 626085
Ion Ratio Lower Upper
57 100
41 34.0 27.2 40.8
56 32.1 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 9.233 ppbv

RT: 6.415 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

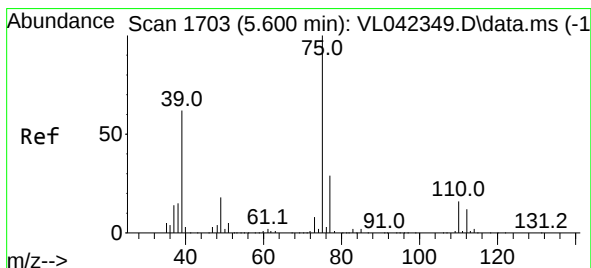
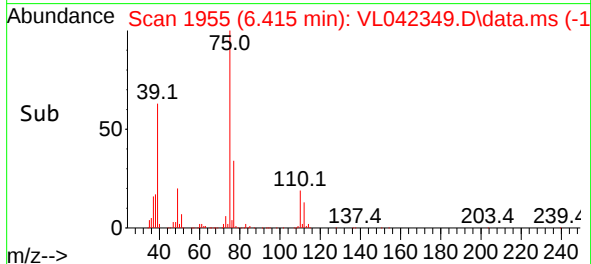
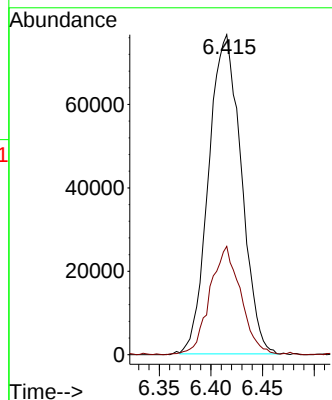
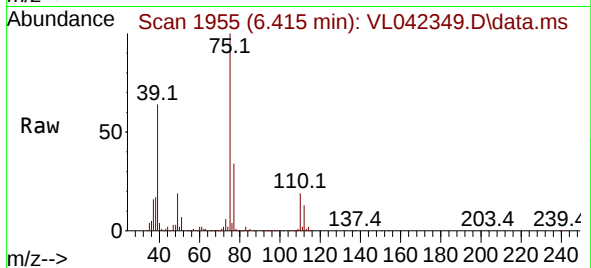
VSTDICCC010

Tgt Ion: 75 Resp: 168223

Ion Ratio Lower Upper

75 100

77 33.8 27.0 40.6



#46

cis-1,3-Dichloropropene

Concen: 9.377 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

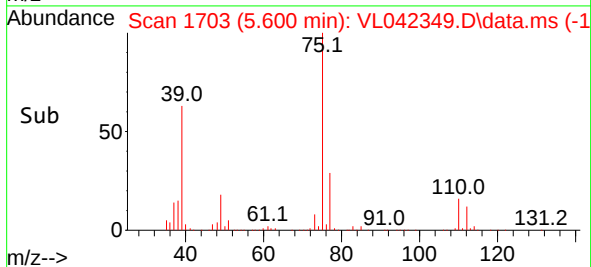
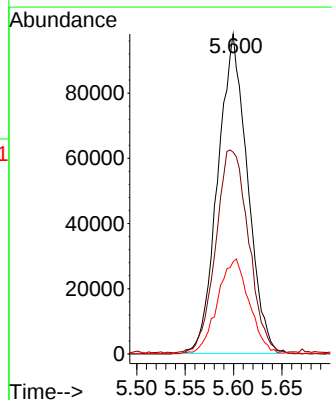
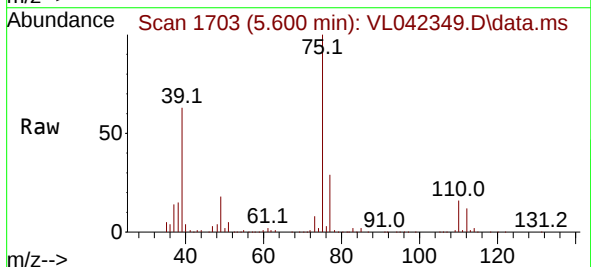
Tgt Ion: 75 Resp: 208811

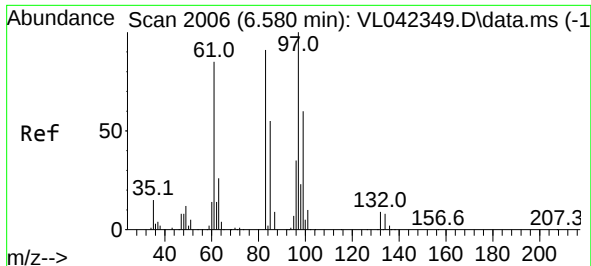
Ion Ratio Lower Upper

75 100

39 62.5 50.0 75.0

77 28.8 23.0 34.6

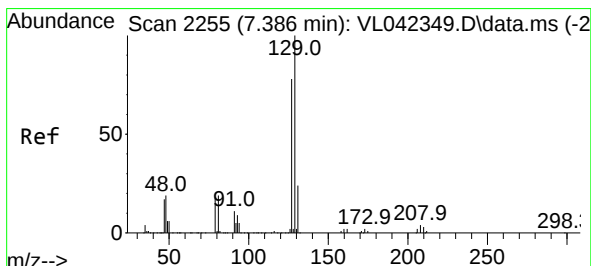
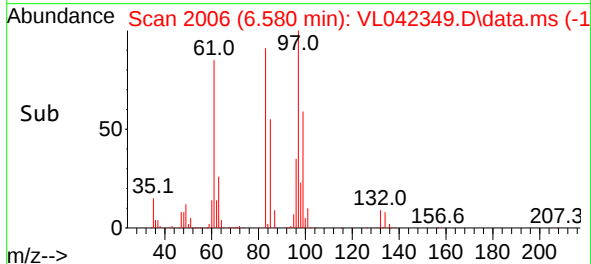
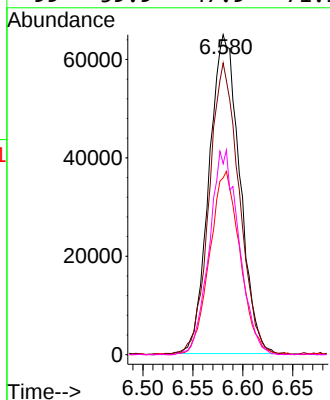
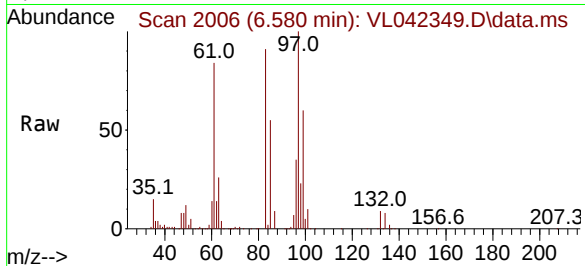




#47
 1,1,2-Trichloroethane
 Concen: 9.181 ppbv
 RT: 6.580 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

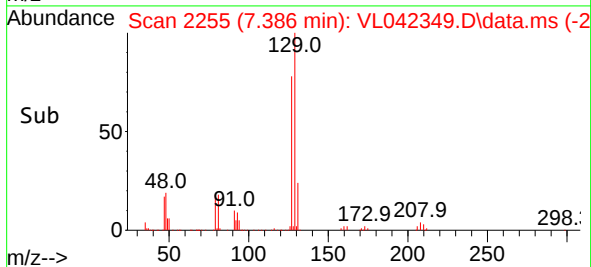
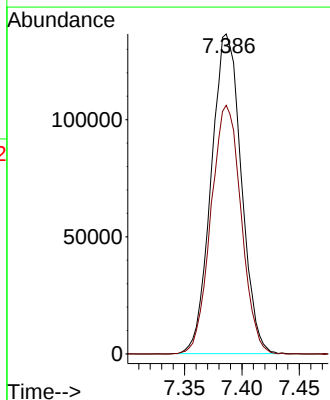
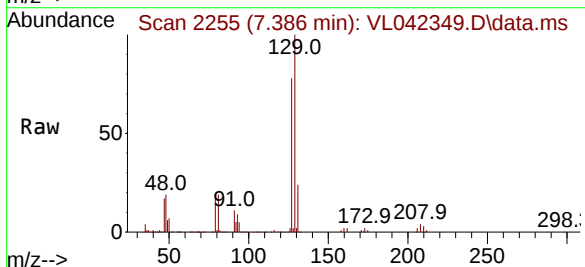
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

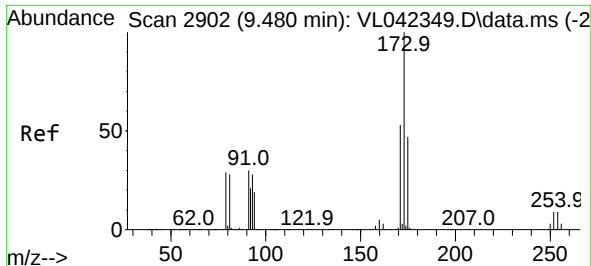
Tgt Ion:	97	Resp:	137898
Ion	Ratio	Lower	Upper
97	100		
83	91.0	72.8	109.2
85	55.3	44.2	66.4
99	59.9	47.9	71.9



#48
 Dibromochloromethane
 Concen: 9.388 ppbv
 RT: 7.386 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion:	129	Resp:	248954
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.3





#49

Bromoform

Concen: 9.734 ppbv

RT: 9.480 min Scan# 2902

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

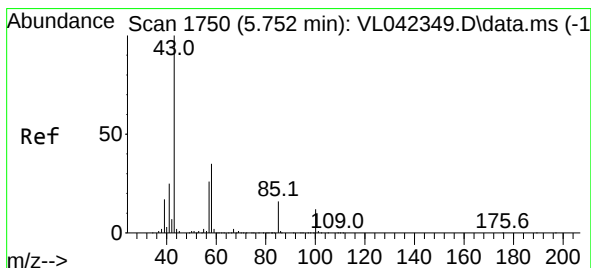
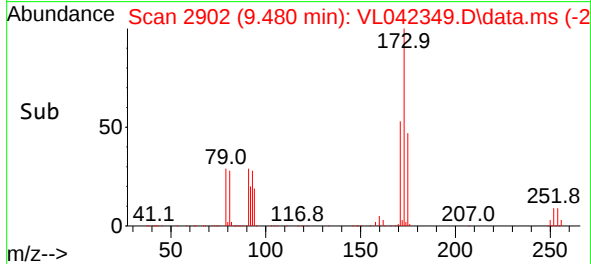
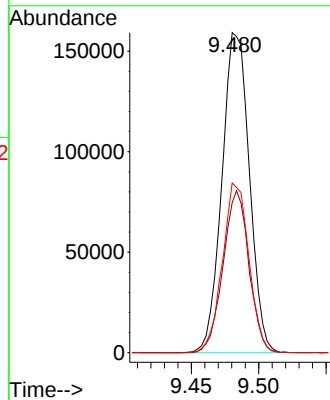
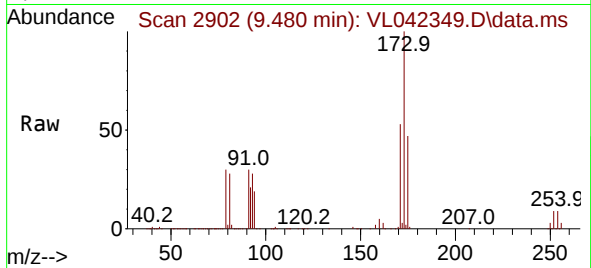
Tgt Ion:173 Resp: 225706

Ion Ratio Lower Upper

173 100

175 47.7 38.2 57.2

171 51.1 40.9 61.3



#50

4-Methyl-2-Pentanone

Concen: 8.215 ppbv

RT: 5.752 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VL042349.D

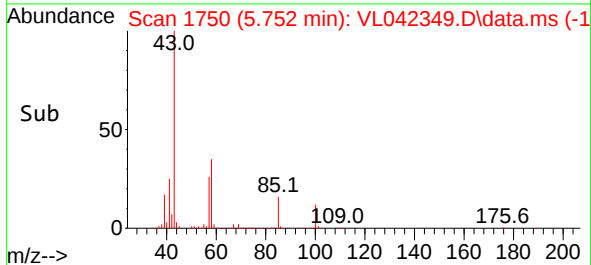
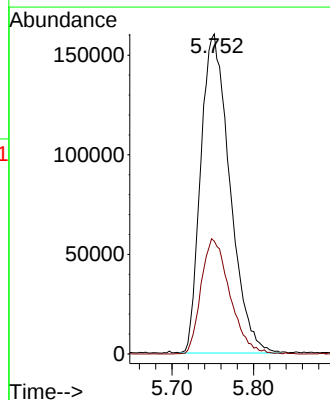
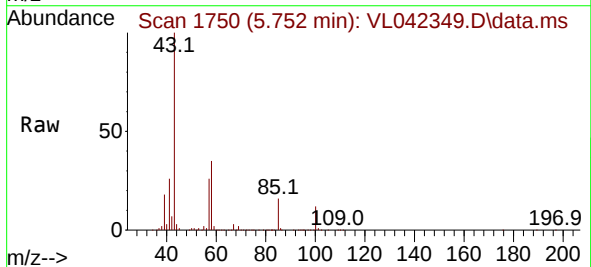
Acq: 17 Apr 2025 09:44

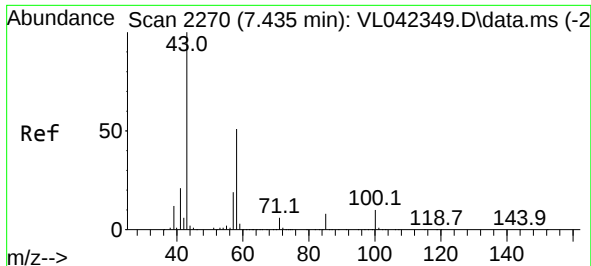
Tgt Ion: 43 Resp: 396548

Ion Ratio Lower Upper

43 100

58 35.8 28.6 43.0

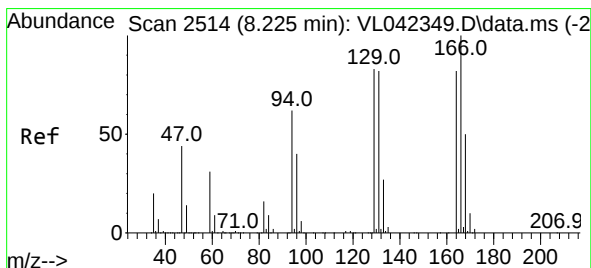
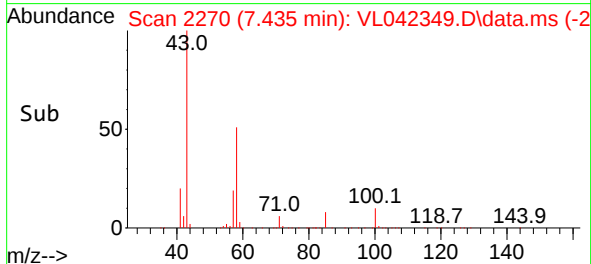
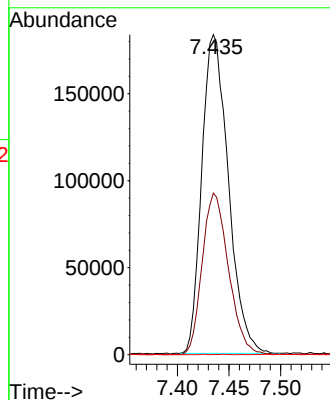
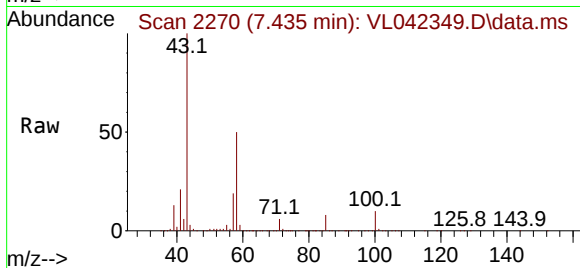




#51
2-Hexanone
Concen: 7.511 ppbv
RT: 7.435 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

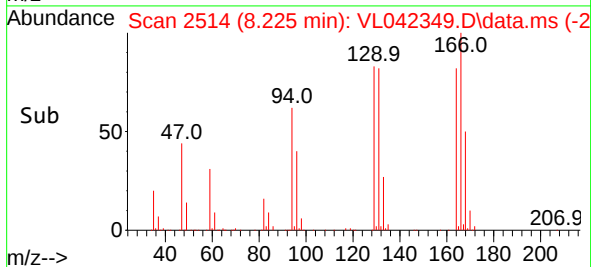
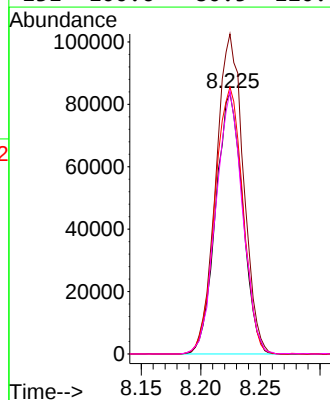
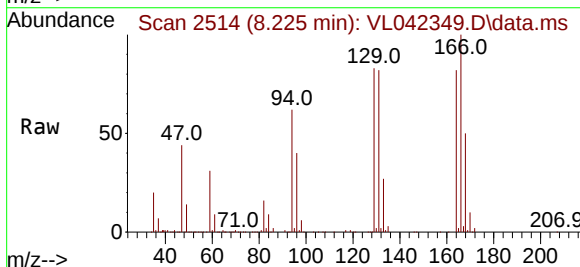
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

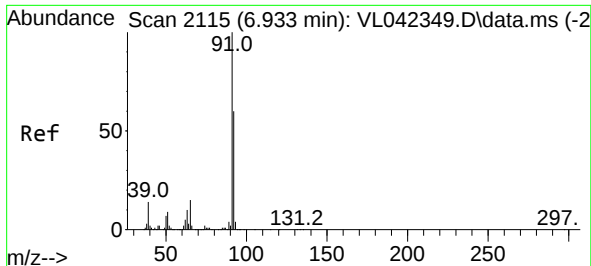
Tgt Ion: 43 Resp: 327165
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 8.553 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 164 Resp: 130720
Ion Ratio Lower Upper
164 100
166 122.7 98.2 147.2
129 102.3 81.8 122.8
131 100.6 80.5 120.7

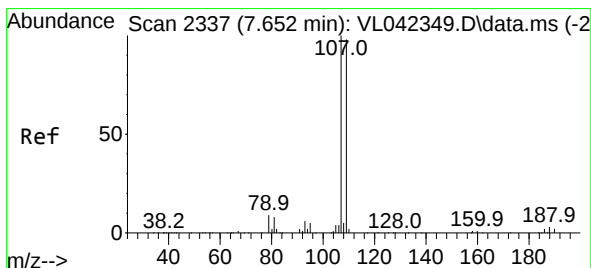
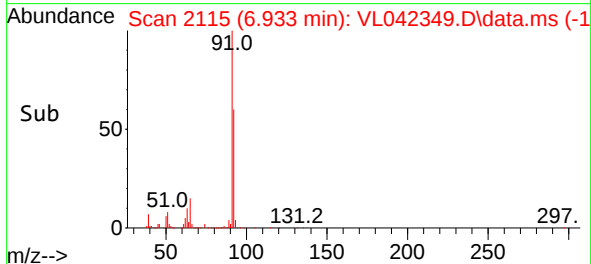
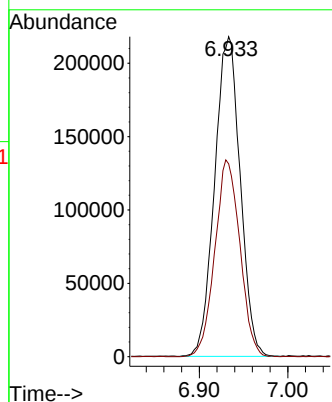
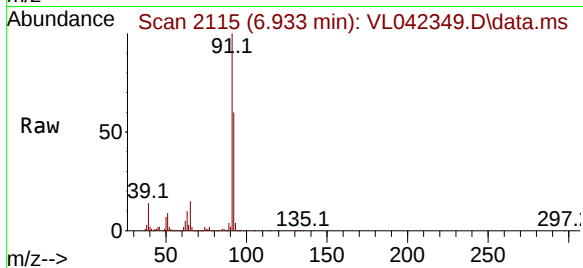




#53
Toluene
Concen: 9.216 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

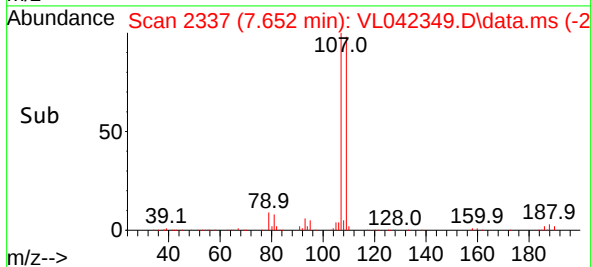
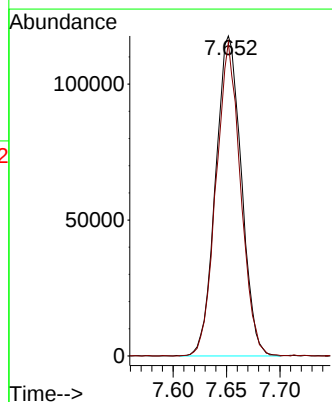
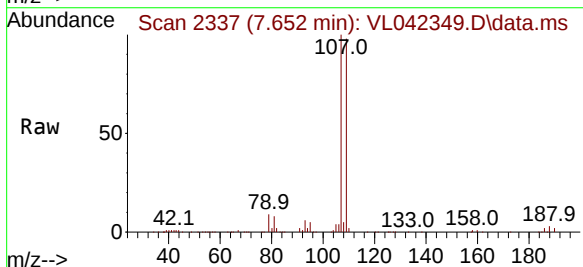
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

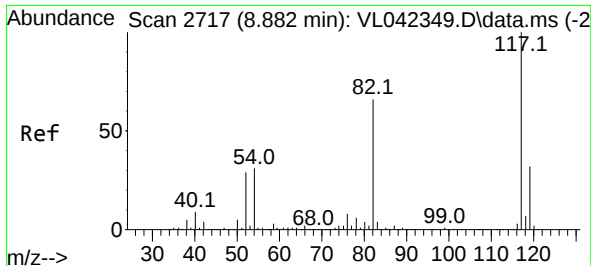
Tgt Ion: 91 Resp: 437258
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4



#54
1,2-Dibromoethane
Concen: 9.235 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 107 Resp: 197665
Ion Ratio Lower Upper
107 100
109 97.8 78.2 117.4

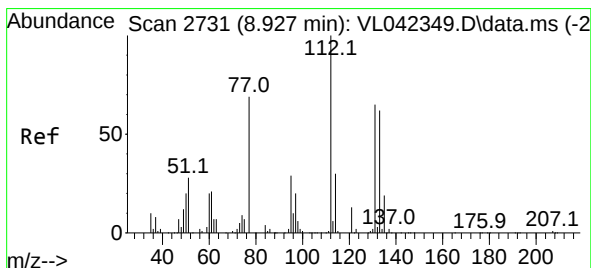
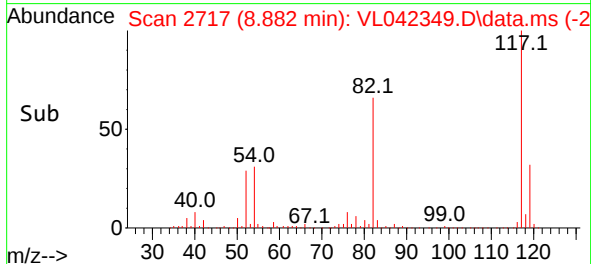
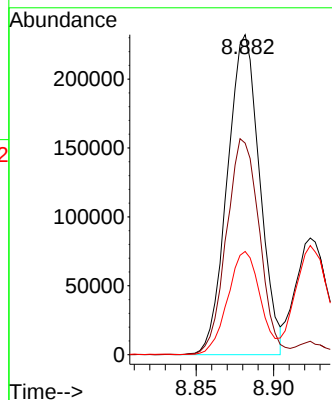
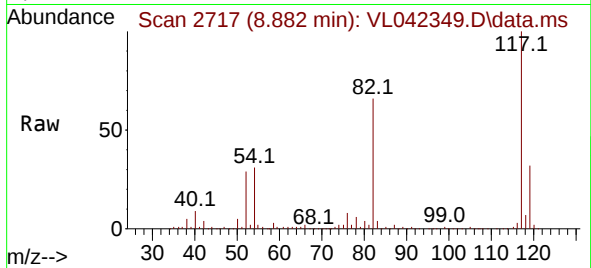




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

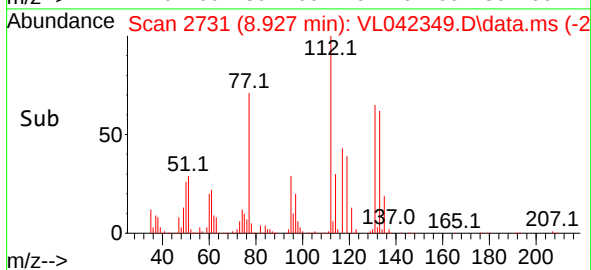
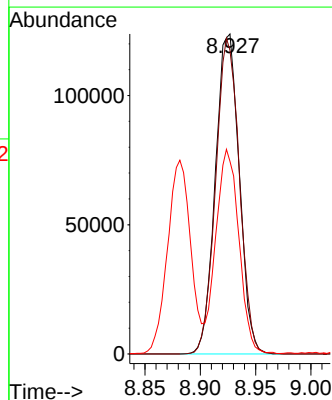
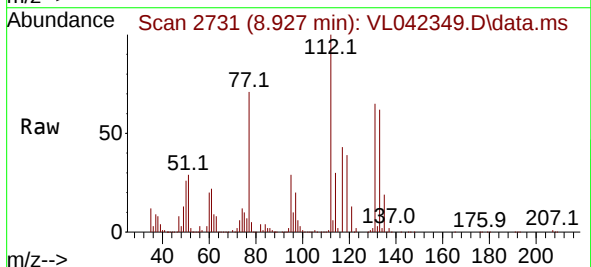
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

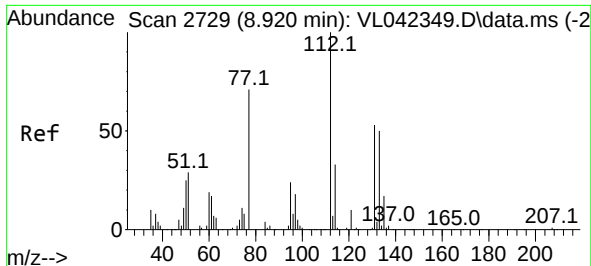
Tgt Ion:117 Resp: 338126
Ion Ratio Lower Upper
117 100
82 72.2 57.8 86.6
119 31.5 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.091 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion:131 Resp: 186041
Ion Ratio Lower Upper
131 100
133 97.9 78.3 117.5
119 60.9 48.7 73.1

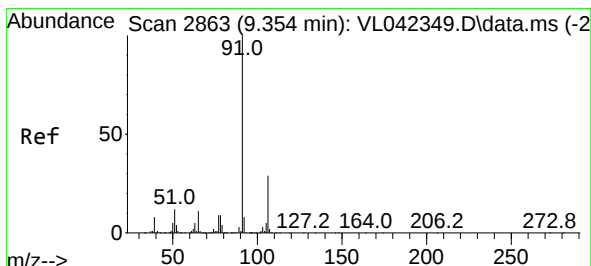
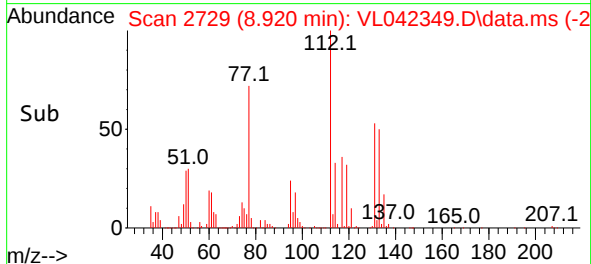
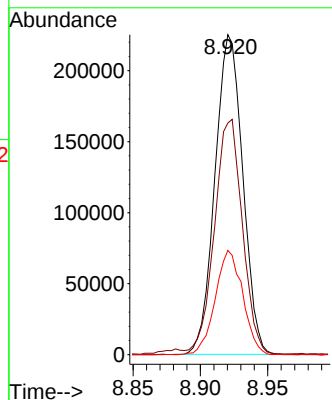
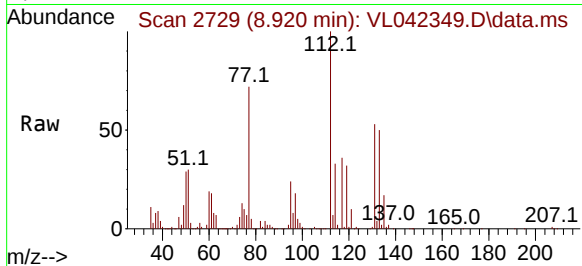




#57
Chlorobenzene
Concen: 9.187 ppbv
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

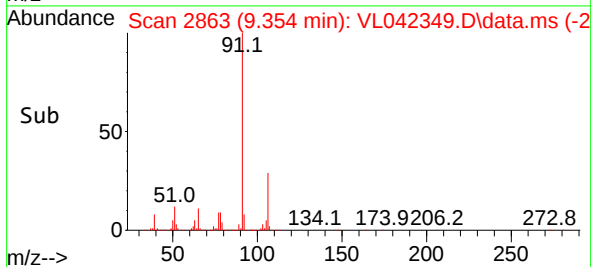
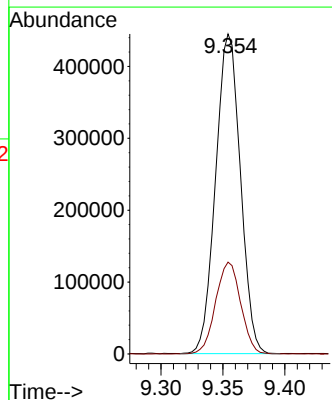
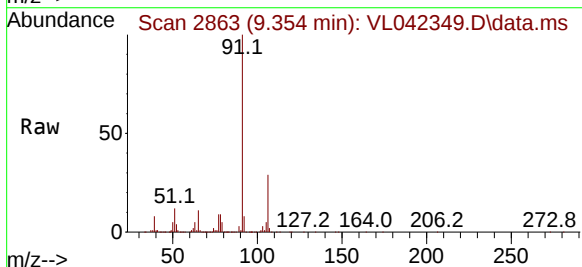
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

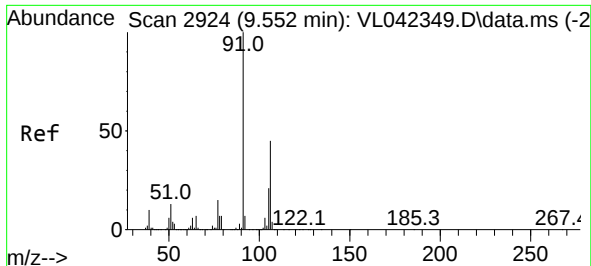
Tgt Ion:112 Resp: 323084
Ion Ratio Lower Upper
112 100
77 72.2 57.8 86.6
114 32.6 29.3 35.9



#58
Ethyl Benzene
Concen: 9.248 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 91 Resp: 619581
Ion Ratio Lower Upper
91 100
106 28.7 23.0 34.4





#59

m/p-Xylene

Concen: 8.299 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

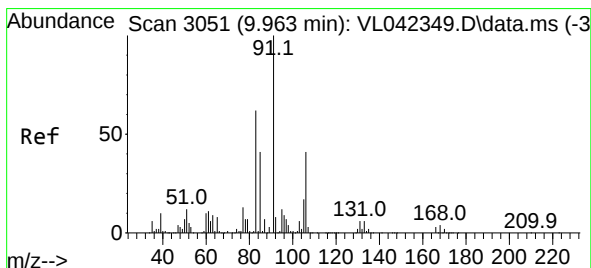
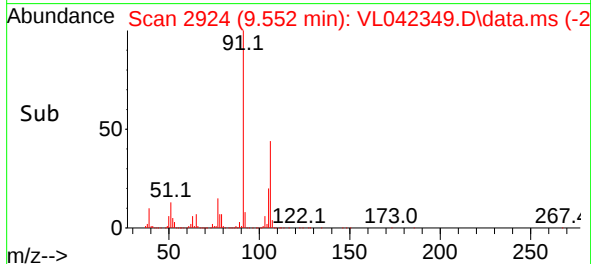
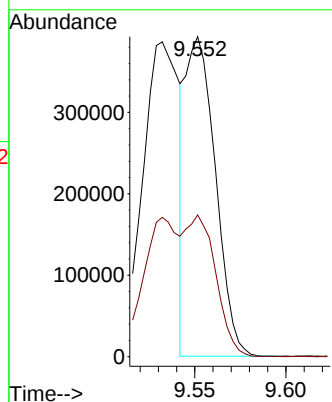
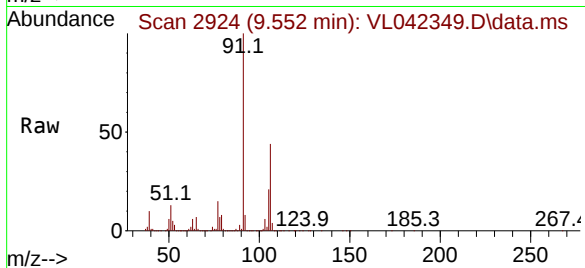
VSTDICCC010

Tgt Ion: 91 Resp: 449222

Ion Ratio Lower Upper

91 100

106 97.0 35.4 53.2#



#60

o-Xylene

Concen: 8.972 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL042349.D

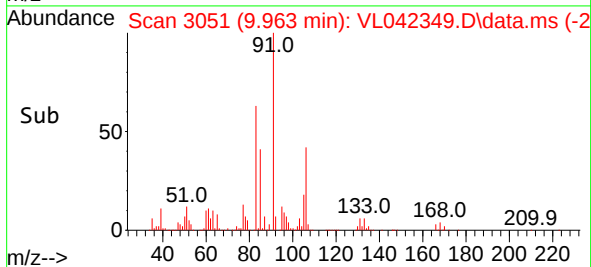
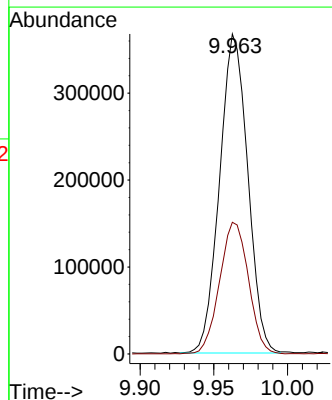
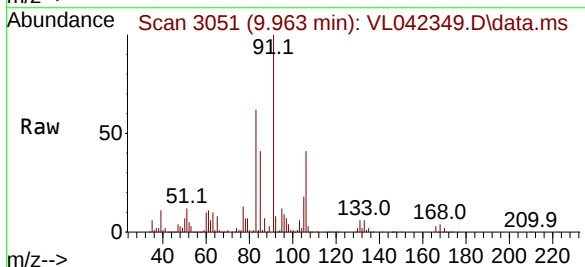
Acq: 17 Apr 2025 09:44

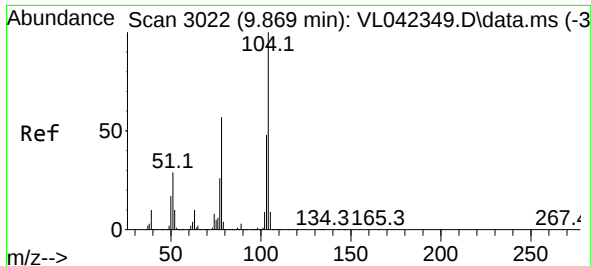
Tgt Ion: 91 Resp: 487616

Ion Ratio Lower Upper

91 100

106 42.3 21.1 63.4

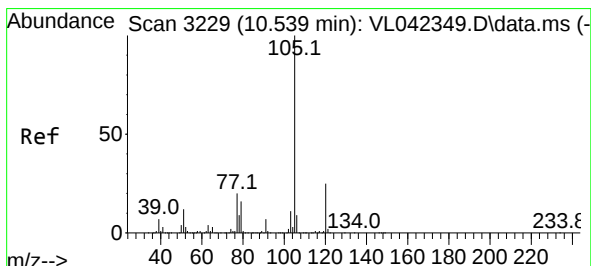
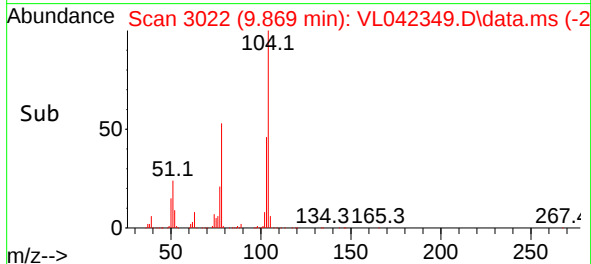
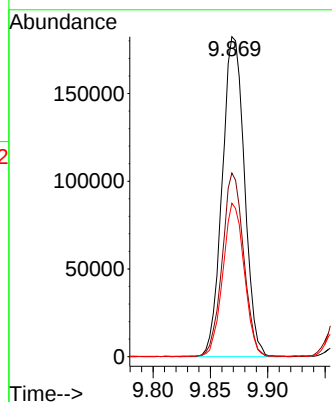
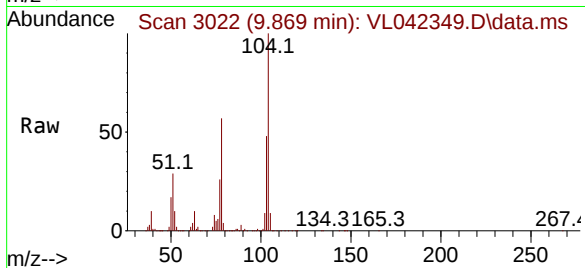




#61
Styrene
Concen: 9.464 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

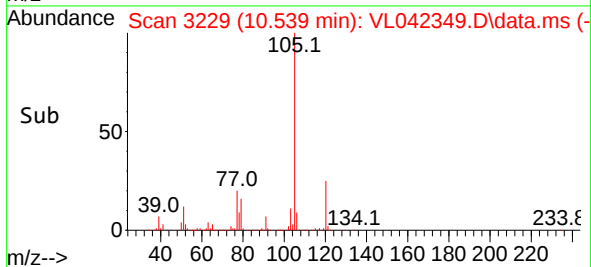
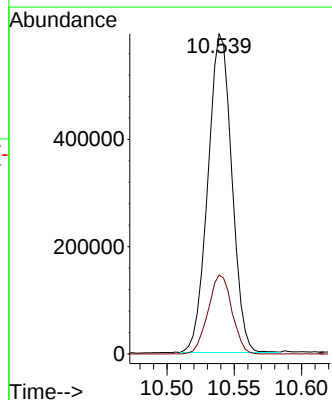
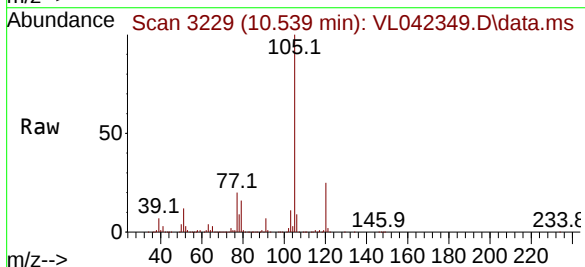
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

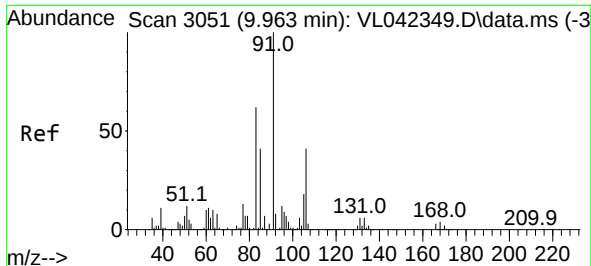
Tgt Ion:104 Resp: 245487
Ion Ratio Lower Upper
104 100
78 55.7 44.6 66.8
103 46.7 37.4 56.0



#62
Isopropylbenzene
Concen: 9.197 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion:105 Resp: 733788
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8

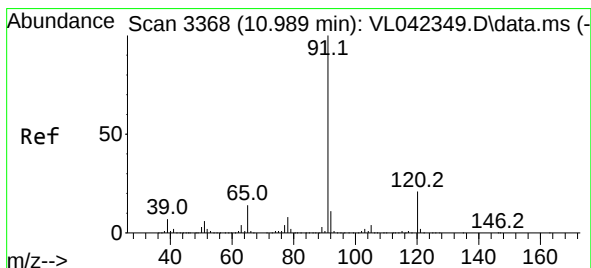
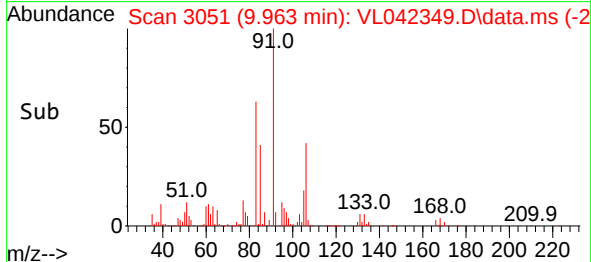
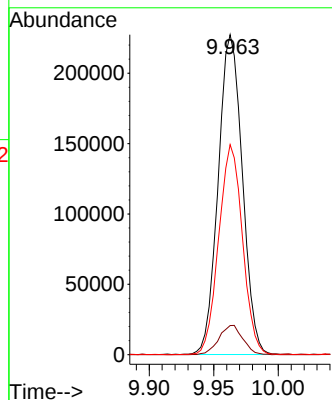
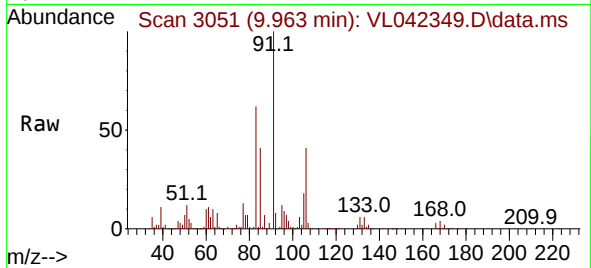




#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.355 ppbv
 RT: 9.963 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

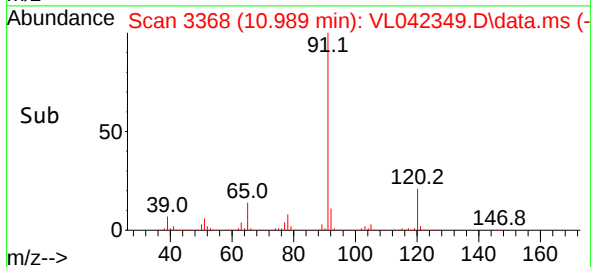
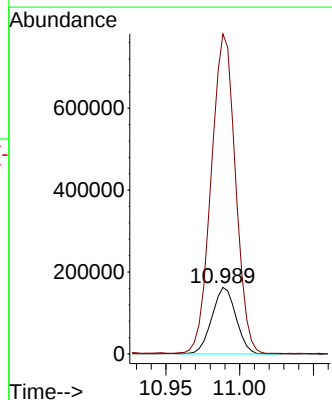
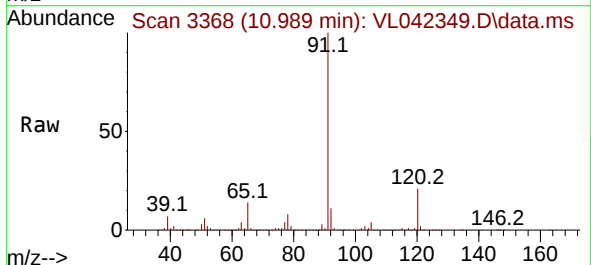
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

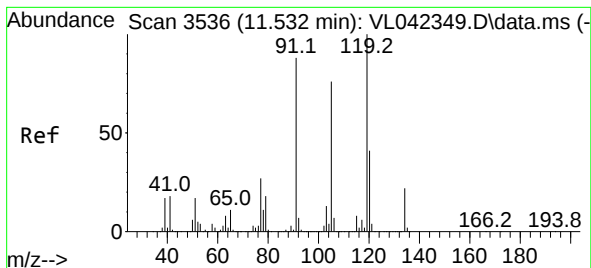
Tgt Ion: 83 Resp: 295041
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.5 13.7
 85 64.7 32.4 97.0



#64
 n-propylbenzene
 Concen: 9.144 ppbv
 RT: 10.989 min Scan# 3368
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion: 120 Resp: 183390
 Ion Ratio Lower Upper
 120 100
 91 490.5 392.4 588.6





#65

tert-Butylbenzene

Concen: 8.795 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

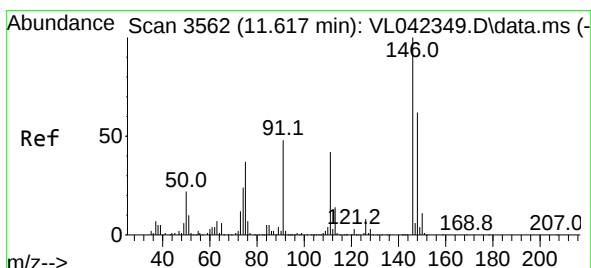
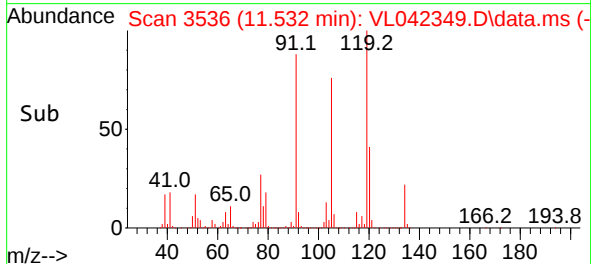
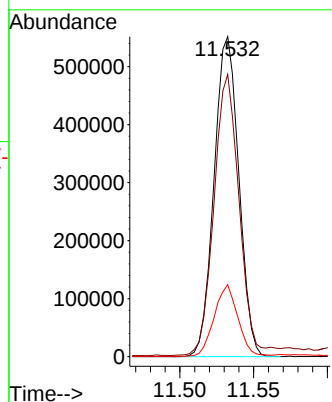
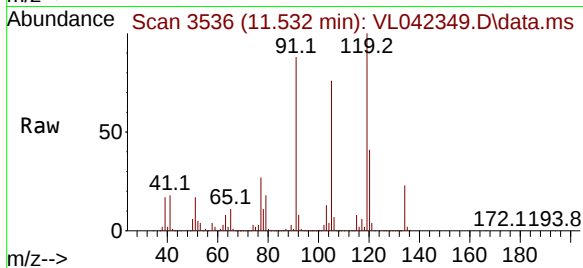
Tgt Ion:119 Resp: 644953

Ion Ratio Lower Upper

119 100

91 93.2 74.6 111.8

134 23.5 18.8 28.2



#66

Benzyl Chloride

Concen: 10.333 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

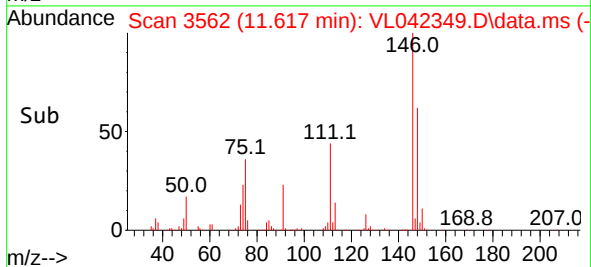
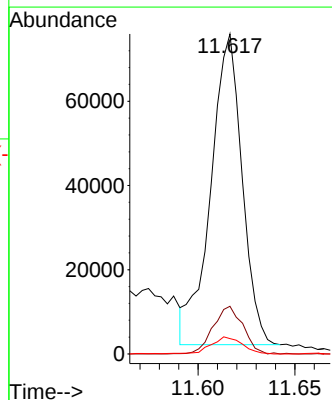
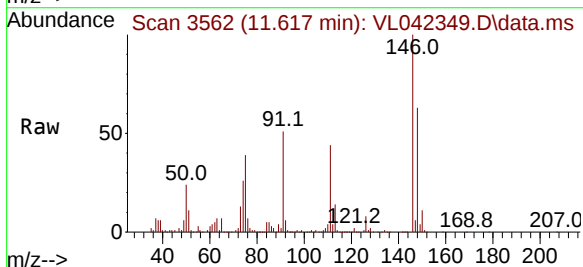
Tgt Ion: 91 Resp: 83269

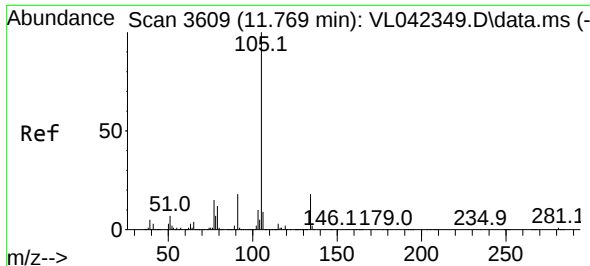
Ion Ratio Lower Upper

91 100

126 14.7 11.8 17.6

128 5.6 4.5 6.7

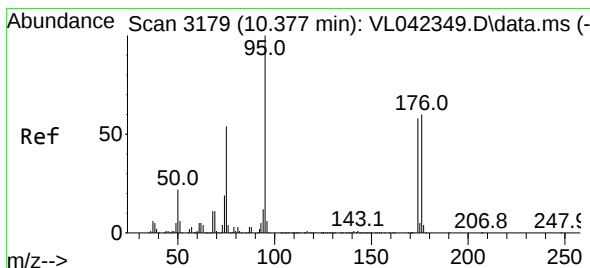
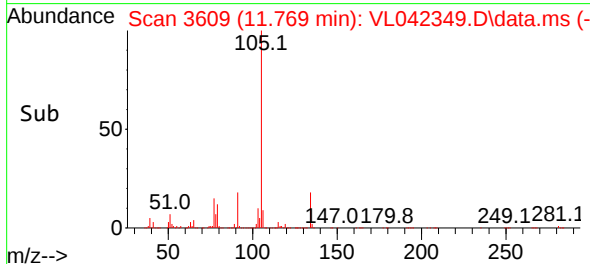
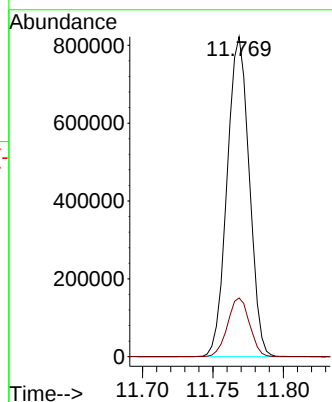
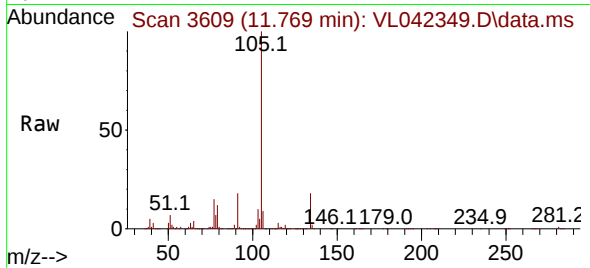




#67
 sec-Butylbenzene
 Concen: 8.824 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

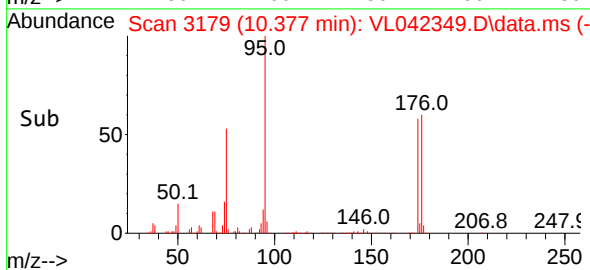
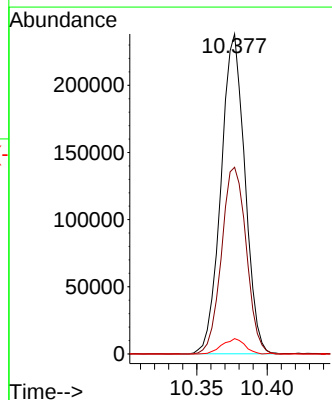
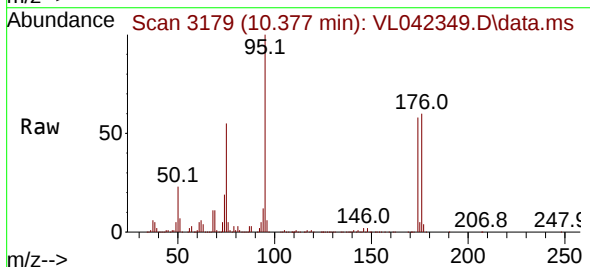
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

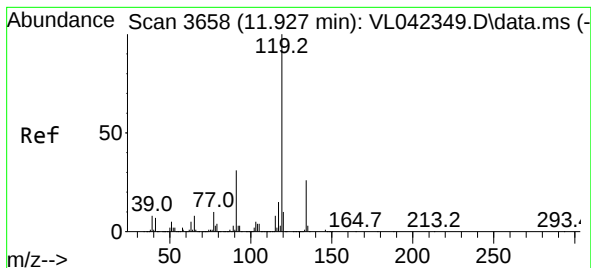
Tgt Ion:105 Resp: 900074
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.114 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042349.D
 Acq: 17 Apr 2025 09:44

Tgt Ion: 95 Resp: 281013
 Ion Ratio Lower Upper
 95 100
 174 60.6 48.5 72.7
 175 4.6 3.7 5.5

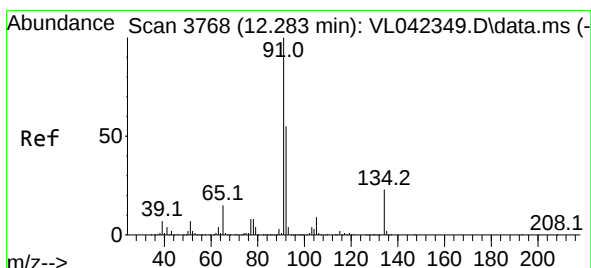
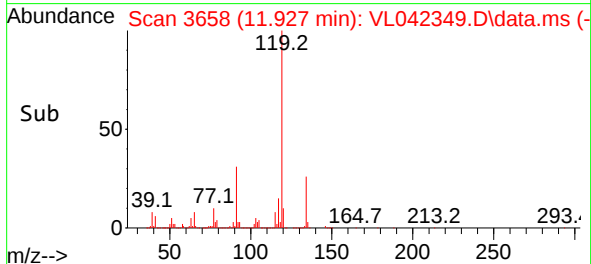
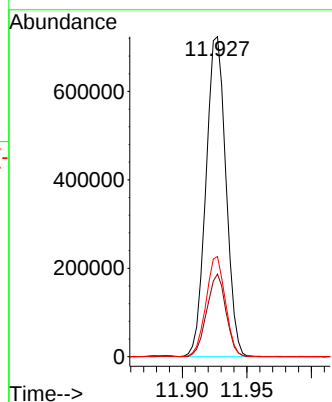
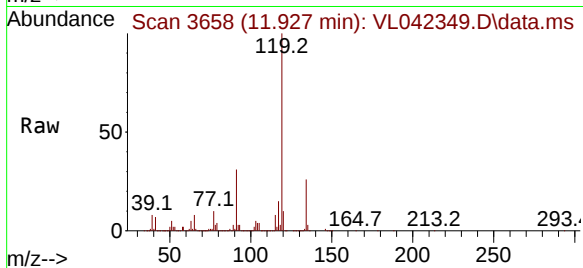




#69
p-Isopropyltoluene
Concen: 8.790 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

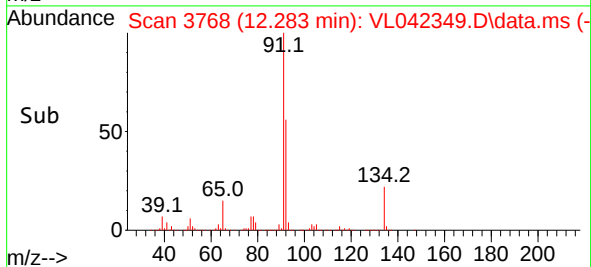
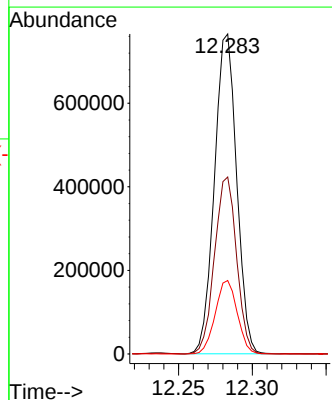
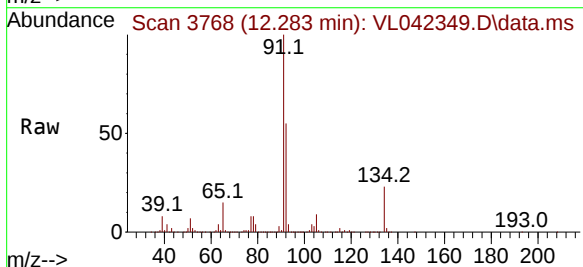
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

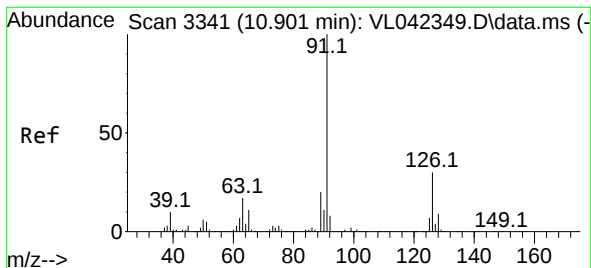
Tgt Ion:119 Resp: 778987
Ion Ratio Lower Upper
119 100
134 25.0 20.0 30.0
91 30.5 24.4 36.6



#70
n-Butylbenzene
Concen: 8.682 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 91 Resp: 801364
Ion Ratio Lower Upper
91 100
92 55.3 44.2 66.4
134 22.8 18.2 27.4

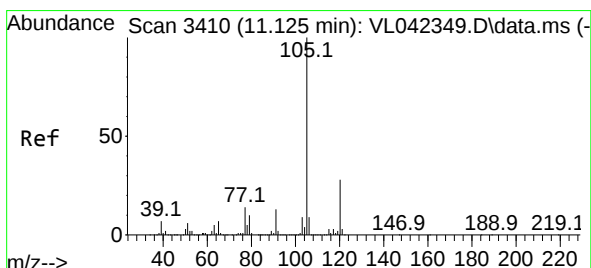
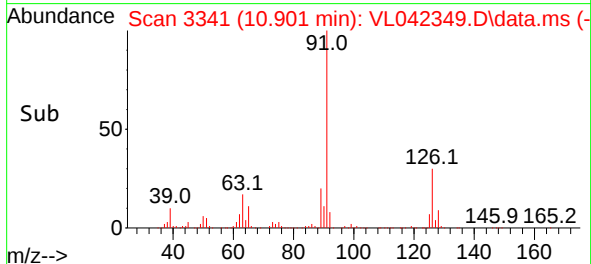
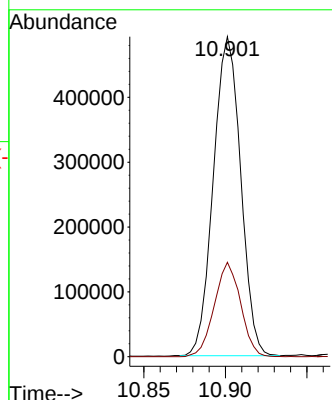
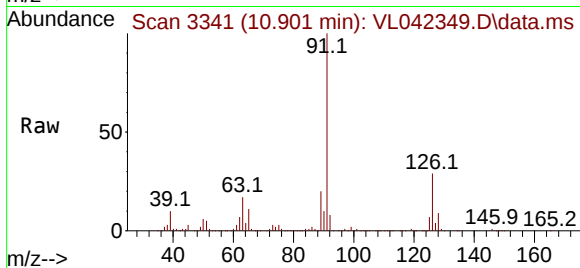




#71
2-Chlorotoluene
Concen: 9.157 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

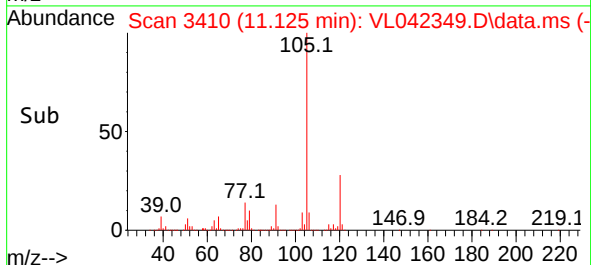
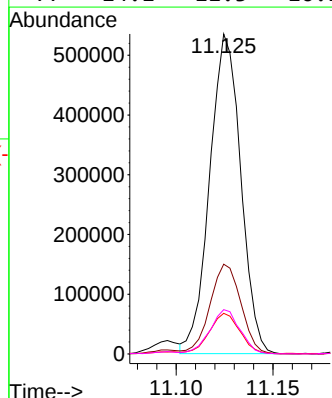
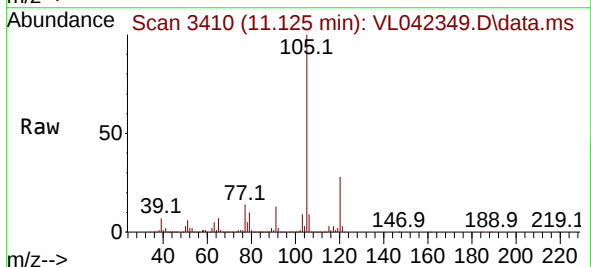
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

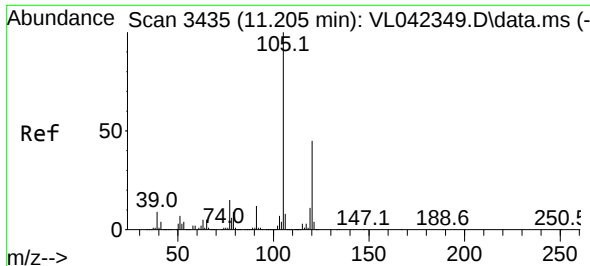
Tgt Ion: 91 Resp: 573039
Ion Ratio Lower Upper
91 100
126 28.4 11.4 45.4



#72
4-Ethyltoluene
Concen: 8.982 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion: 105 Resp: 596757
Ion Ratio Lower Upper
105 100
120 29.0 23.2 34.8
91 13.0 10.4 15.6
77 14.1 11.3 16.9

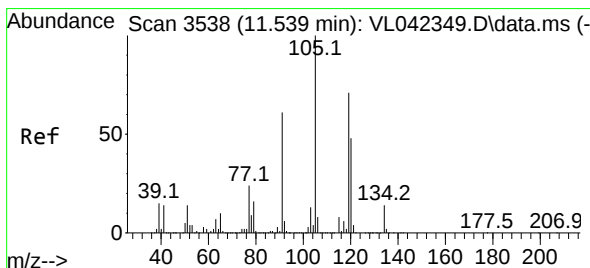
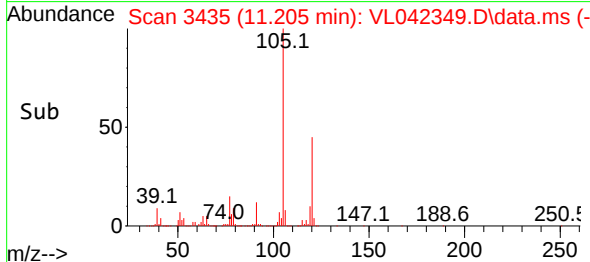
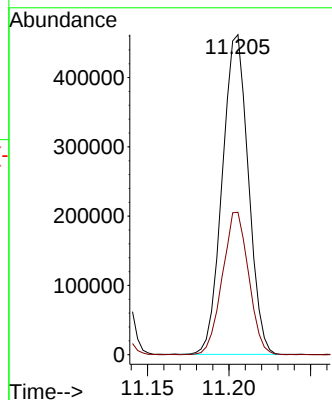
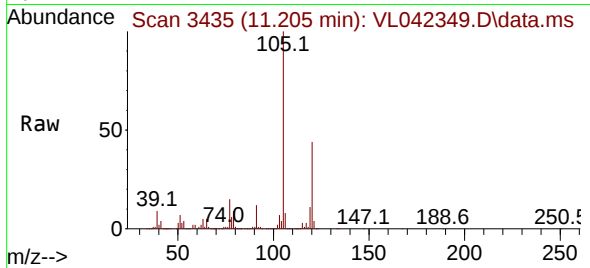




#73
1,3,5-Trimethylbenzene
Concen: 8.743 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

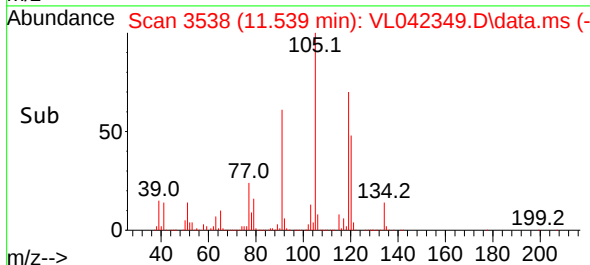
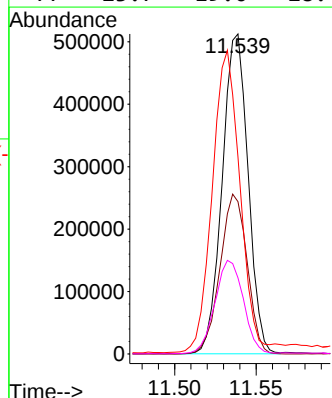
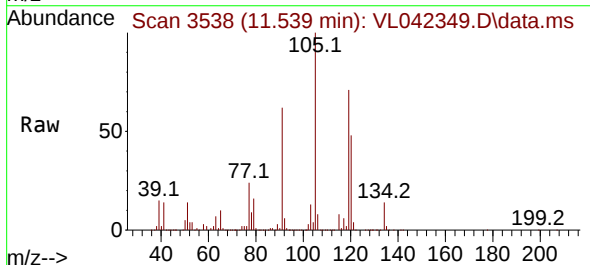
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

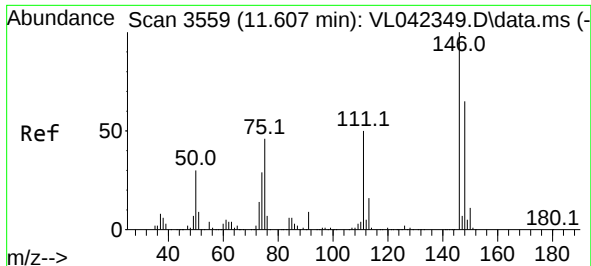
Tgt Ion:105 Resp: 512855
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4



#74
1,2,4-Trimethylbenzene
Concen: 8.248 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion:105 Resp: 565064
Ion Ratio Lower Upper
105 100
120 47.6 38.1 57.1
91 61.0 48.8 73.2
77 23.7 19.0 28.4

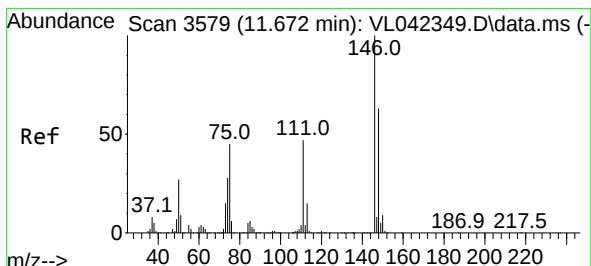
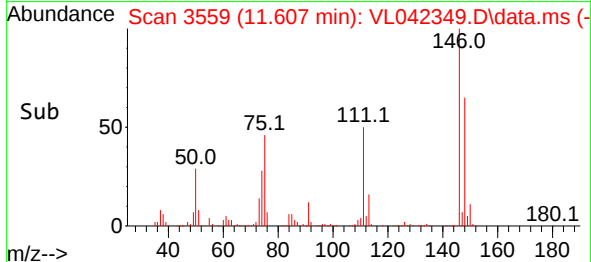
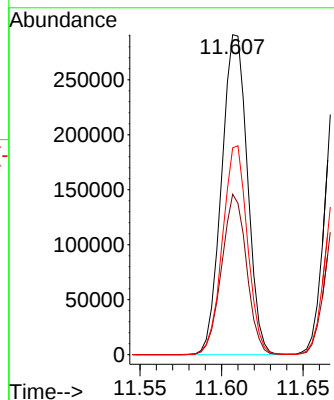
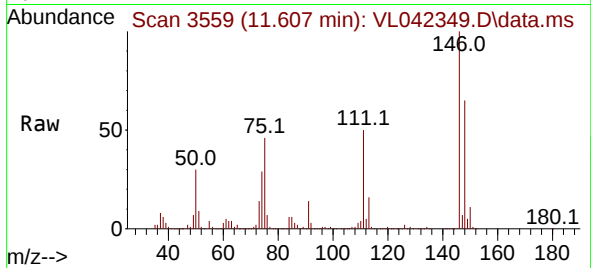




#75
1,3-Dichlorobenzene
Concen: 8.997 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

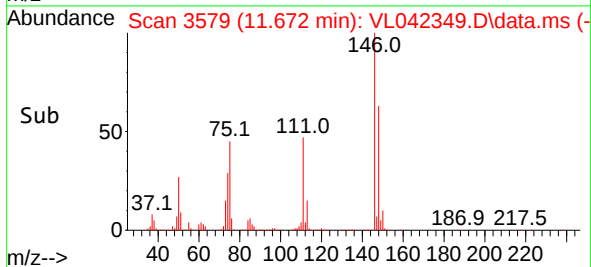
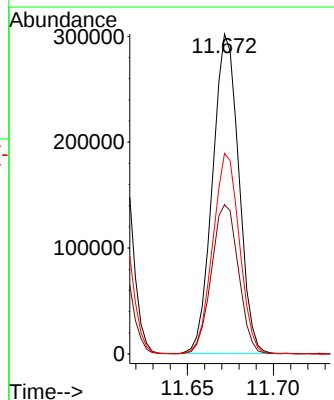
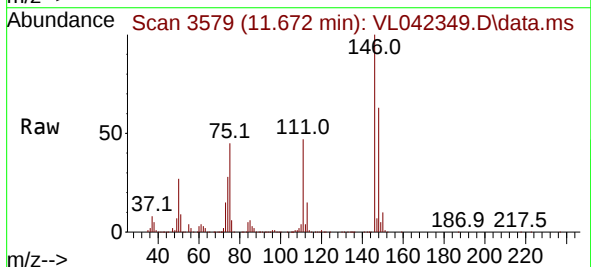
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

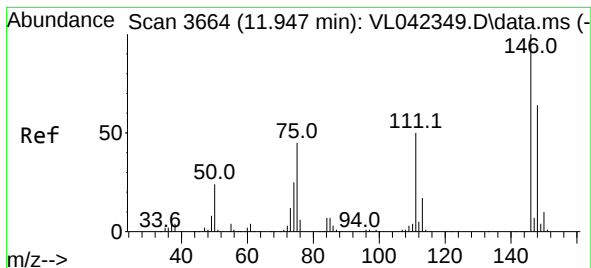
Tgt Ion:146 Resp: 320380
Ion Ratio Lower Upper
146 100
111 48.5 24.3 72.8
148 63.2 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 8.915 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion:146 Resp: 319089
Ion Ratio Lower Upper
146 100
111 48.4 24.2 72.6
148 64.3 32.1 96.5





#77

1,2-Dichlorobenzene

Concen: 8.832 ppbv

RT: 11.947 min Scan# 3

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

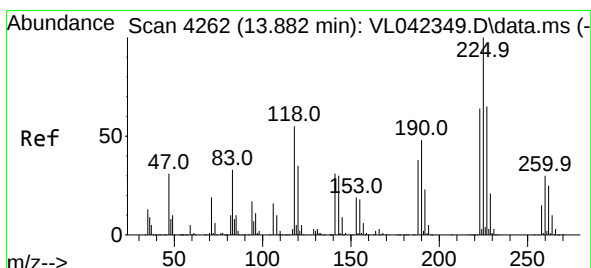
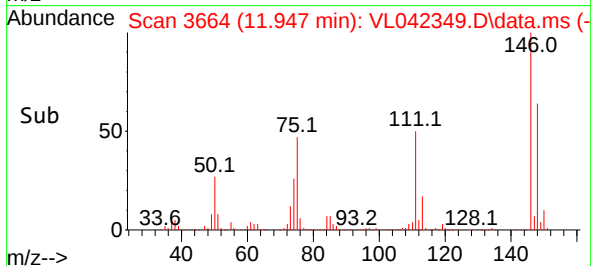
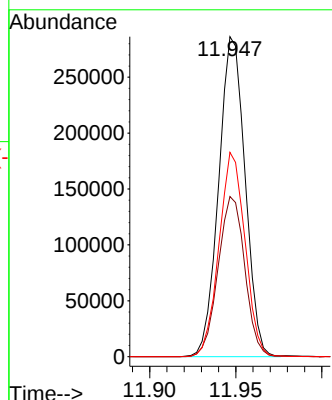
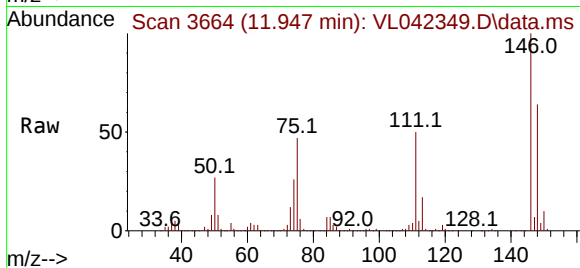
Tgt Ion:146 Resp: 305822

Ion Ratio Lower Upper

146 100

111 50.6 25.3 75.9

148 63.0 31.5 94.5



#78

Hexachloro-1,3-Butadiene

Concen: 8.346 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL042349.D

Acq: 17 Apr 2025 09:44

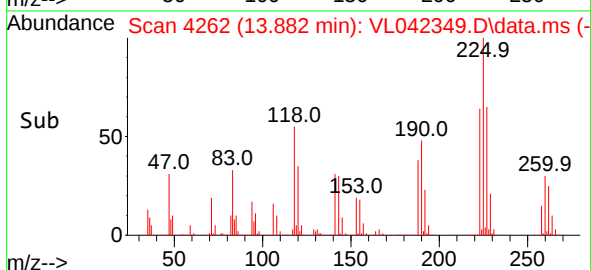
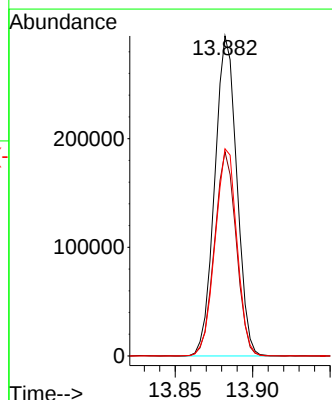
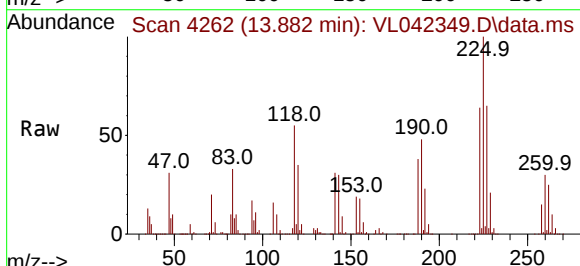
Tgt Ion:225 Resp: 291833

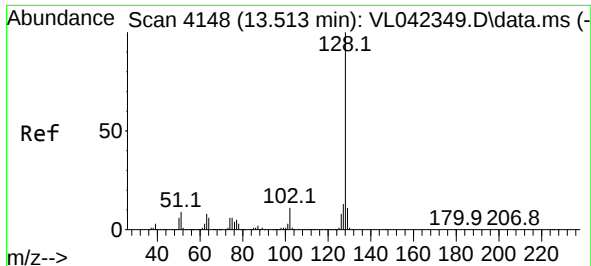
Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

227 64.4 51.5 77.3

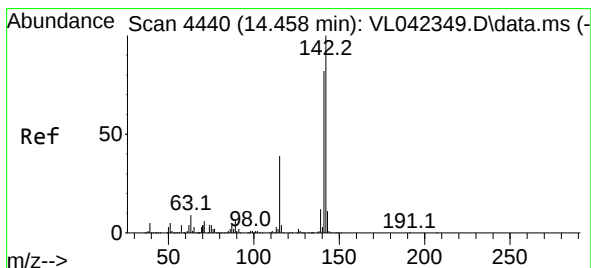
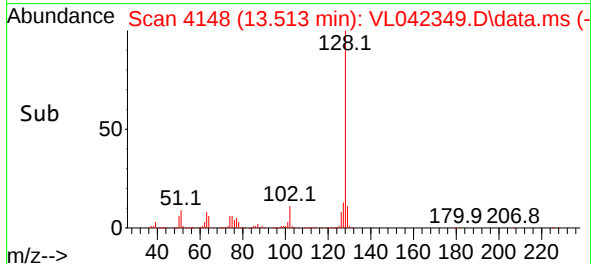
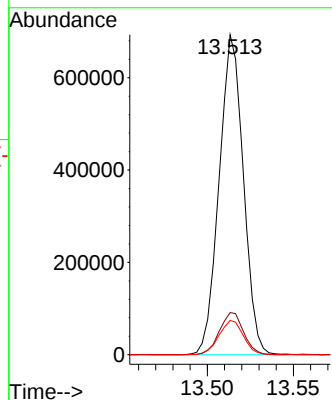
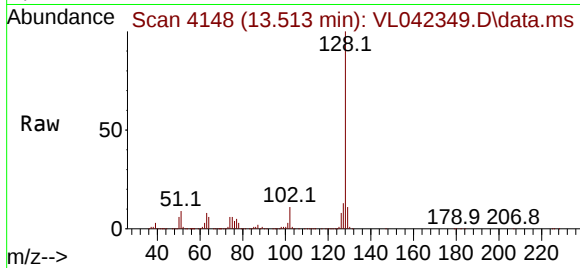




#79
Naphthalene
Concen: 8.271 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

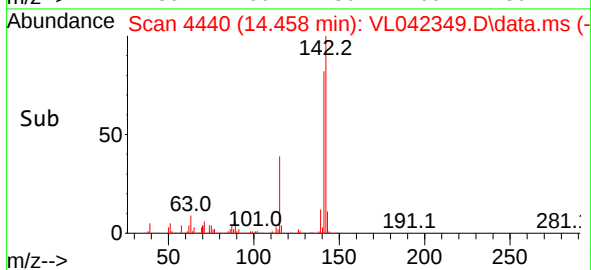
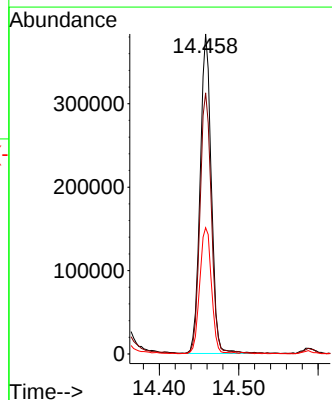
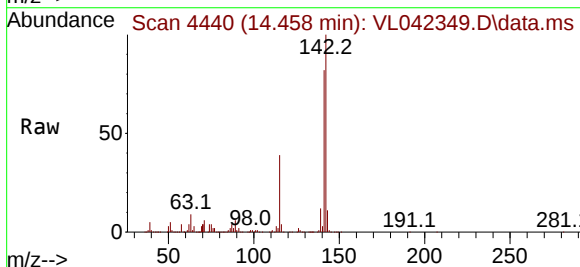
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

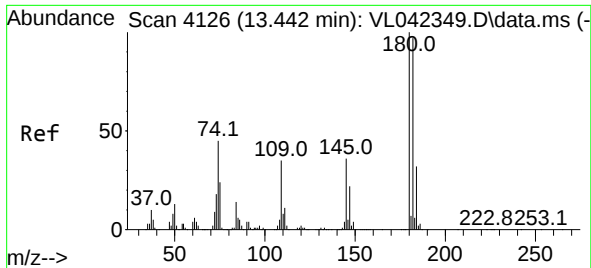
Tgt Ion:128 Resp: 677578
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#80
Naphthalene,2-methyl-
Concen: 8.074 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042349.D
Acq: 17 Apr 2025 09:44

Tgt Ion:142 Resp: 376995
Ion Ratio Lower Upper
142 100
141 83.5 66.8 100.2
115 41.8 33.4 50.2





#81

1,2,4-Trichlorobenzene

Concen: 8.702 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042349.D

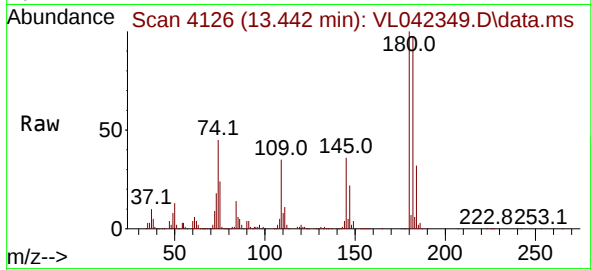
Acq: 17 Apr 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 306119

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

184 30.7 24.6 36.8

