

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041469.D
 Acq On : 1 Aug 2024 8:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 02 03:13:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	979040	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2694005	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3236096	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2039503	8.190	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	1379390	8.190	ppbv	100
3) Chlorodifluoromethane	2.674	51	1206576	10.352	ppbv	100
4) Chloromethane	2.813	50	632080	10.196	ppbv	100
5) Vinyl Chloride	2.922	62	642911	10.522	ppbv	99
6) Bromomethane	3.118	94	344381	10.966	ppbv	98
7) Chloroethane	3.195	64	228571	10.839	ppbv	95
8) Dichlorotetrafluoroethane	2.858	85	1559098	10.447	ppbv	98
9) Propene	2.694	41	547723	10.230	ppbv	99
10) Heptane	7.578	43	1358142	11.290	ppbv	99
11) Trichlorofluoromethane	3.562	101	1530982	10.235	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1121639	10.413	ppbv	99
13) Ethanol	3.247	45	40042	8.368	ppbv	95
14) Bromoethene	3.362	108	448769	10.687	ppbv	100
15) Acetone	3.465	43	1125392	10.117	ppbv	100
16) 1,3-Butadiene	2.986	39	644102	10.838	ppbv	98
17) tert-Butyl alcohol	3.874	59	1158971	11.424	ppbv	100
18) 1,1-Dichloroethene	3.877	96	496171	10.769	ppbv	97
19) Isopropyl Alcohol	3.575	45	753741	11.590	ppbv	99
20) Methylene Chloride	3.931	84	424966	10.245	ppbv	97
21) Allyl Chloride	3.996	41	797538	10.932	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	503243	10.924	ppbv	100
23) Vinyl Acetate	4.626	43	983130	11.572	ppbv #	98
24) 1,1-Dichloroethane	4.562	63	1063455	10.631	ppbv	99
25) Ethyl Acetate	5.202	43	2412523	10.917	ppbv	100
26) Hexane	5.211	57	1007277	10.988	ppbv	99
27) Carbon Disulfide	4.121	76	1186899	11.067	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	604138	10.450	ppbv	99
29) Chloroform	5.272	83	1568738	10.491	ppbv	98
30) Cyclohexane	6.597	84	853980	11.439	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	979343	10.814	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1549930	10.648	ppbv	99
34) 2-Butanone	4.784	43	1450016	11.127	ppbv	99
35) Carbon Tetrachloride	6.491	117	1637128	11.018	ppbv	100
36) Benzene	6.369	78	2144248	10.893	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1205519	10.942	ppbv	100
38) Trichloroethene	7.288	130	988684	10.963	ppbv	99
39) 1,2-Dichloropropane	7.070	63	822720	10.917	ppbv	95
40) 1,4-Dioxane	7.279	88	348979	11.527	ppbv	97
41) Tetrahydrofuran	5.552	42	852230	11.434	ppbv	100
42) Bromodichloromethane	7.250	83	1732711	10.891	ppbv	99
43) Methyl Methacrylate	7.472	69	843632	11.951	ppbv	97
44) 2,2,4-Trimethylpentane	7.324	57	3600389	10.951	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	867487	13.352	ppbv	100

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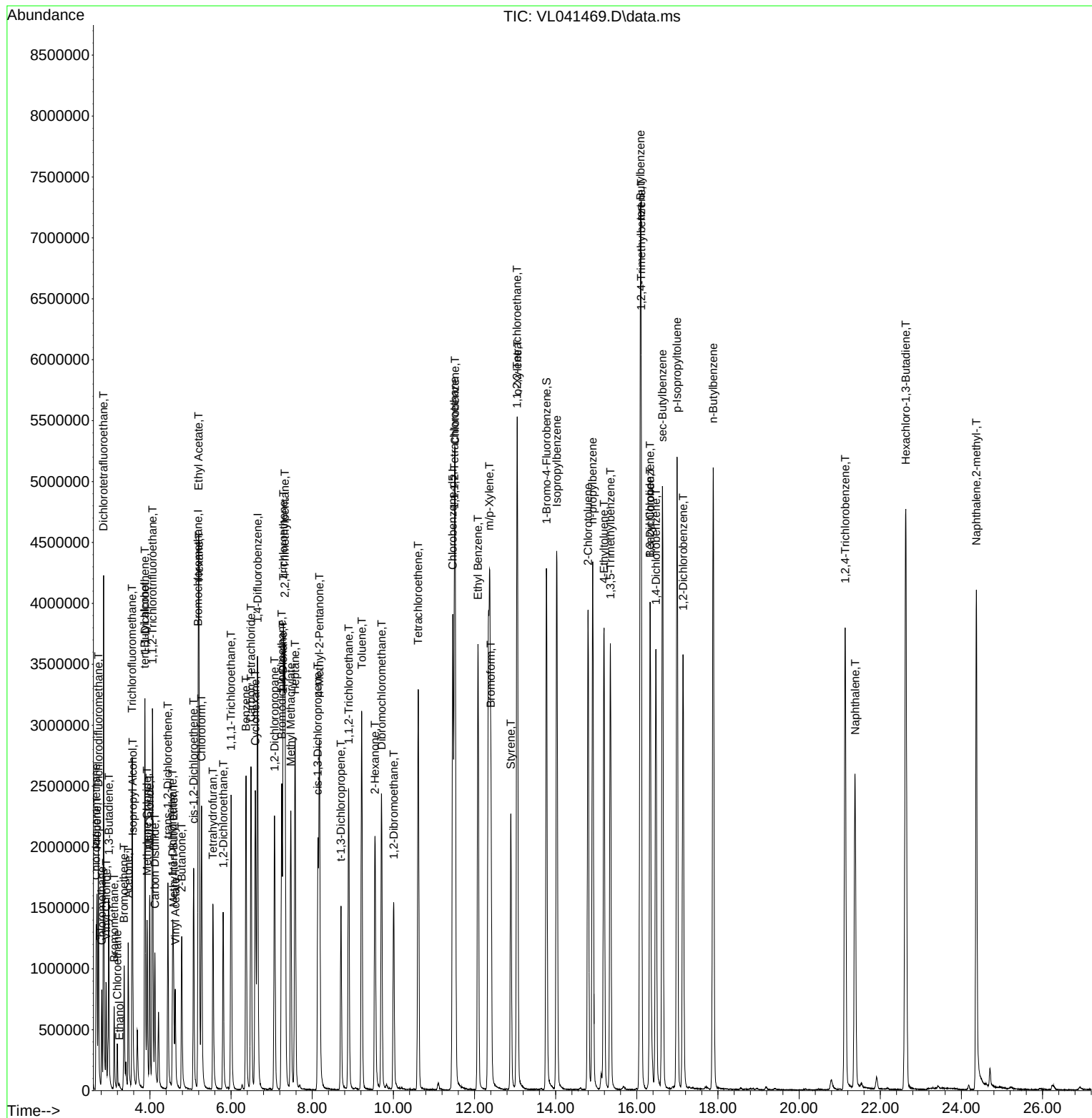
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1156968	12.331	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	901356	10.850	ppbv	97
48) Dibromochloromethane	9.709	129	1513890	11.312	ppbv	99
49) Bromoform	12.404	173	1330550	11.770	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2388067	11.615	ppbv	100
51) 2-Hexanone	9.545	43	1941778	12.490	ppbv #	99
52) Tetrachloroethene	10.613	164	818556	10.762	ppbv	97
53) Toluene	9.221	91	2522110	11.503	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1301300	11.769	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.504	131	1095567	8.730	ppbv #	59
57) Chlorobenzene	11.523	112	1956993	8.494	ppbv	99
58) Ethyl Benzene	12.085	91	3425464	9.184	ppbv	99
59) m/p-Xylene	12.368	91	2648354	8.225	ppbv #	16
60) o-Xylene	13.057	91	2799755	9.192	ppbv	100
61) Styrene	12.896	104	1374201	10.000	ppbv	99
62) Isopropylbenzene	14.028	105	4062180	8.773	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1716233	8.923	ppbv	100
64) n-propylbenzene	14.912	120	1093284	9.031	ppbv	97
65) tert-Butylbenzene	16.089	119	3664775	8.762	ppbv	100
66) Benzyl Chloride	16.326	91	279355	10.414	ppbv	99
67) sec-Butylbenzene	16.632	105	5128648	8.900	ppbv	100
69) p-Isopropyltoluene	16.992	119	4306845	9.007	ppbv	100
70) n-Butylbenzene	17.883	91	4448253	9.074	ppbv	100
71) 2-Chlorotoluene	14.799	91	3061039	8.964	ppbv	100
72) 4-Ethyltoluene	15.191	105	3360877	9.372	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2868332	9.285	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	3204898	8.923	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1992371	8.825	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1940194	8.875	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1952482	8.724	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1479561	7.752	ppbv	99
79) Naphthalene	21.381	128	3343125	10.546	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	2818526	10.607	ppbv	99
81) 1,2,4-Trichlorobenzene	21.137	180	1735016	9.197	ppbv	99

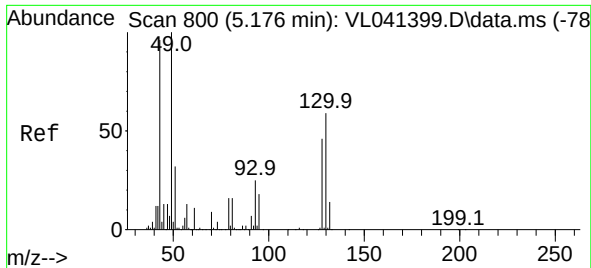
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ALS Vial : 1 Sample Multiplier: 1

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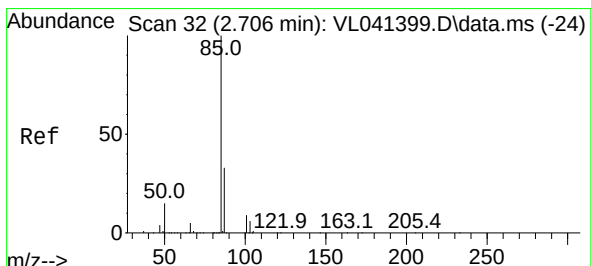
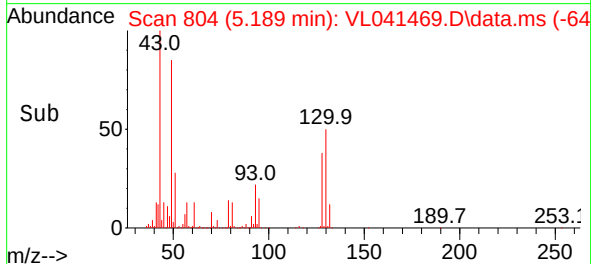
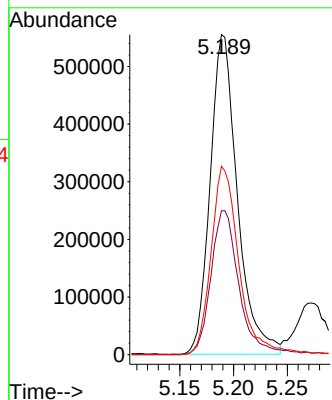
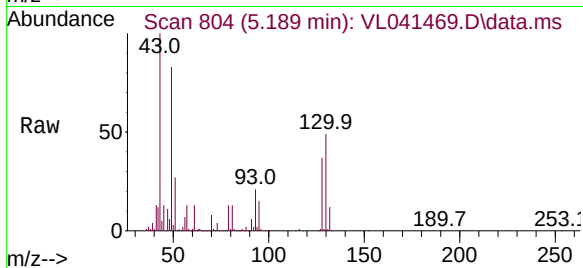




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

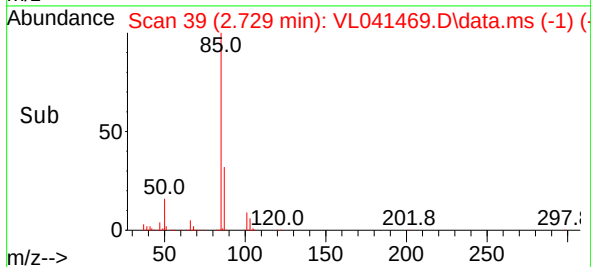
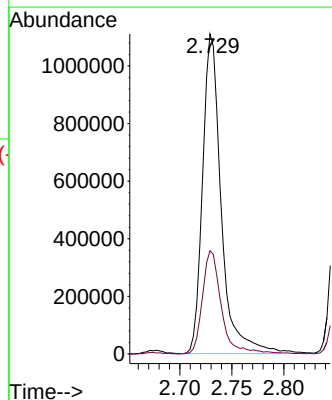
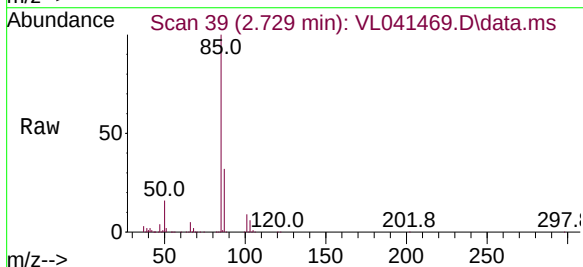
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MSVOA_L
ClientSampleId :
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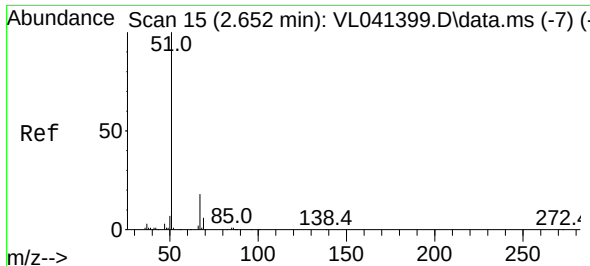
Tgt Ion: 49 Resp: 979040
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.4
130 61.2 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 8.190 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 85 Resp: 1379390
Ion Ratio Lower Upper
85 100
87 32.3 26.0 39.0

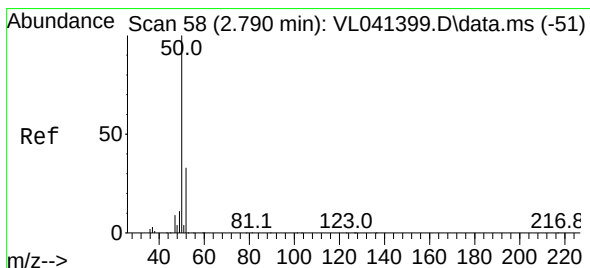
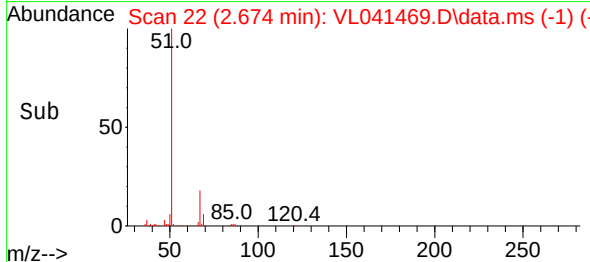
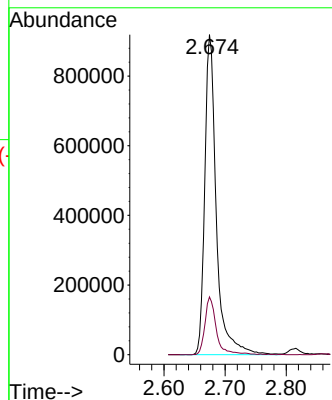
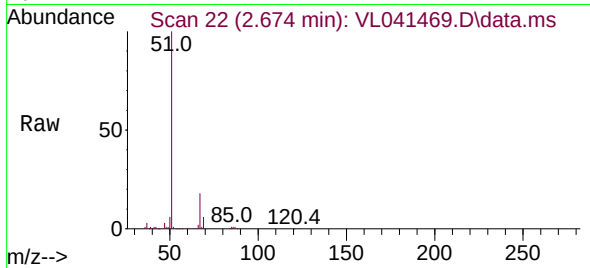




#3
Chlorodifluoromethane
Concen: 10.352 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

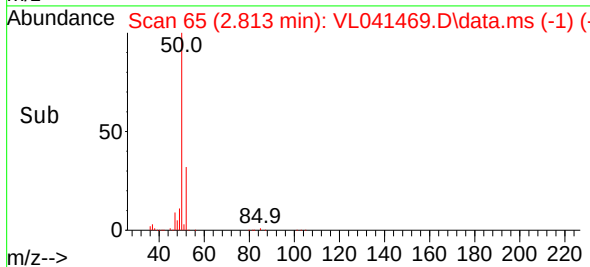
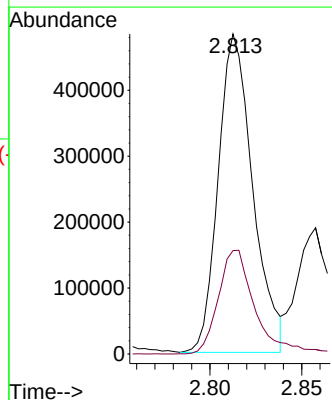
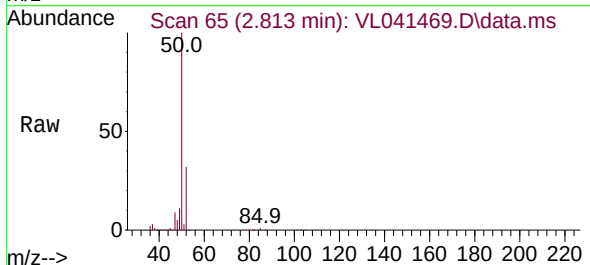
Instrument :
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ClientSampleId :
VSTDCCC010

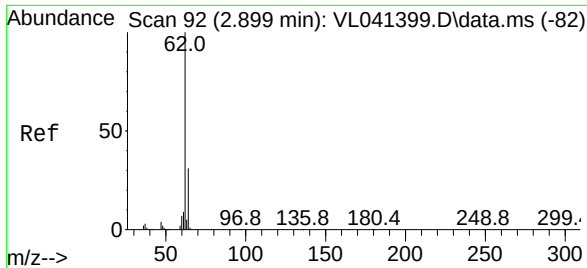
Tgt Ion: 51 Resp: 1206576
Ion Ratio Lower Upper
51 100
67 18.0 14.5 21.7



#4
Chloromethane
Concen: 10.196 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 50 Resp: 632080
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1

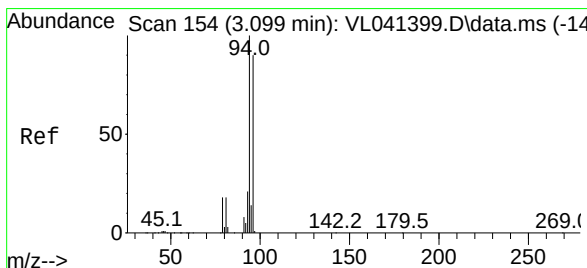
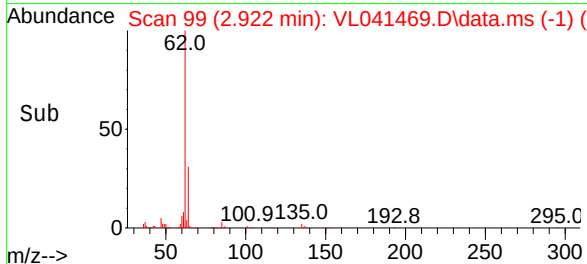
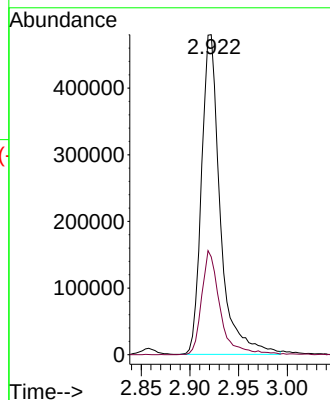
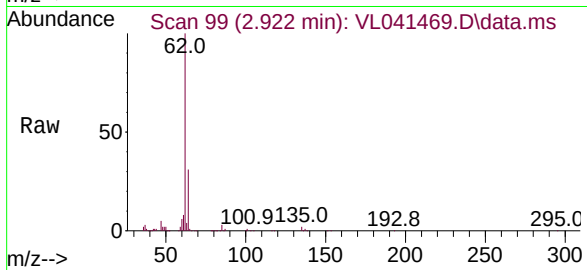




#5
 Vinyl Chloride
 Concen: 10.522 ppbv
 RT: 2.922 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

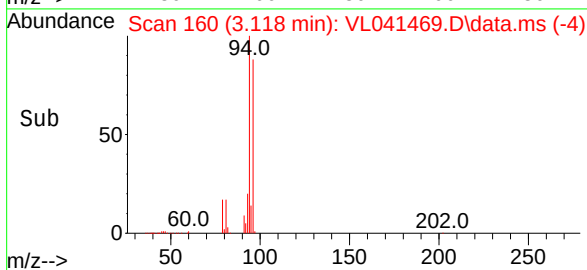
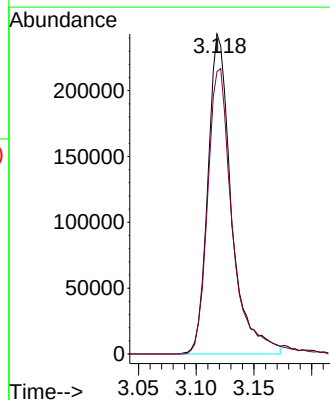
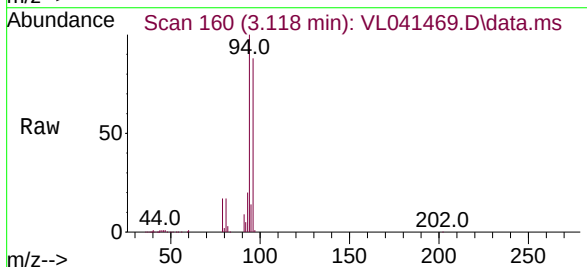
Instrument :
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 ClientSampleId :
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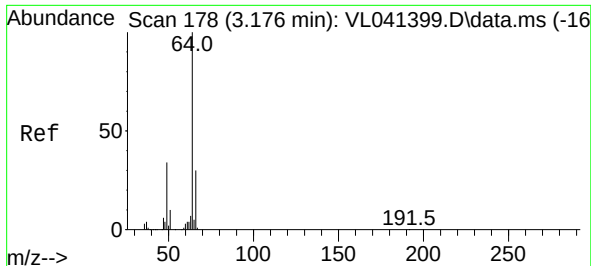
Tgt Ion: 62 Resp: 642911
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.0 37.4



#6
 Bromomethane
 Concen: 10.966 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Tgt Ion: 94 Resp: 344381
 Ion Ratio Lower Upper
 94 100
 96 88.2 72.3 108.5

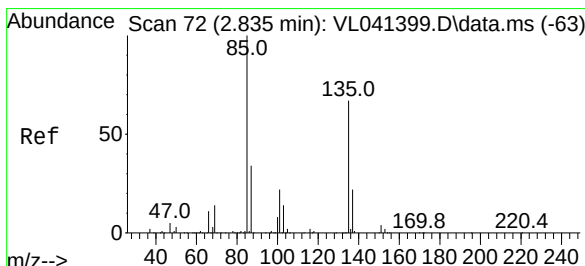
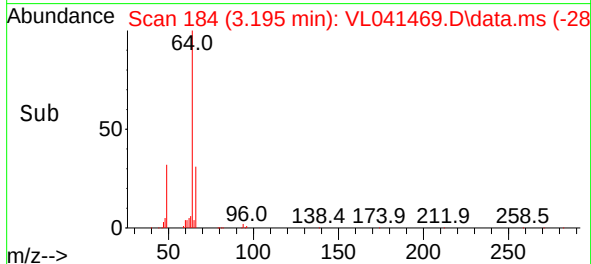
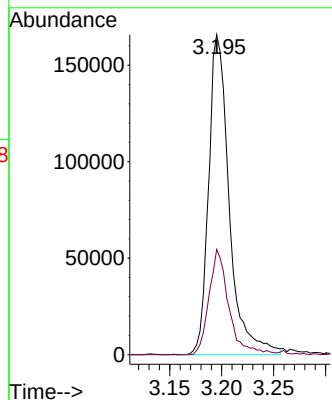
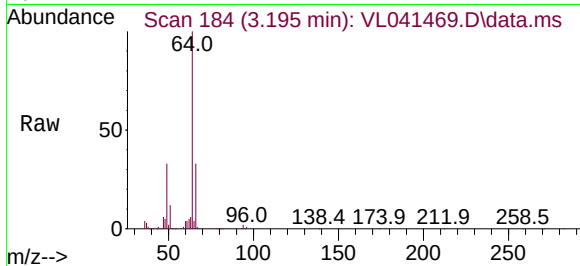




#7
Chloroethane
Concen: 10.839 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

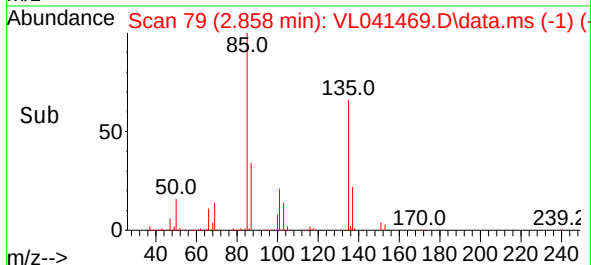
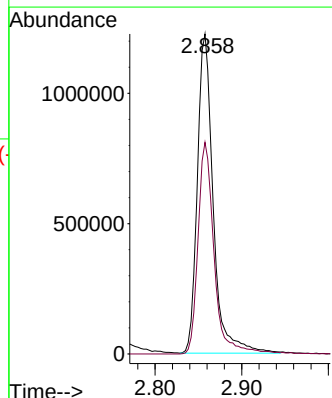
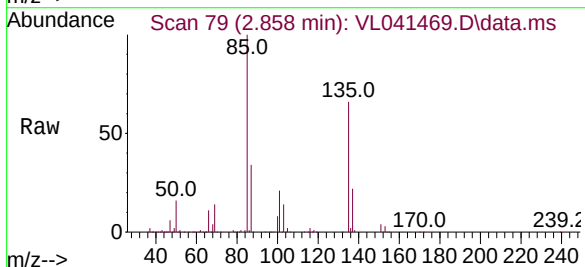
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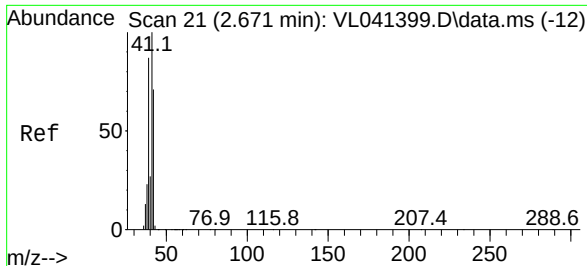
Tgt Ion: 64 Resp: 228571
Ion Ratio Lower Upper
64 100
66 32.9 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 10.447 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 85 Resp: 1559098
Ion Ratio Lower Upper
85 100
135 67.6 55.4 83.0

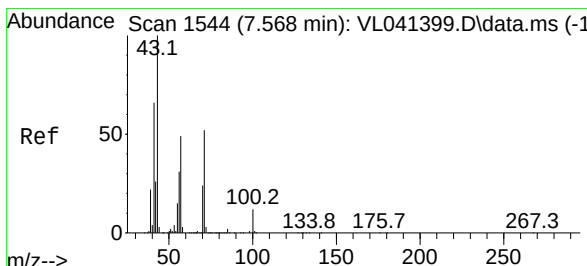
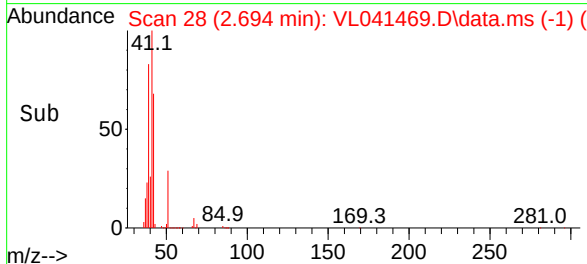
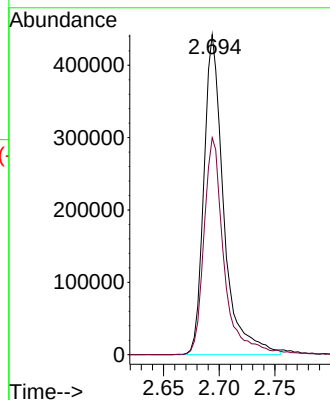
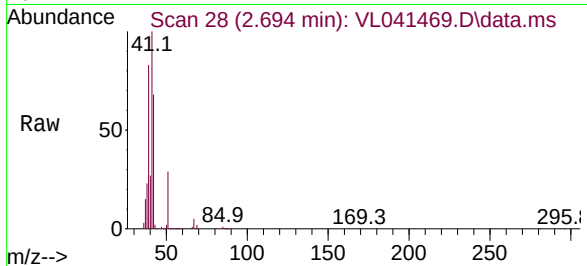




#9
Propene
Concen: 10.230 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

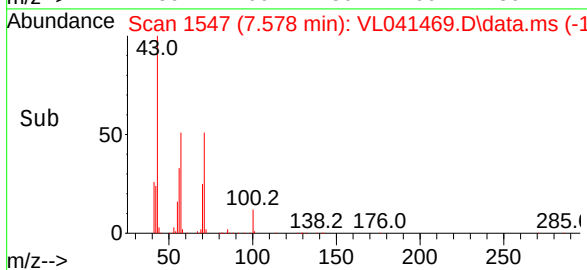
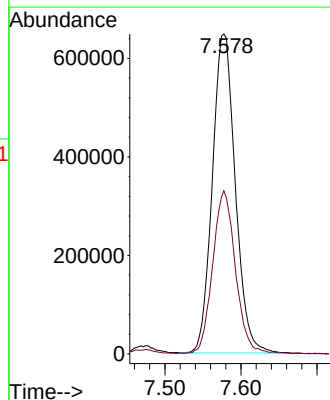
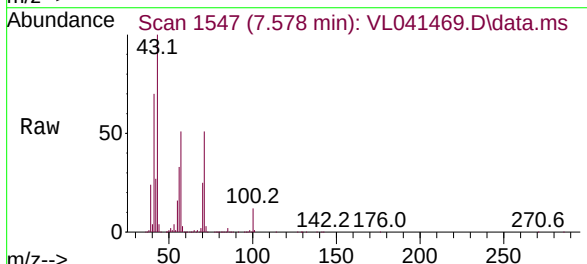
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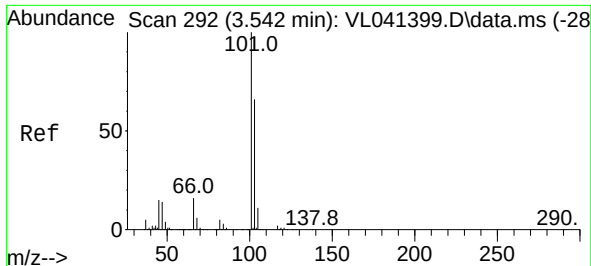
Tgt Ion: 41 Resp: 547723
Ion Ratio Lower Upper
41 100
42 69.4 55.9 83.9



#10
Heptane
Concen: 11.290 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 43 Resp: 1358142
Ion Ratio Lower Upper
43 100
57 51.2 40.5 60.7





#11

Trichlorofluoromethane

Concen: 10.235 ppbv

RT: 3.562 min Scan# 292

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

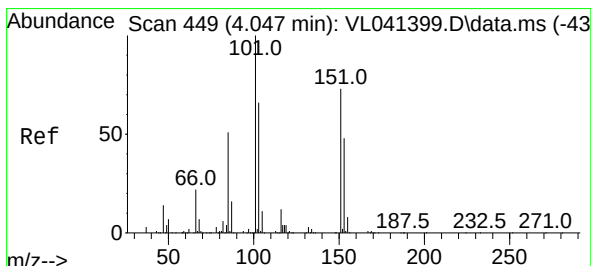
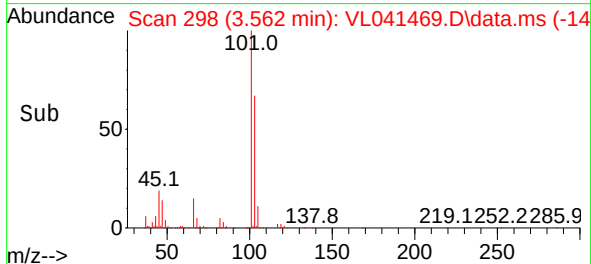
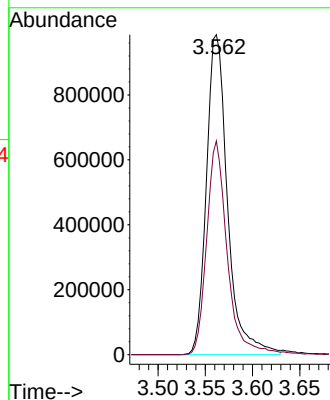
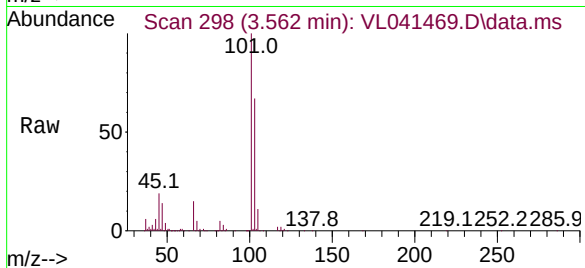
VSTDCCC010

Tgt Ion:101 Resp: 1530982

Ion Ratio Lower Upper

101 100

103 66.8 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.413 ppbv

RT: 4.063 min Scan# 454

Delta R.T. 0.000 min

Lab File: VL041469.D

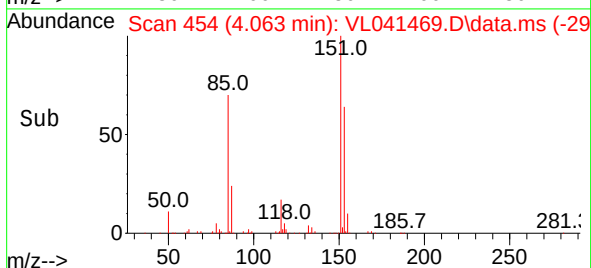
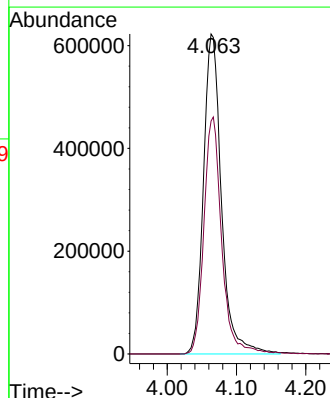
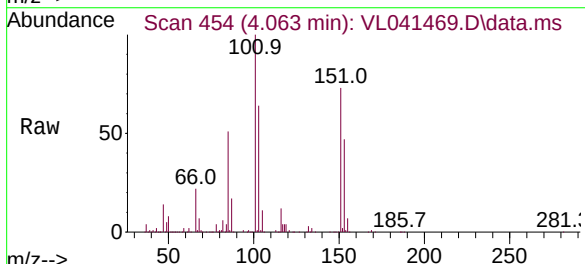
Acq: 1 Aug 2024 8:26

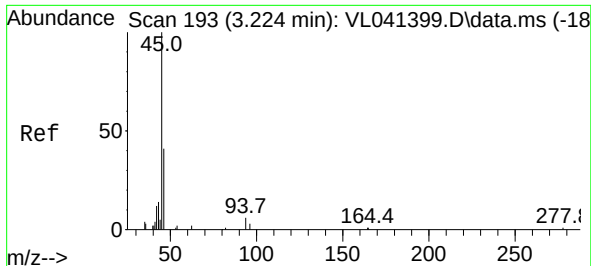
Tgt Ion:101 Resp: 1121639

Ion Ratio Lower Upper

101 100

151 73.2 59.4 89.2





#13

Ethanol

Concen: 8.368 ppbv

RT: 3.247 min Scan# 200

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

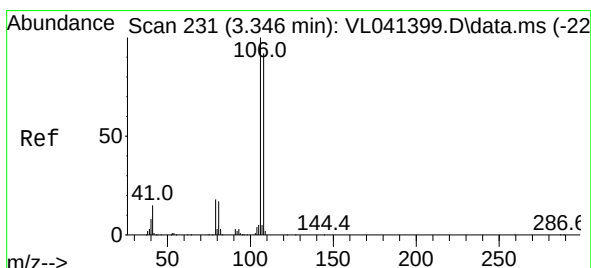
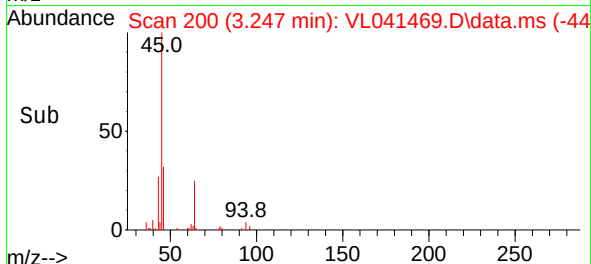
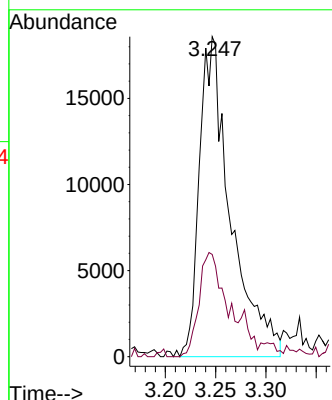
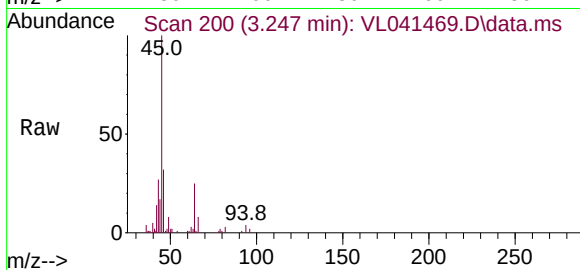
VSTDCCC010

Tgt Ion: 45 Resp: 40042

Ion Ratio Lower Upper

45 100

46 36.0 13.4 53.4



#14

Bromoethene

Concen: 10.687 ppbv

RT: 3.362 min Scan# 236

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

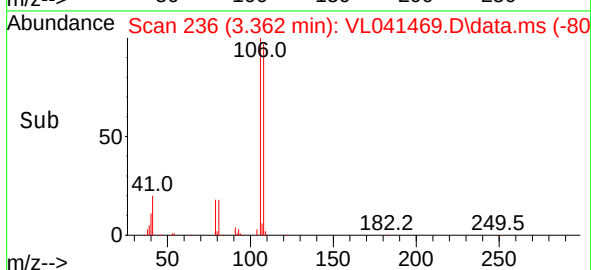
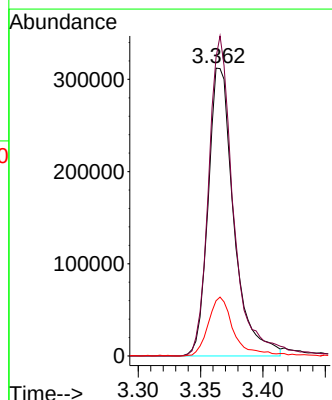
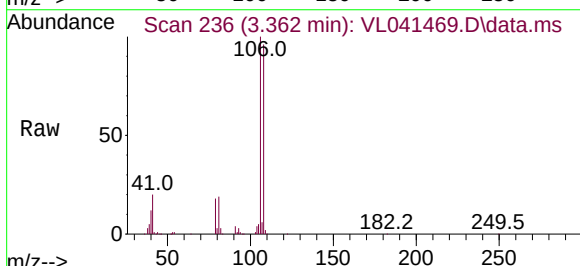
Tgt Ion:108 Resp: 448769

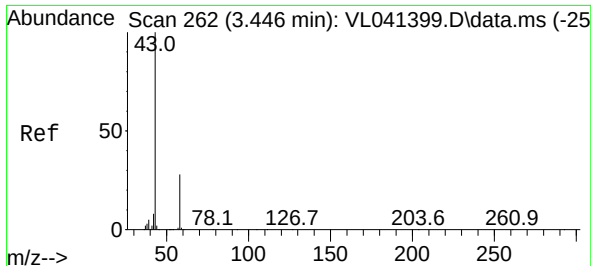
Ion Ratio Lower Upper

108 100

106 108.7 86.9 130.3

79 20.6 16.2 24.4





#15

Acetone

Concen: 10.117 ppbv

RT: 3.465 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

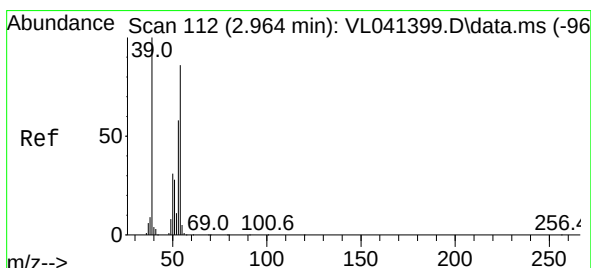
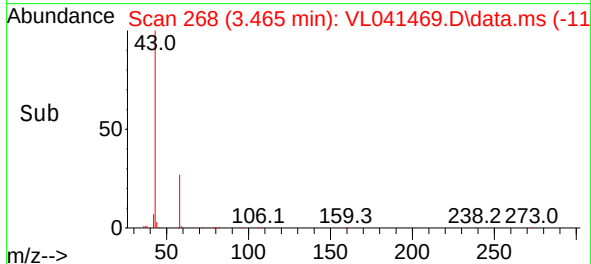
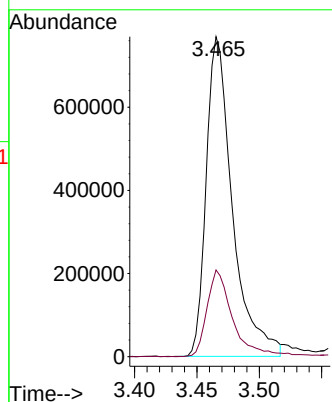
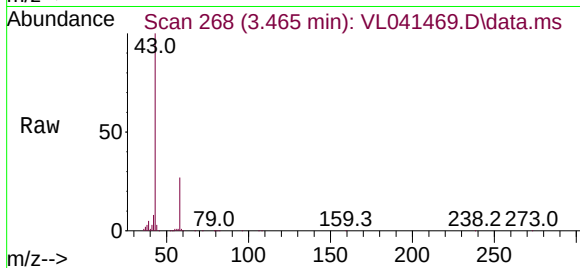
VSTDCCC010

Tgt Ion: 43 Resp: 1125392

Ion Ratio Lower Upper

43 100

58 27.0 21.4 32.2



#16

1,3-Butadiene

Concen: 10.838 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.000 min

Lab File: VL041469.D

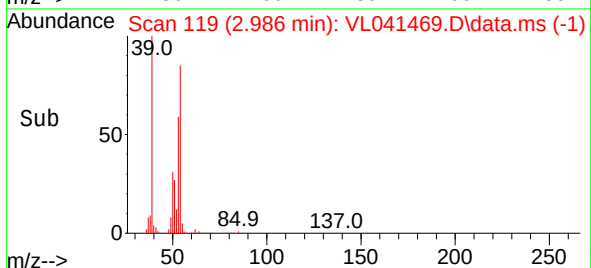
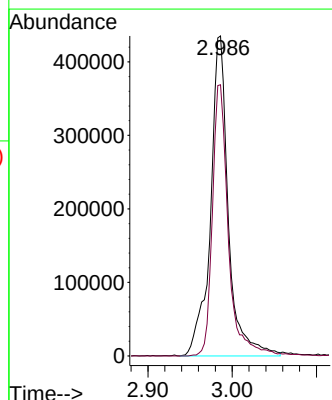
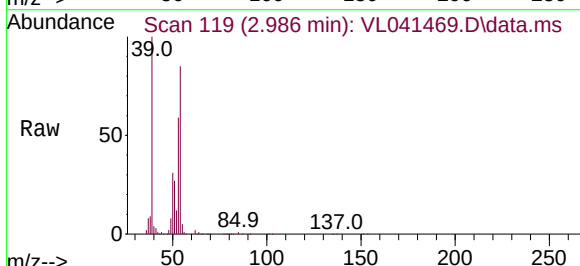
Acq: 1 Aug 2024 8:26

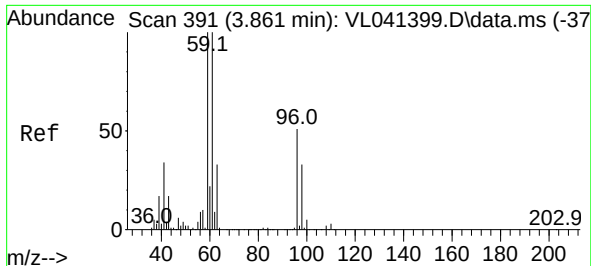
Tgt Ion: 39 Resp: 644102

Ion Ratio Lower Upper

39 100

54 76.2 62.5 93.7

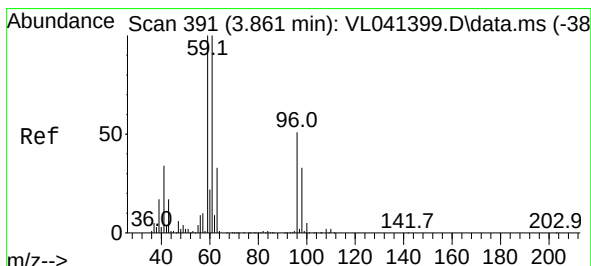
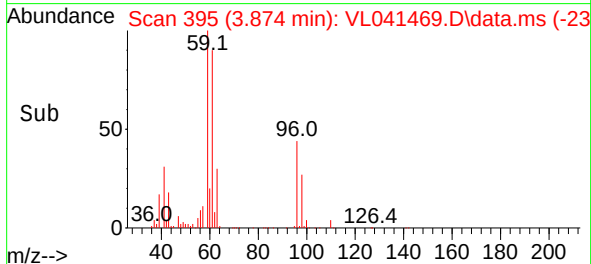
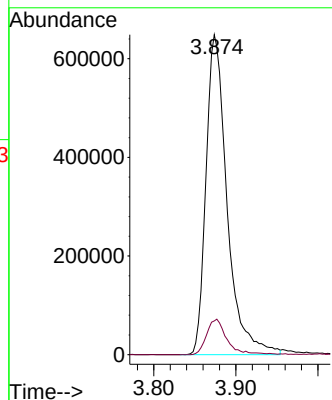
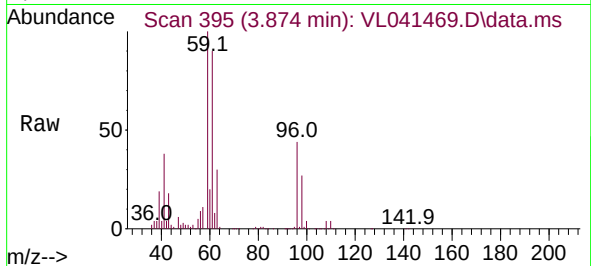




#17
tert-Butyl alcohol
Concen: 11.424 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

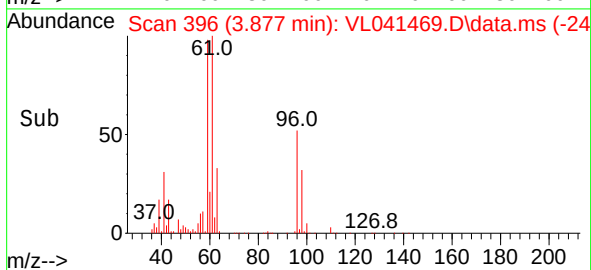
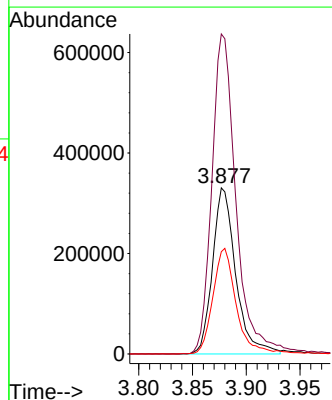
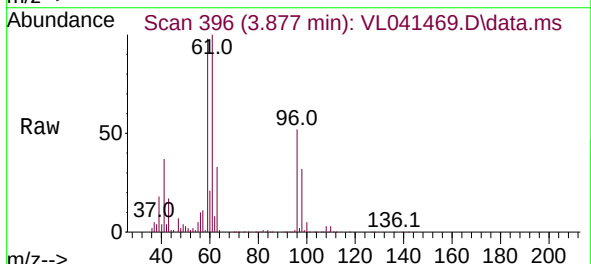
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

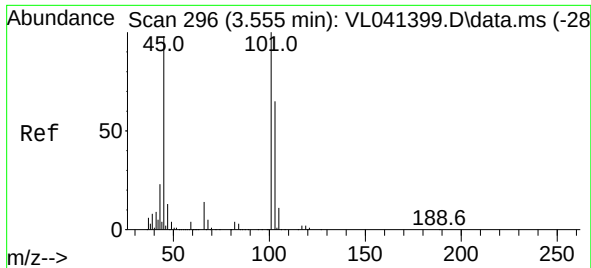
Tgt Ion: 59 Resp: 1158971
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#18
1,1-Dichloroethene
Concen: 10.769 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 96 Resp: 496171
Ion Ratio Lower Upper
96 100
61 192.7 157.5 236.3
98 61.5 51.2 76.8





#19

Isopropyl Alcohol

Concen: 11.590 ppbv

RT: 3.575 min Scan# 302

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_1

ClientSampleId :

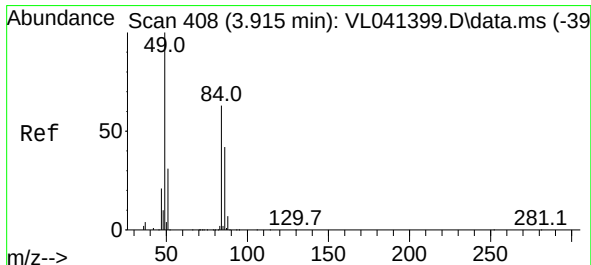
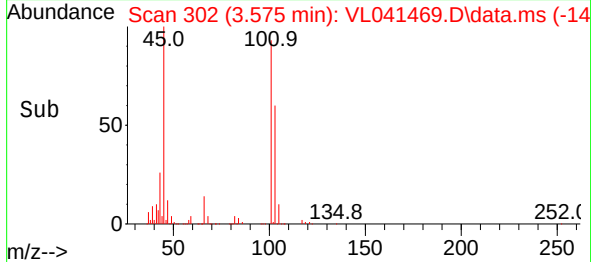
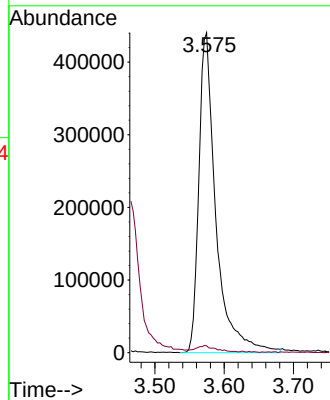
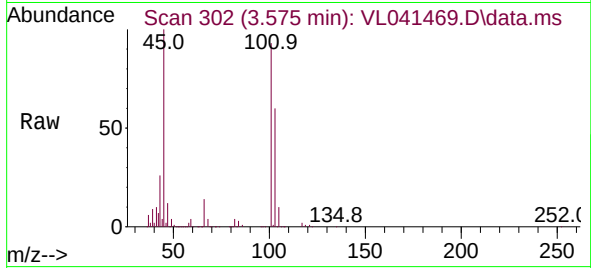
VSTDCCC010

Tgt Ion: 45 Resp: 753741

Ion Ratio Lower Upper

45 100

58 2.9 1.9 2.9



#20

Methylene Chloride

Concen: 10.245 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Tgt Ion: 84 Resp: 424966

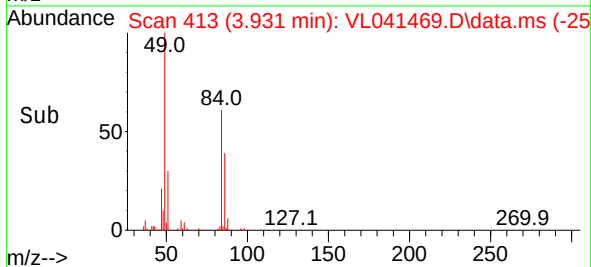
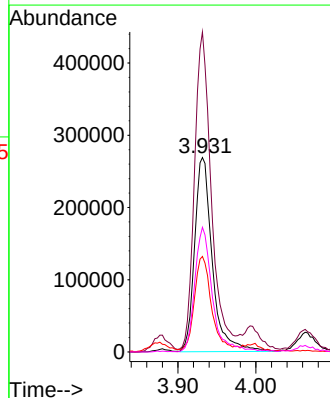
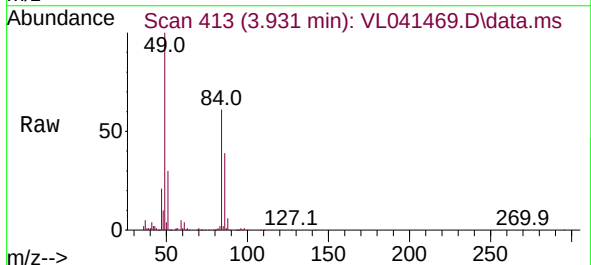
Ion Ratio Lower Upper

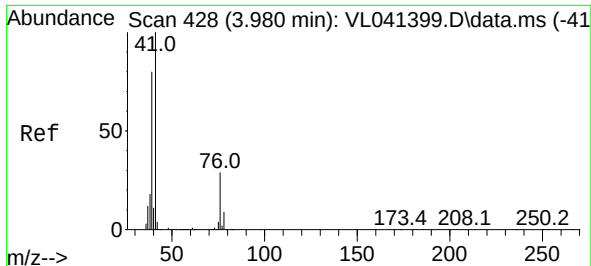
84 100

49 163.7 126.6 190.0

51 48.6 38.6 58.0

86 64.1 53.0 79.4





#21

Allyl Chloride

Concen: 10.932 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

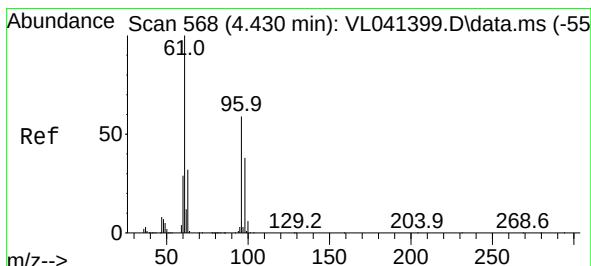
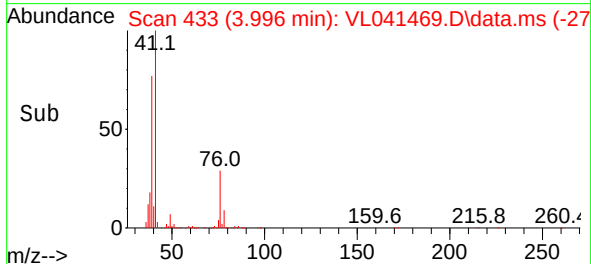
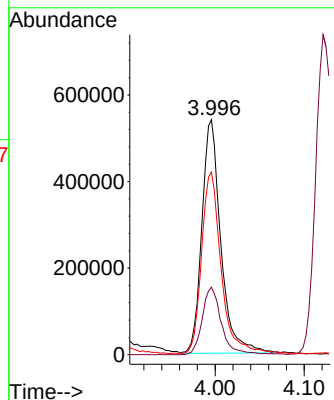
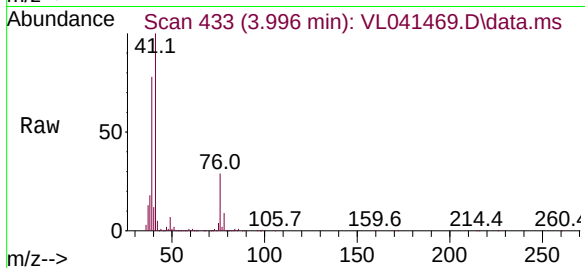
Tgt Ion: 41 Resp: 797538

Ion Ratio Lower Upper

41 100

76 29.4 23.7 35.5

39 80.9 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 10.924 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

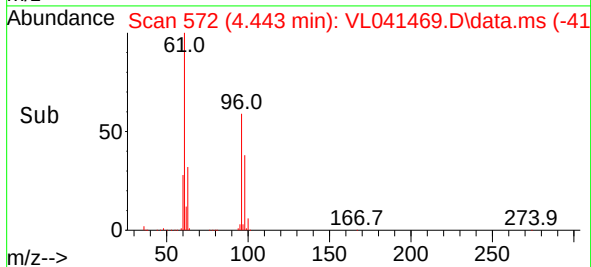
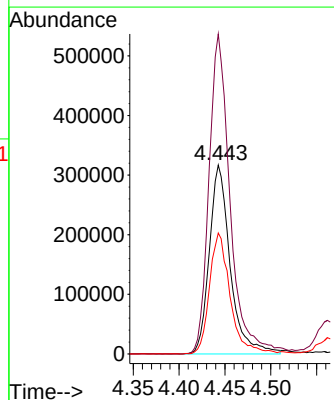
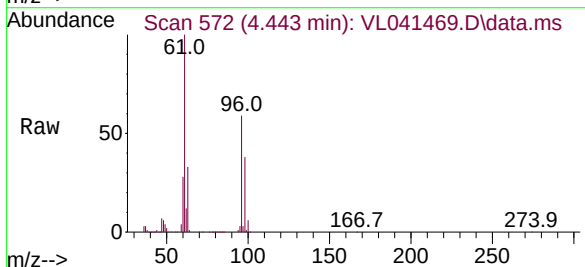
Tgt Ion: 96 Resp: 503243

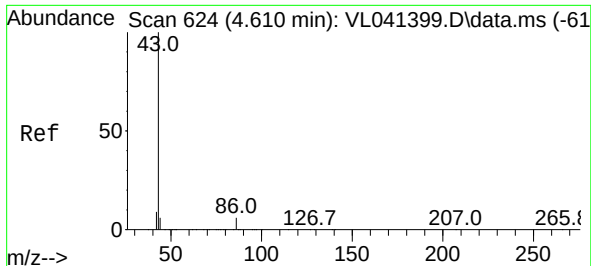
Ion Ratio Lower Upper

96 100

61 169.4 135.4 203.2

98 64.0 51.0 76.4



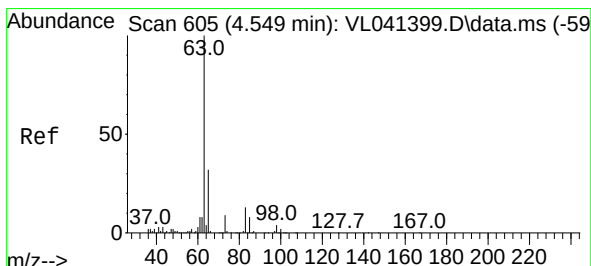
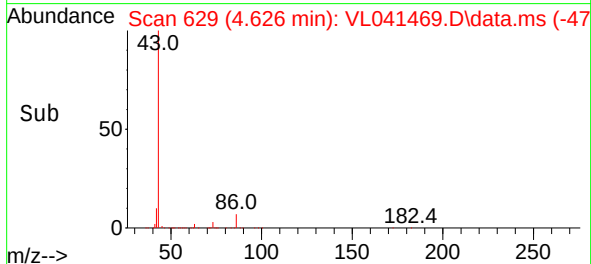
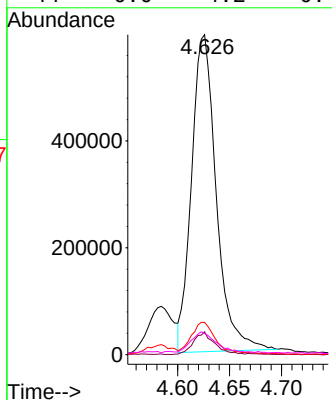
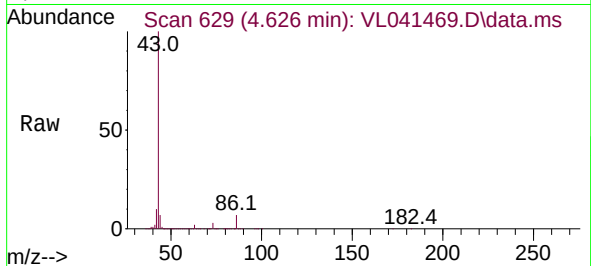


#23
 Vinyl Acetate
 Concen: 11.572 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 983130

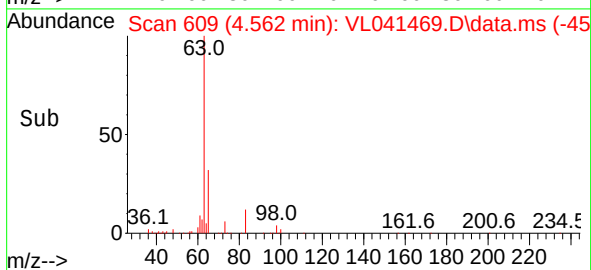
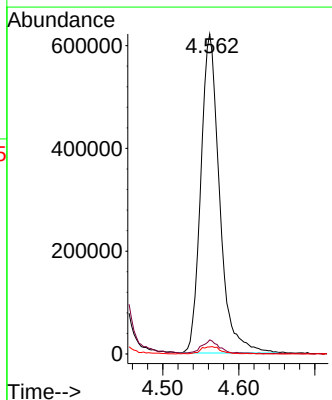
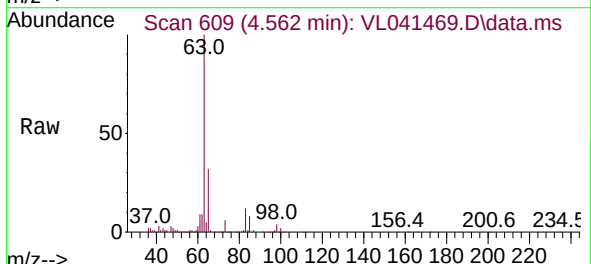
Ion	Ratio	Lower	Upper
43	100		
86	7.3	4.6	6.8#
42	10.1	7.9	11.9
44	6.0	4.2	6.4

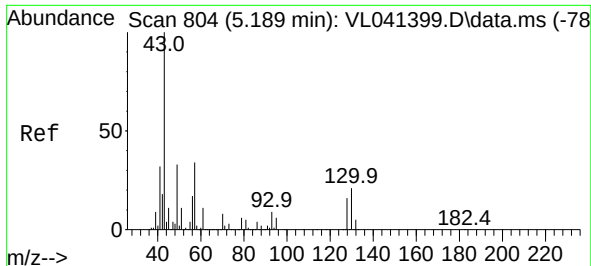


#24
 1,1-Dichloroethane
 Concen: 10.631 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Tgt Ion: 63 Resp: 1063455

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	6.0
100	2.2	1.2	3.6





#25

Ethyl Acetate

Concen: 10.917 ppbv

RT: 5.202 min Scan# 80

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2412523

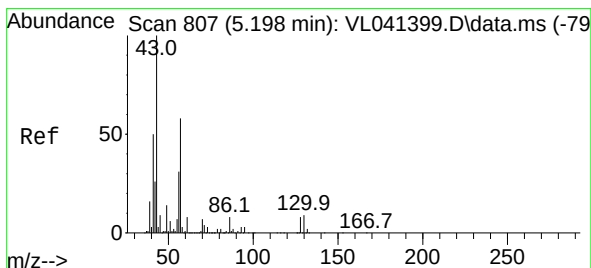
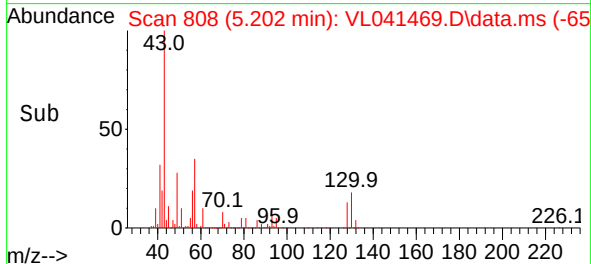
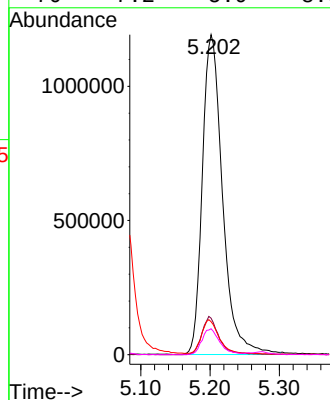
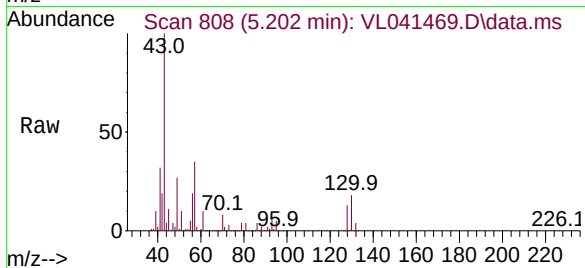
Ion Ratio Lower Upper

43 100

45 10.4 8.5 12.7

61 10.0 8.0 12.0

70 7.2 5.9 8.9



#26

Hexane

Concen: 10.988 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Tgt Ion: 57 Resp: 1007277

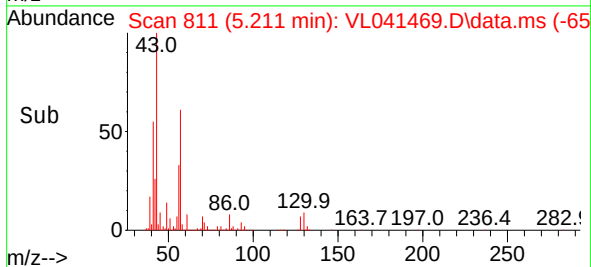
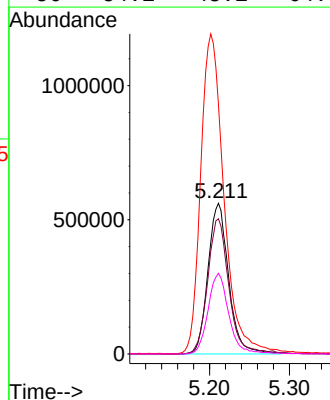
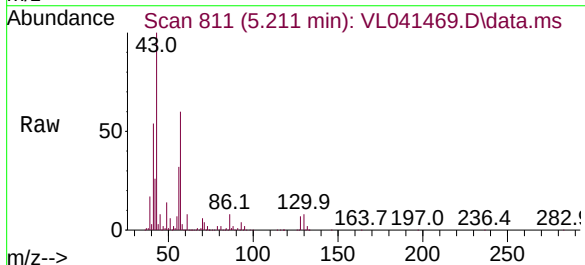
Ion Ratio Lower Upper

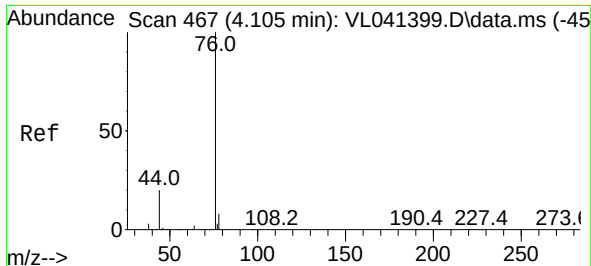
57 100

41 93.1 74.0 111.0

43 240.5 193.6 290.4

56 54.1 43.1 64.7

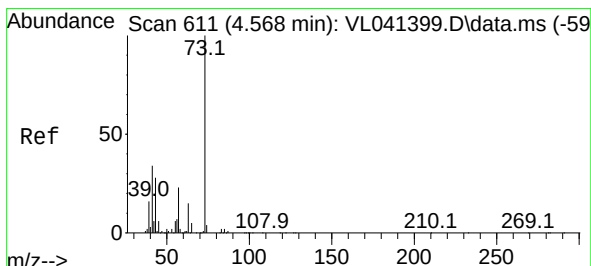
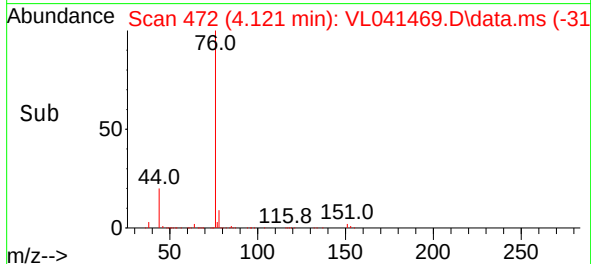
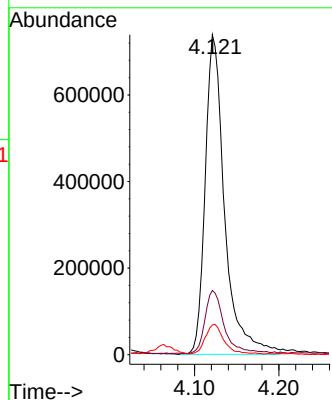
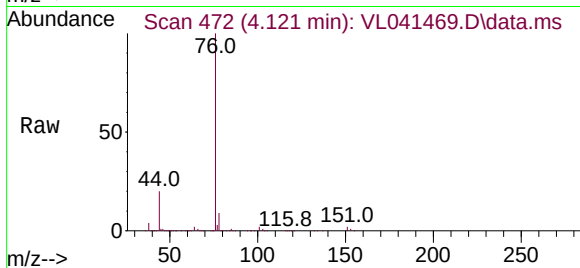




#27
Carbon Disulfide
Concen: 11.067 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

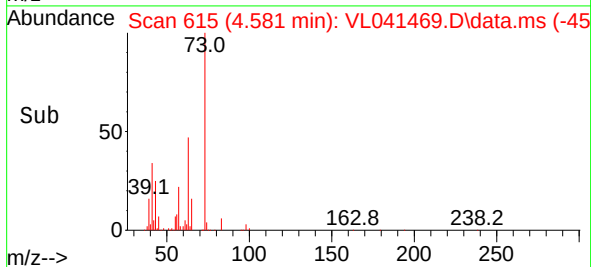
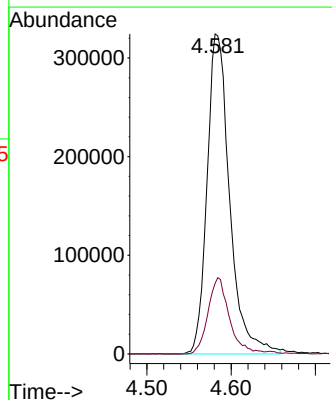
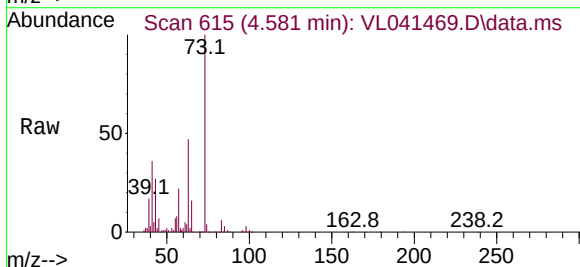
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

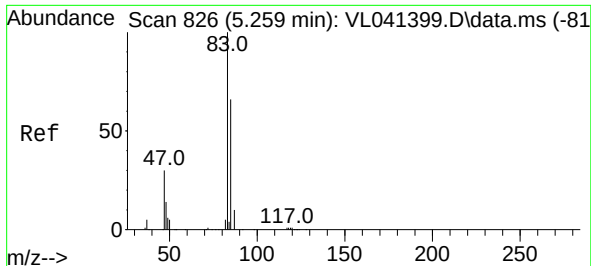
Tgt Ion: 76 Resp: 1186899
Ion Ratio Lower Upper
76 100
44 19.6 15.6 23.4
78 10.3 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.450 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 73 Resp: 604138
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





#29

Chloroform

Concen: 10.491 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

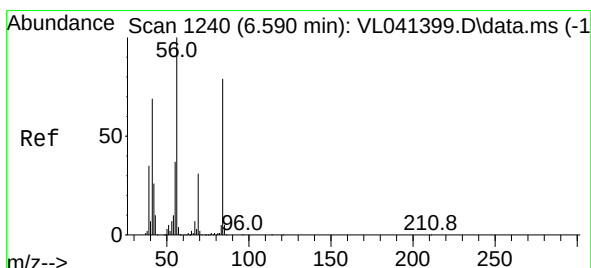
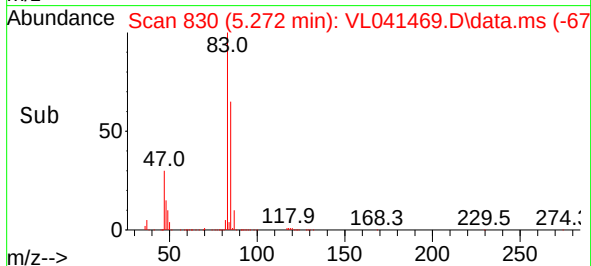
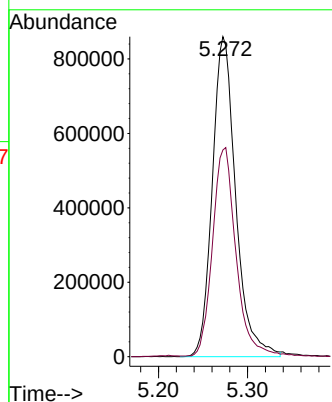
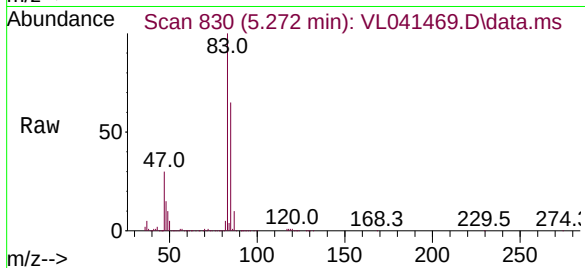
VSTDCCC010

Tgt Ion: 83 Resp: 1568738

Ion Ratio Lower Upper

83 100

85 64.4 53.1 79.7



#30

Cyclohexane

Concen: 11.439 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

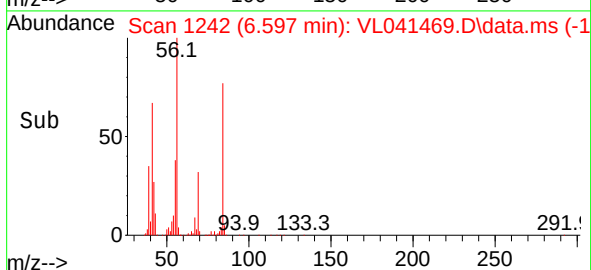
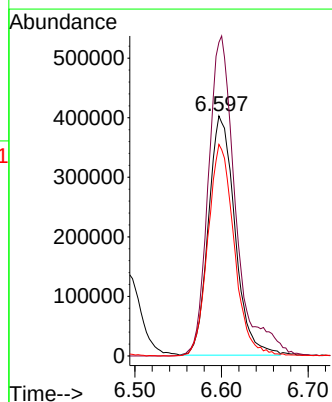
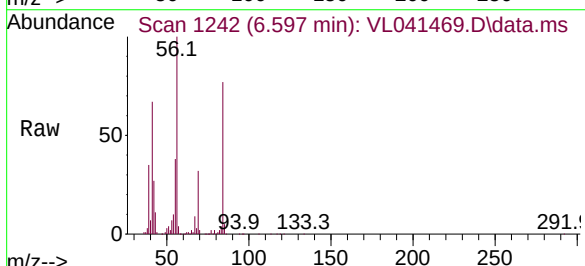
Tgt Ion: 84 Resp: 853980

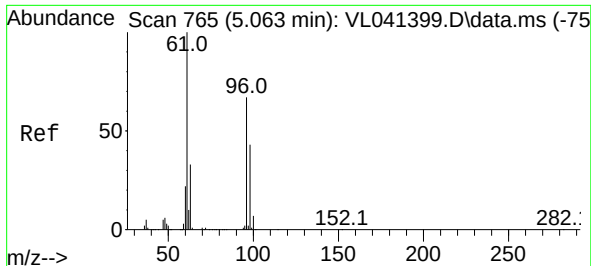
Ion Ratio Lower Upper

84 100

56 138.4 111.2 166.8

41 87.8 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 10.814 ppbv

RT: 5.076 min Scan# 7

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

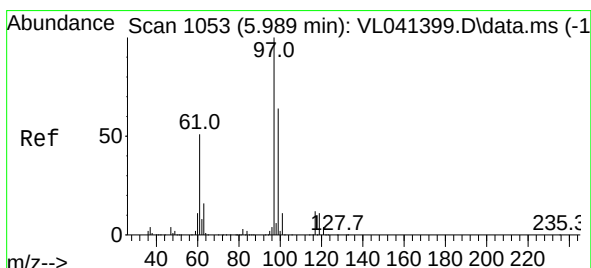
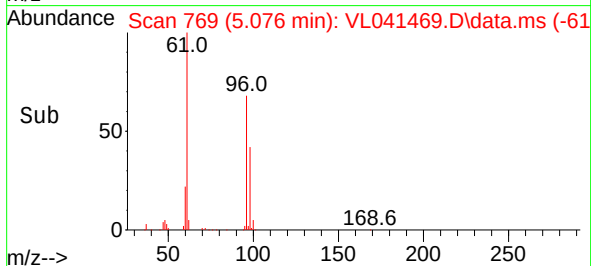
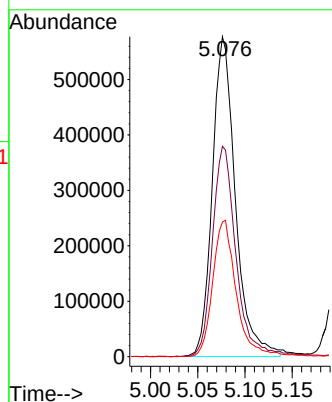
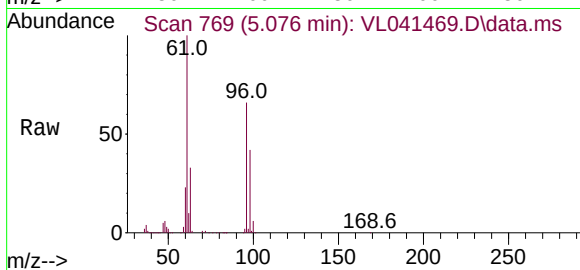
Tgt Ion: 61 Resp: 979343

Ion Ratio Lower Upper

61 100

96 65.7 53.4 80.2

98 42.0 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 10.648 ppbv

RT: 5.999 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

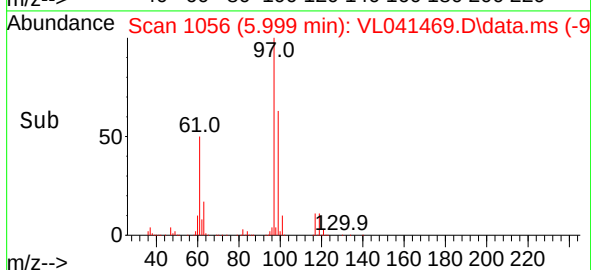
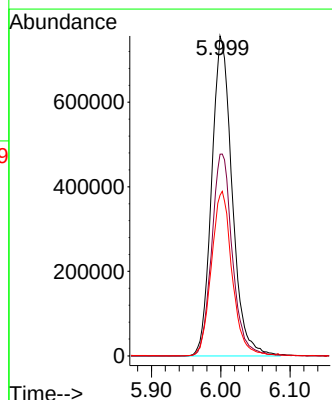
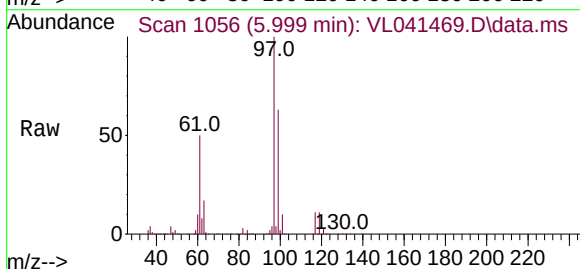
Tgt Ion: 97 Resp: 1549930

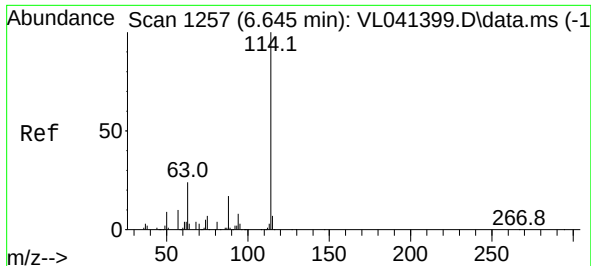
Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

61 52.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

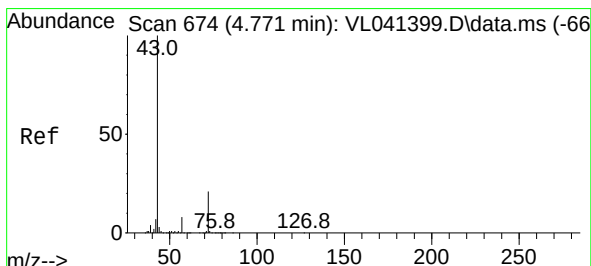
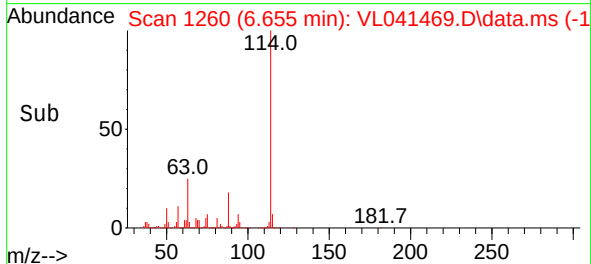
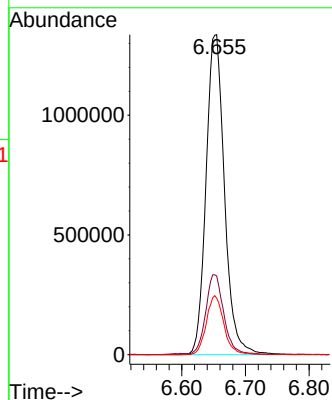
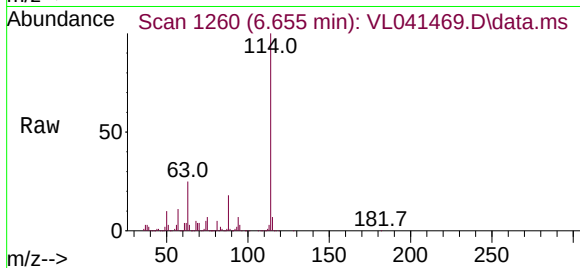
Tgt Ion:114 Resp: 2694005

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.6 14.3 21.5



#34

2-Butanone

Concen: 11.127 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041469.D

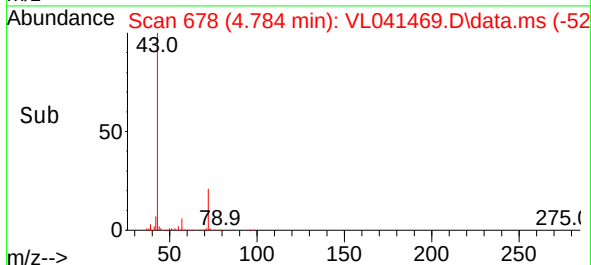
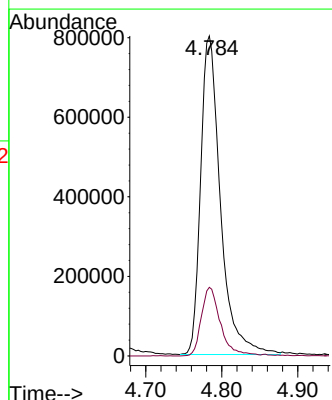
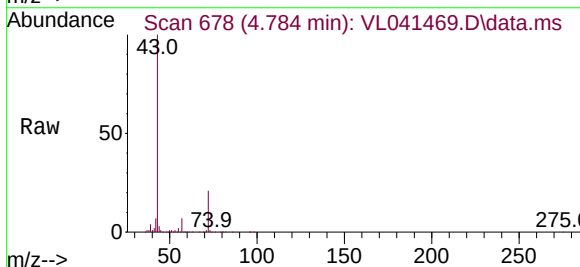
Acq: 1 Aug 2024 8:26

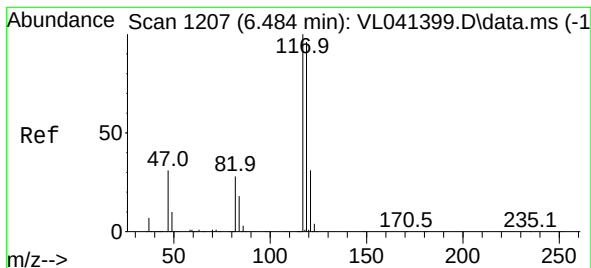
Tgt Ion: 43 Resp: 1450016

Ion Ratio Lower Upper

43 100

72 21.3 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.018 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

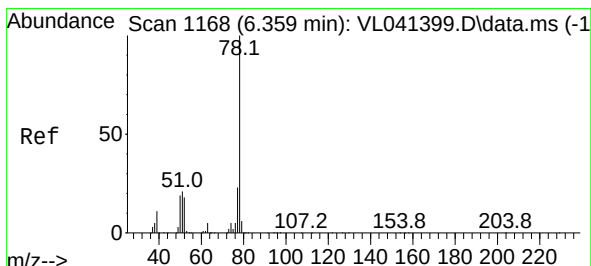
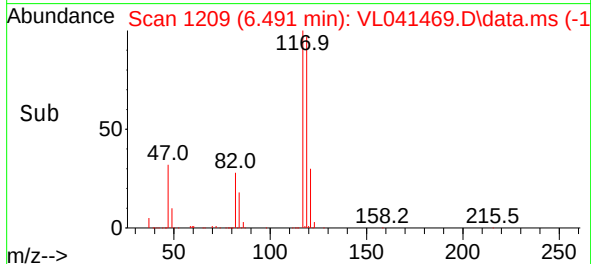
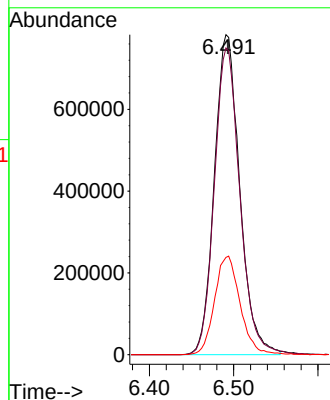
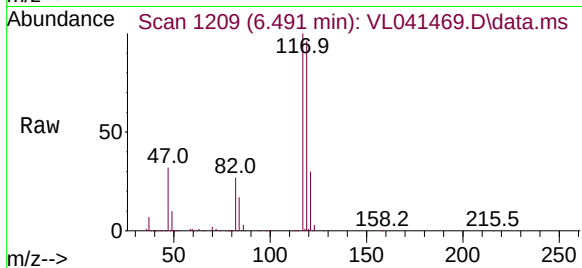
Tgt Ion:117 Resp: 1637128

Ion Ratio Lower Upper

117 100

119 95.9 76.6 115.0

121 30.4 25.1 37.7



#36

Benzene

Concen: 10.893 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

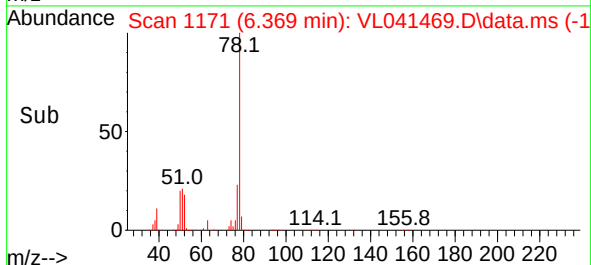
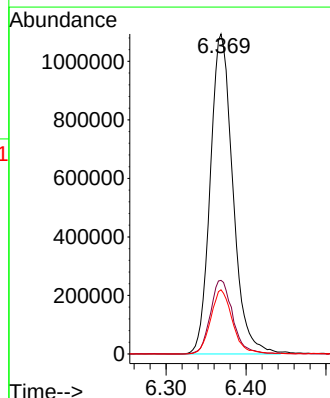
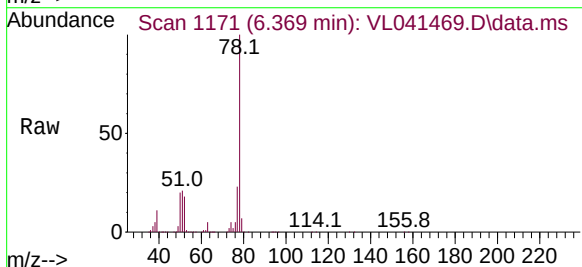
Tgt Ion: 78 Resp: 2144248

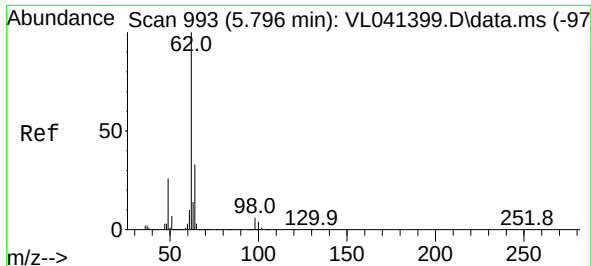
Ion Ratio Lower Upper

78 100

77 23.0 18.1 27.1

50 20.0 15.5 23.3

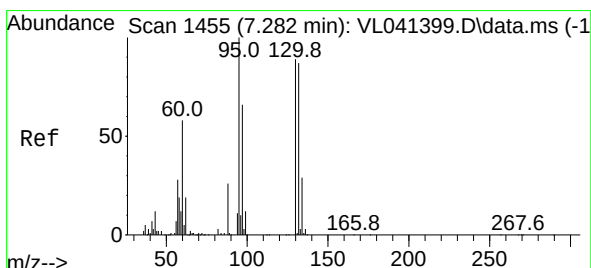
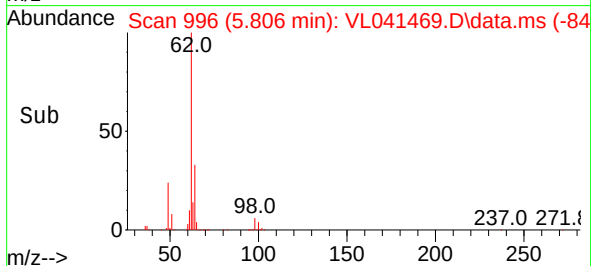
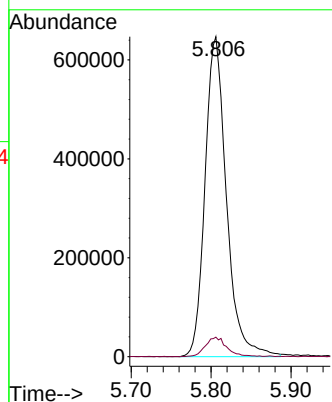
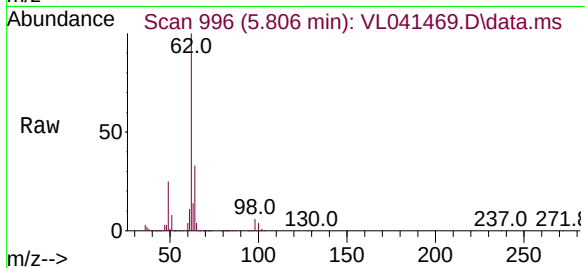




#37
1,2-Dichloroethane
Concen: 10.942 ppbv
RT: 5.806 min Scan# 993
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

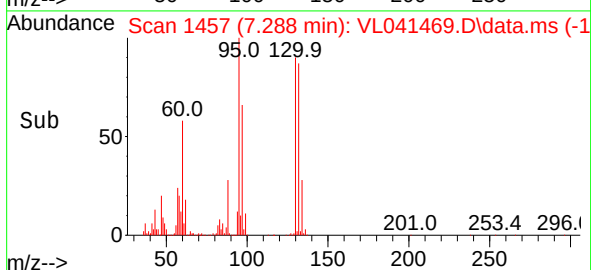
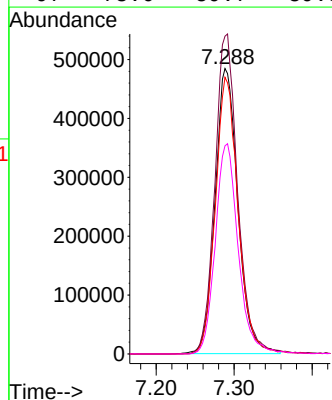
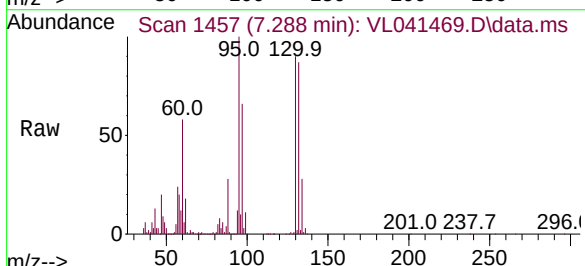
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

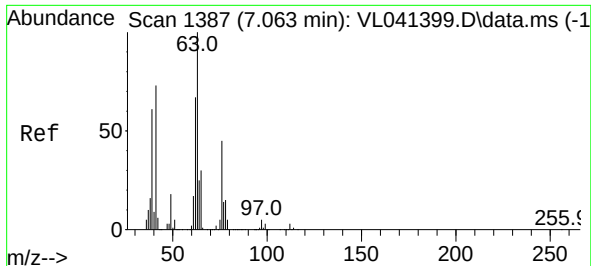
Tgt Ion: 62 Resp: 1205519
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.4



#38
Trichloroethene
Concen: 10.963 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:130 Resp: 988684
Ion Ratio Lower Upper
130 100
95 111.4 90.2 135.2
132 97.0 78.1 117.1
97 73.0 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.917 ppbv

RT: 7.070 min Scan# 1438

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

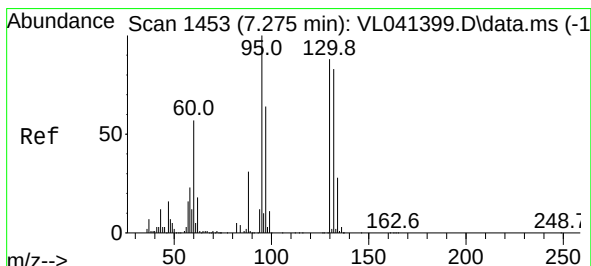
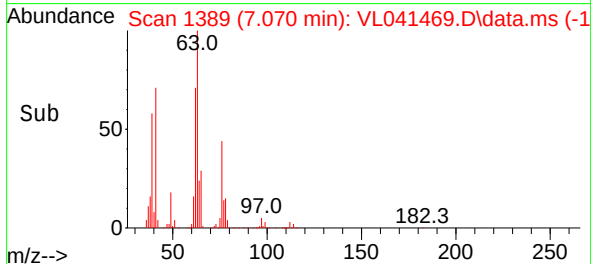
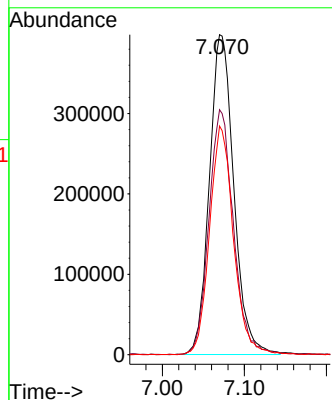
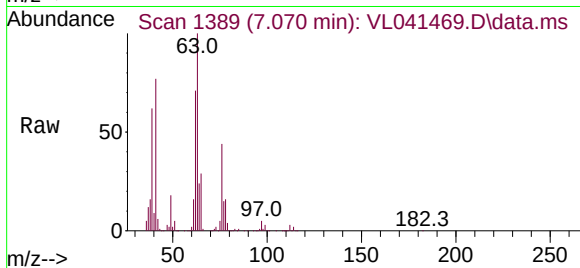
Tgt Ion: 63 Resp: 822720

Ion Ratio Lower Upper

63 100

41 76.4 58.3 87.5

62 71.4 53.9 80.9



#40

1,4-Dioxane

Concen: 11.527 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Tgt Ion: 88 Resp: 348979

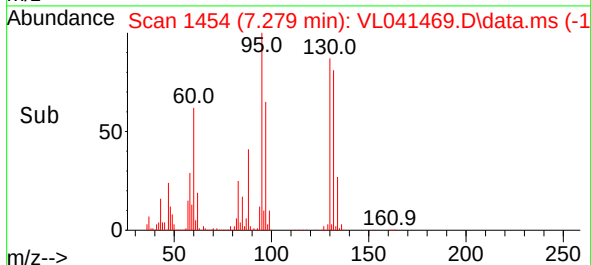
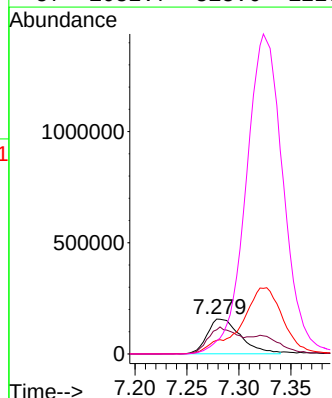
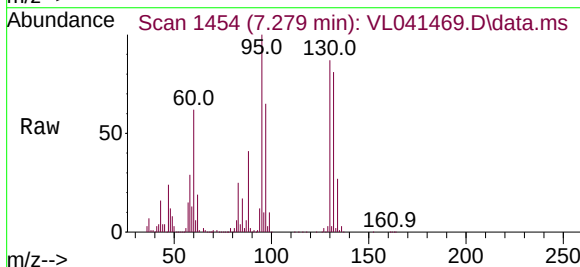
Ion Ratio Lower Upper

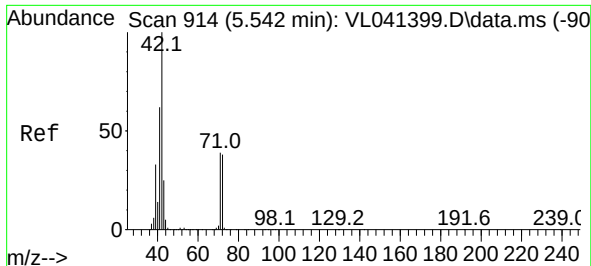
88 100

58 123.0 95.8 143.6

43 241.4 188.2 282.2

57 1032.7 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.434 ppbv

RT: 5.552 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

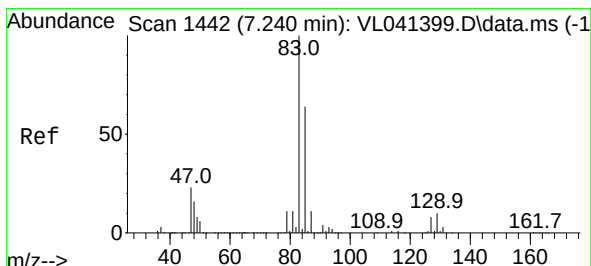
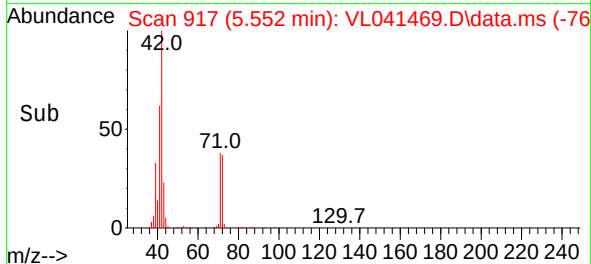
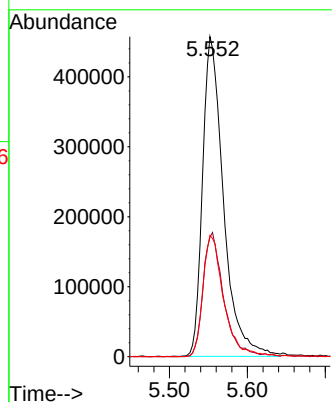
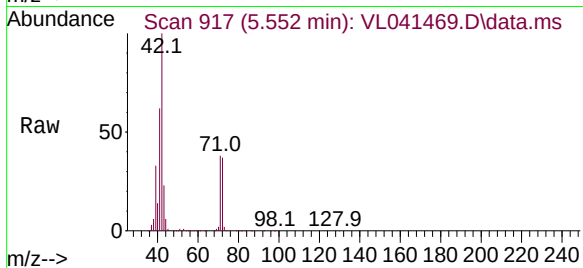
Tgt Ion: 42 Resp: 852230

Ion Ratio Lower Upper

42 100

72 38.5 31.2 46.8

71 38.2 30.5 45.7



#42

Bromodichloromethane

Concen: 10.891 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

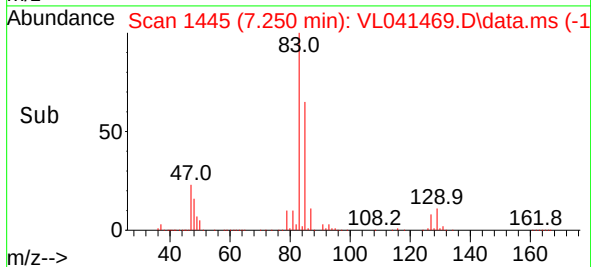
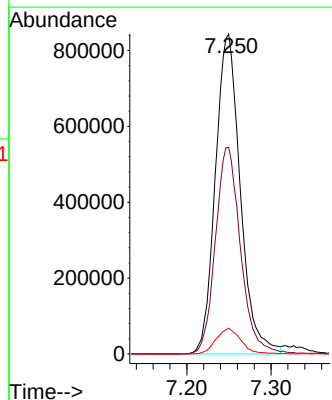
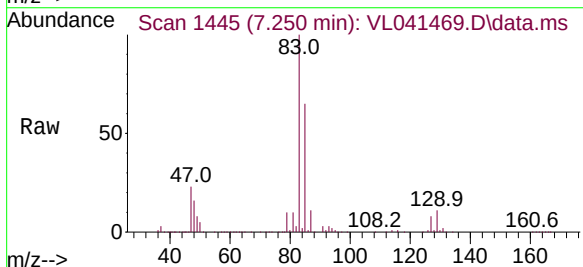
Tgt Ion: 83 Resp: 1732711

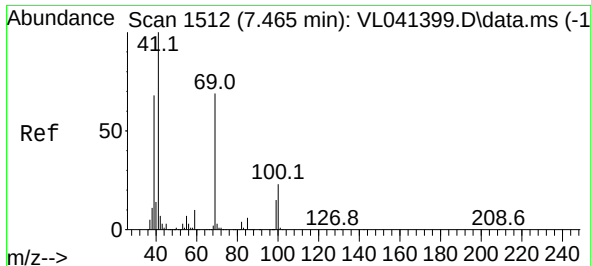
Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

127 8.1 6.7 10.1





#43

Methyl Methacrylate

Concen: 11.951 ppbv

RT: 7.472 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

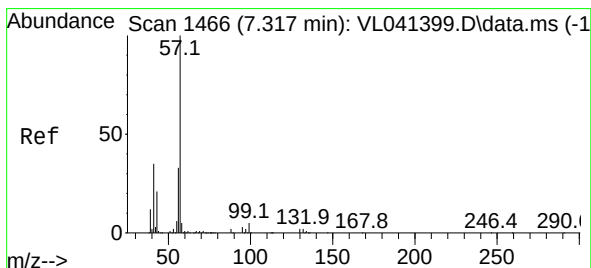
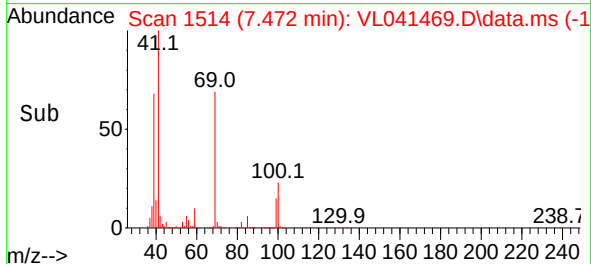
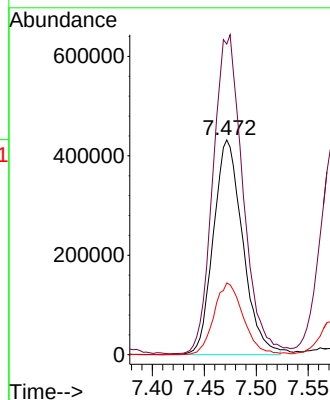
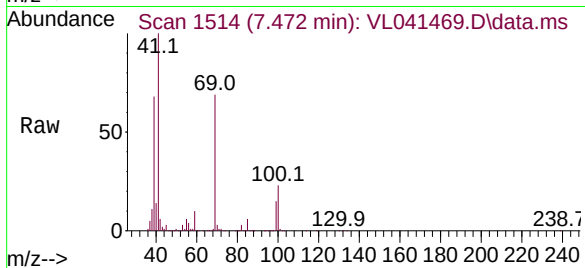
Tgt Ion: 69 Resp: 843632

Ion Ratio Lower Upper

69 100

41 153.3 118.7 178.1

100 33.6 27.0 40.4



#44

2,2,4-Trimethylpentane

Concen: 10.951 ppbv

RT: 7.324 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

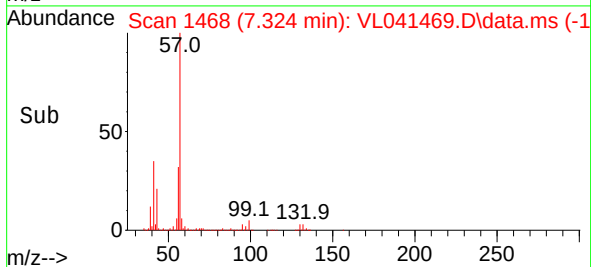
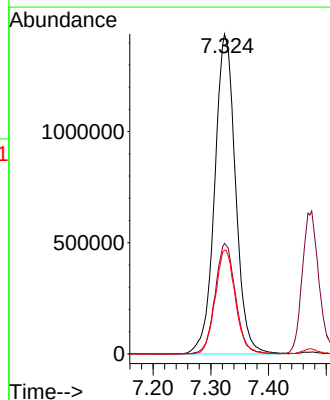
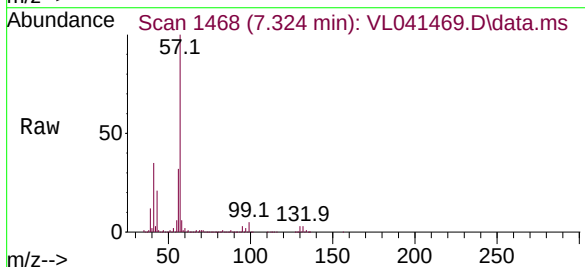
Tgt Ion: 57 Resp: 3600389

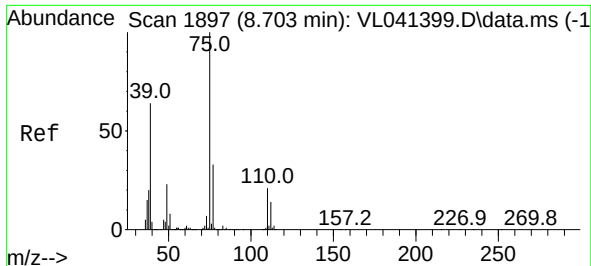
Ion Ratio Lower Upper

57 100

41 33.9 27.0 40.6

56 31.6 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 13.352 ppbv

RT: 8.709 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

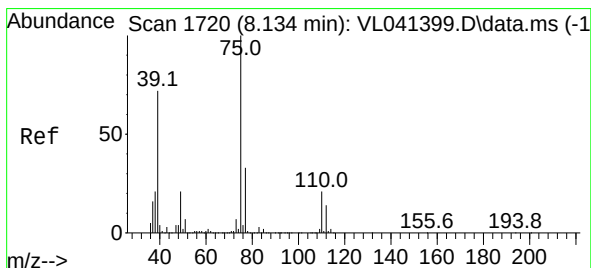
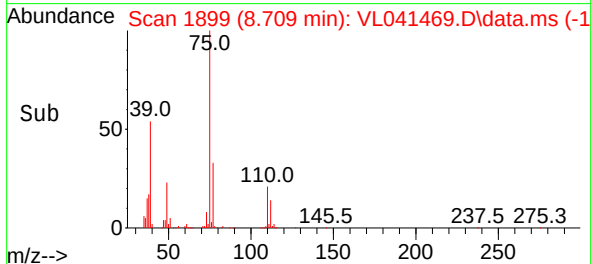
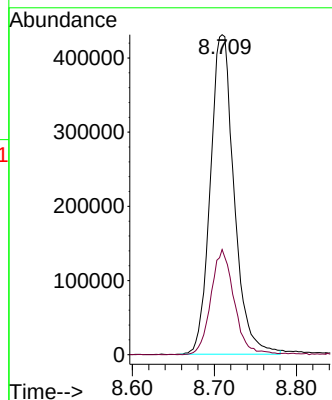
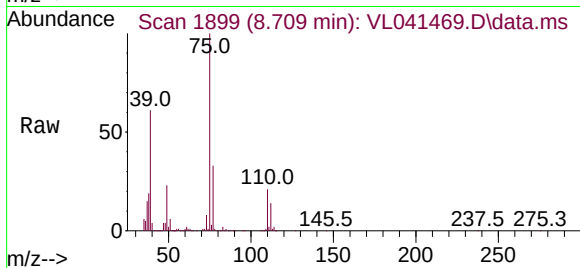
VSTDCCC010

Tgt Ion: 75 Resp: 867487

Ion Ratio Lower Upper

75 100

77 32.9 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 12.331 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

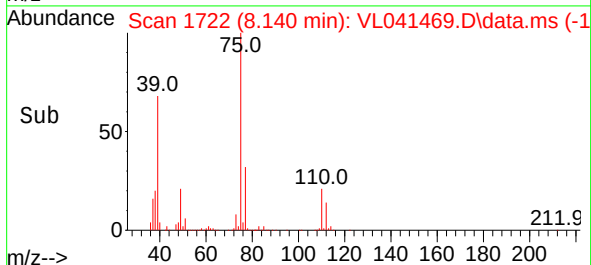
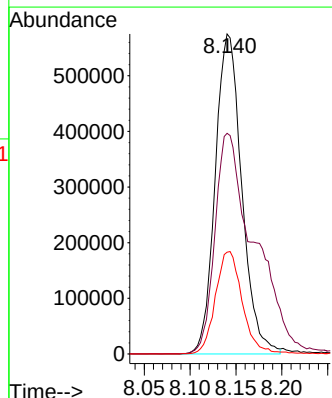
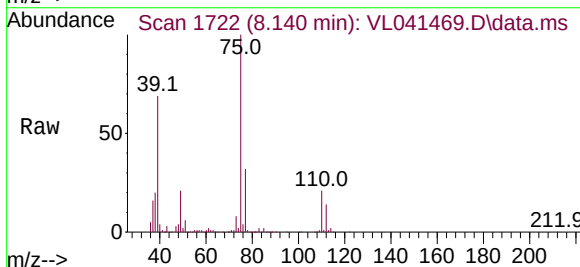
Tgt Ion: 75 Resp: 1156968

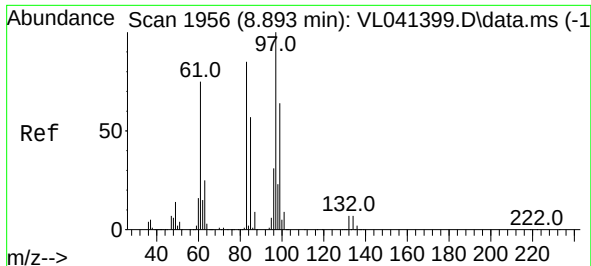
Ion Ratio Lower Upper

75 100

39 68.9 57.3 85.9

77 31.8 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.850 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 901356

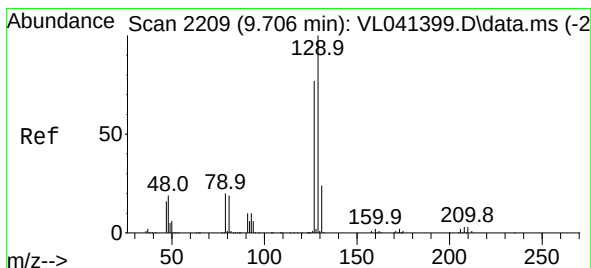
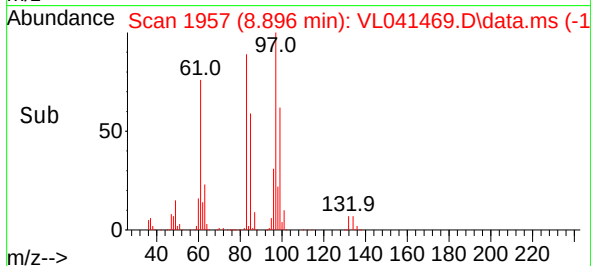
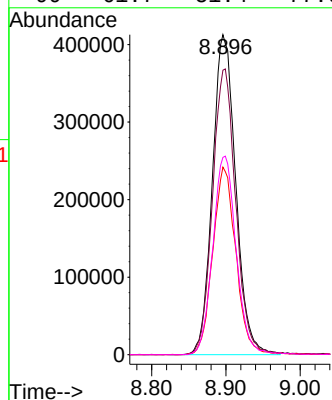
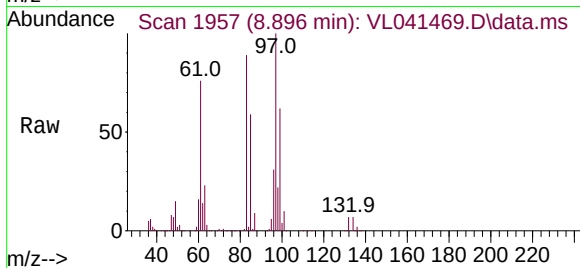
Ion Ratio Lower Upper

97 100

83 88.8 67.6 101.4

85 58.6 45.9 68.9

99 61.7 51.4 77.0



#48

Dibromochloromethane

Concen: 11.312 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL041469.D

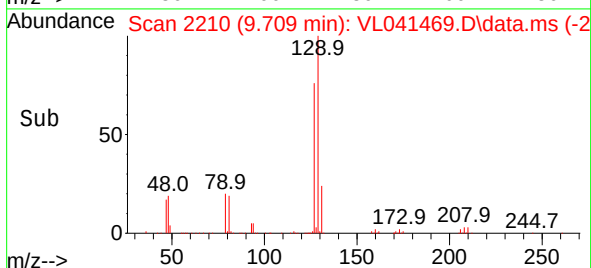
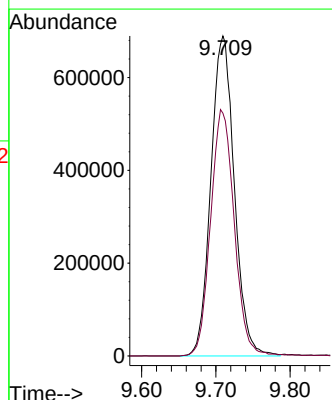
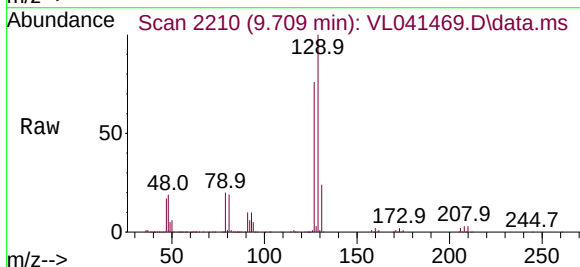
Acq: 1 Aug 2024 8:26

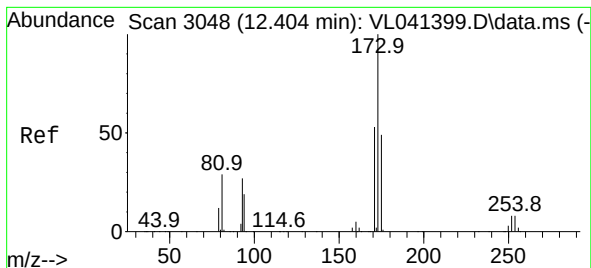
Tgt Ion:129 Resp: 1513890

Ion Ratio Lower Upper

129 100

127 77.9 39.3 117.8





#49

Bromoform

Concen: 11.770 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

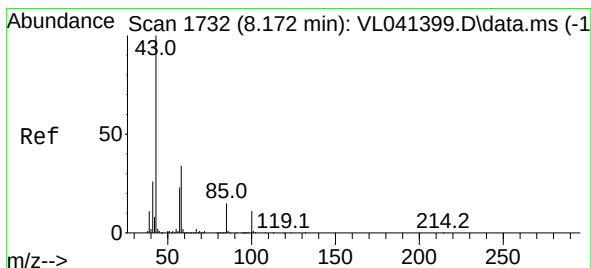
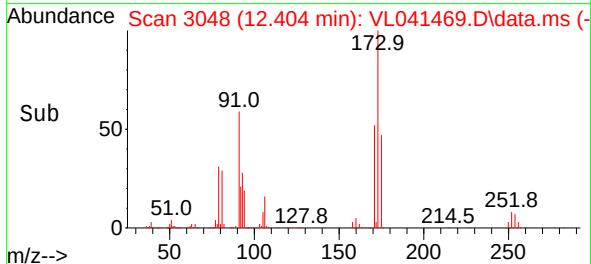
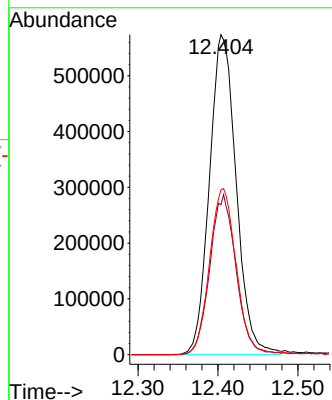
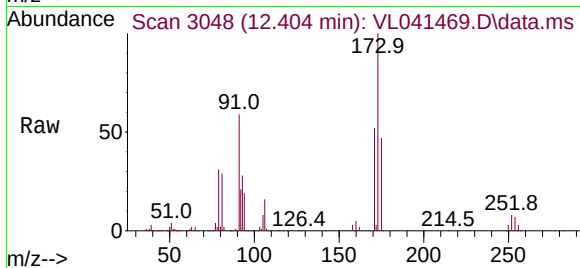
Tgt Ion:173 Resp: 1330550

Ion Ratio Lower Upper

173 100

175 49.3 39.9 59.9

171 52.2 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.615 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041469.D

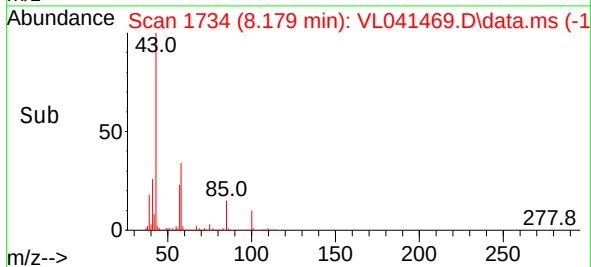
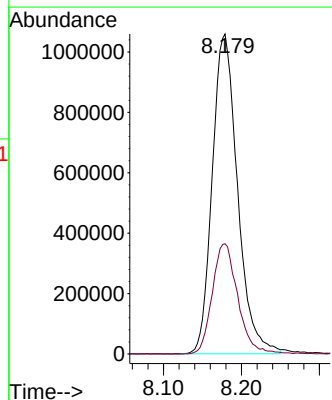
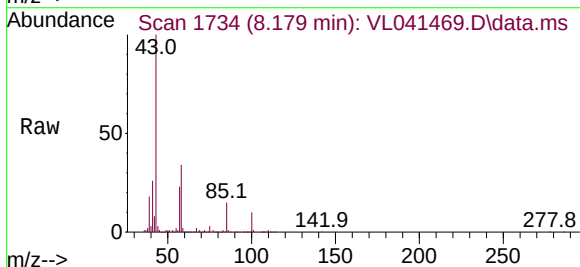
Acq: 1 Aug 2024 8:26

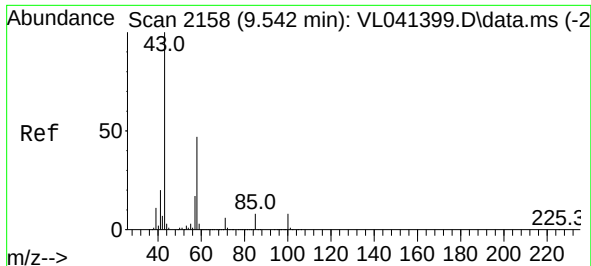
Tgt Ion: 43 Resp: 2388067

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9

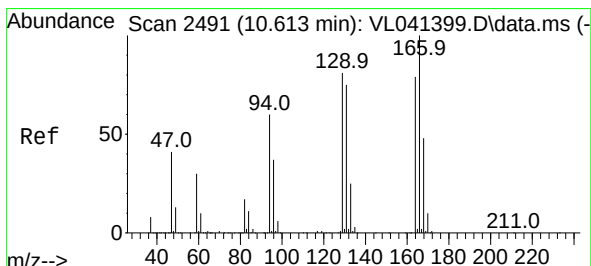
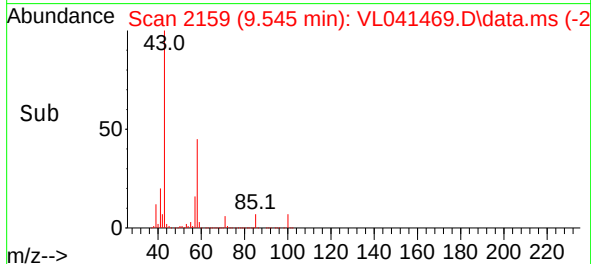
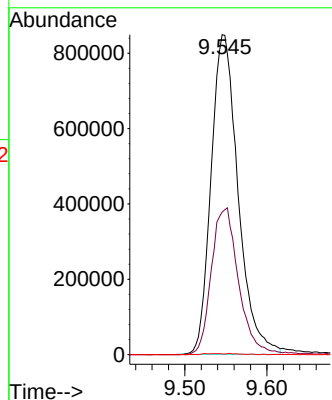
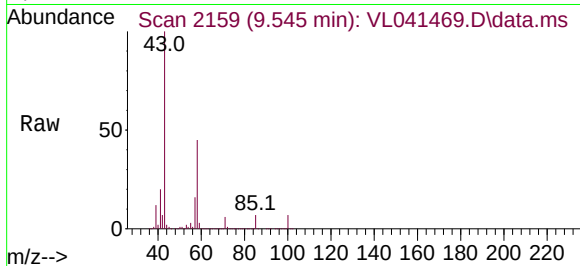




#51
2-Hexanone
Concen: 12.490 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

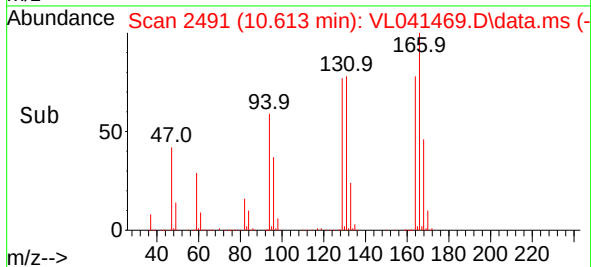
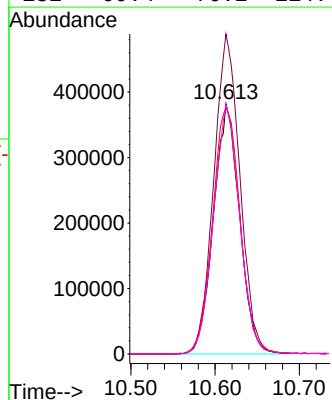
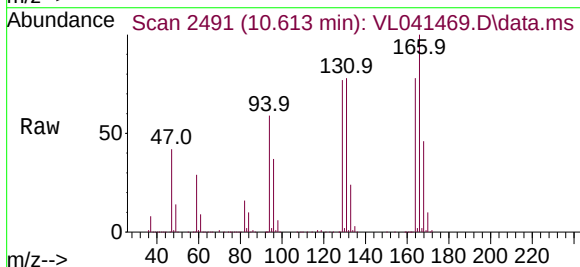
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

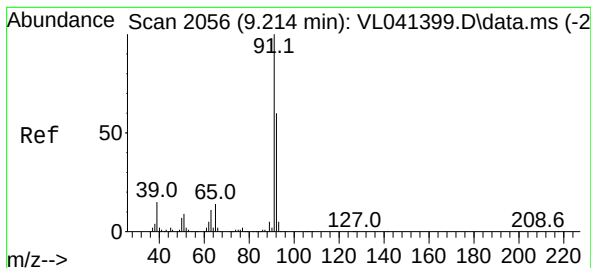
Tgt Ion: 43 Resp: 1941778
Ion Ratio Lower Upper
43 100
58 46.8 38.2 57.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.762 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:164 Resp: 818556
Ion Ratio Lower Upper
164 100
166 127.8 101.1 151.7
129 98.4 81.7 122.5
131 99.4 76.2 114.4





#53

Toluene

Concen: 11.503 ppbv

RT: 9.221 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

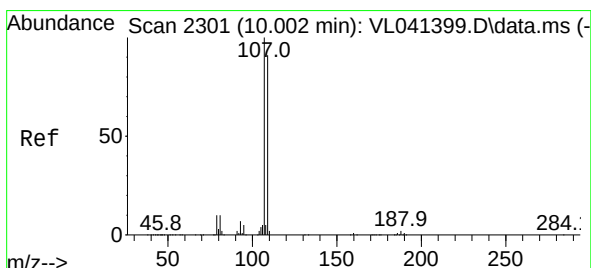
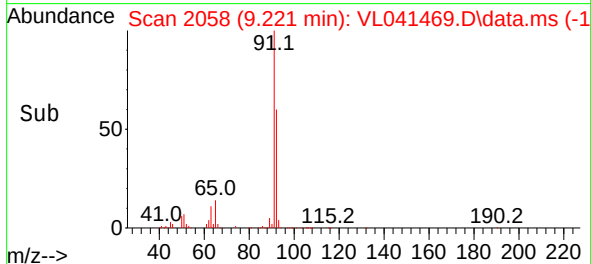
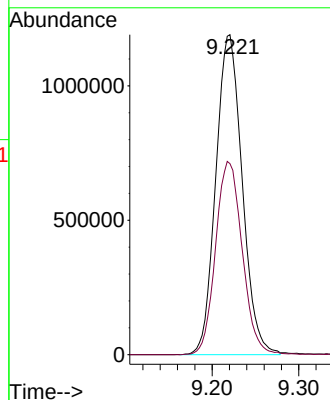
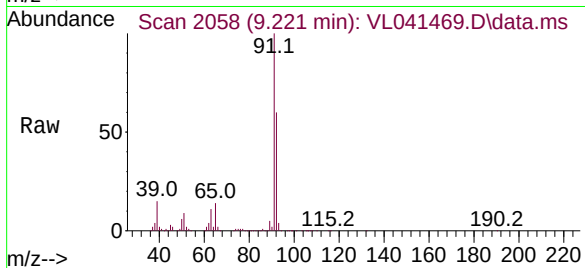
VSTDCCC010

Tgt Ion: 91 Resp: 2522110

Ion Ratio Lower Upper

91 100

92 61.0 48.7 73.1



#54

1,2-Dibromoethane

Concen: 11.769 ppbv

RT: 10.008 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VL041469.D

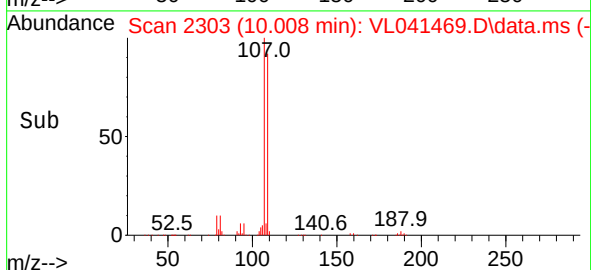
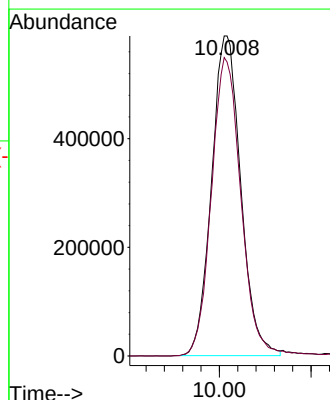
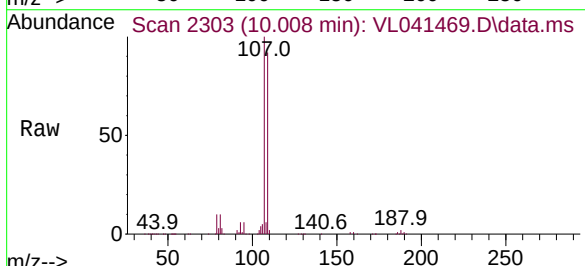
Acq: 1 Aug 2024 8:26

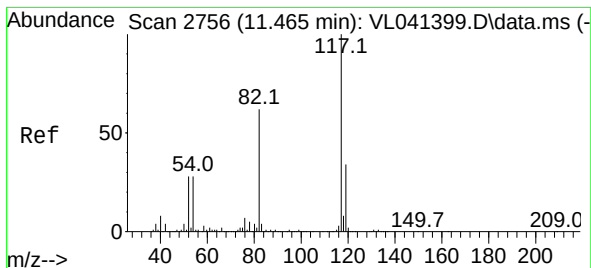
Tgt Ion:107 Resp: 1301300

Ion Ratio Lower Upper

107 100

109 91.8 72.7 109.1

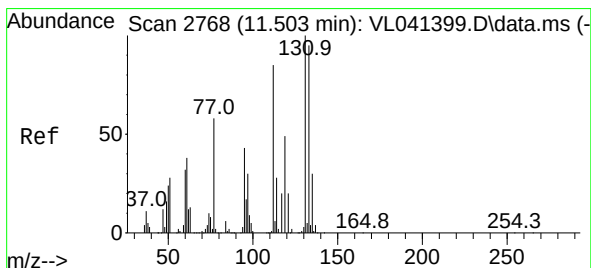
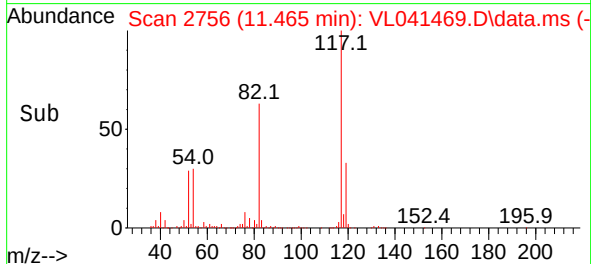
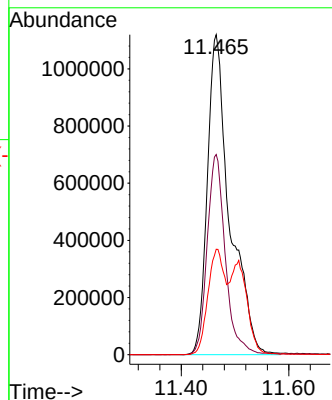
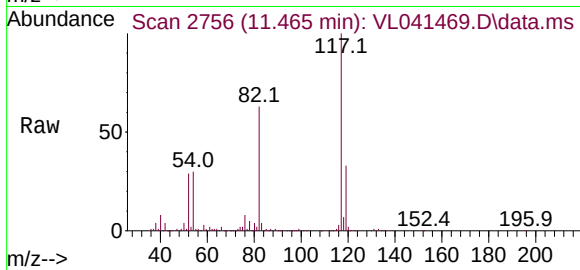




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

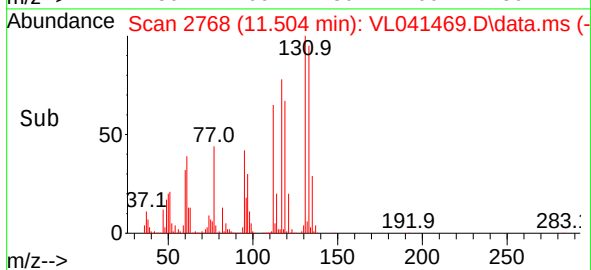
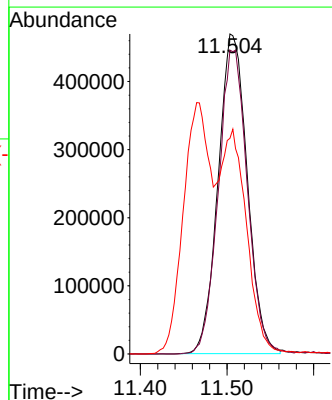
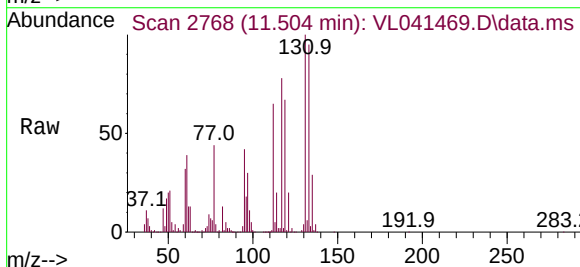
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

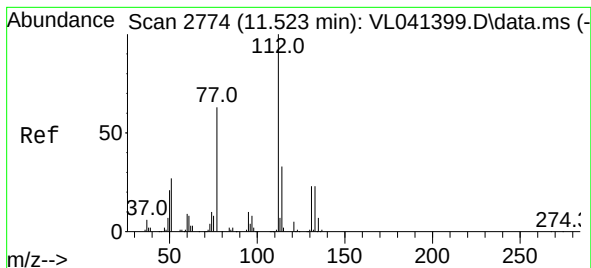
Tgt Ion:117 Resp: 3236096
Ion Ratio Lower Upper
117 100
82 51.2 51.0 76.6
119 24.4 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.730 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:131 Resp: 1095567
Ion Ratio Lower Upper
131 100
133 95.2 77.0 115.4
119 67.4 121.5 182.3#

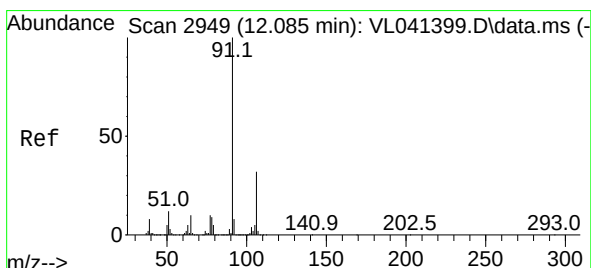
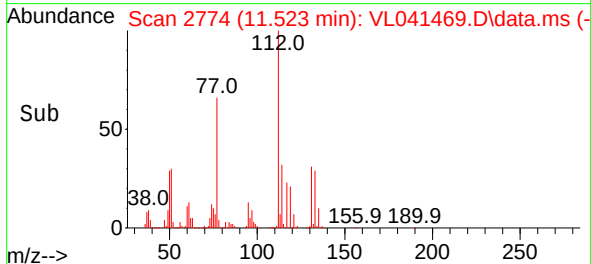
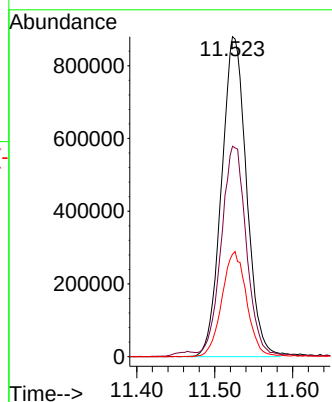
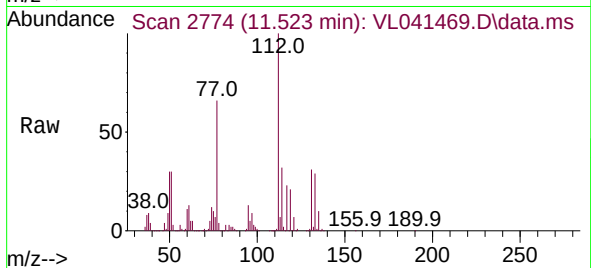




#57
Chlorobenzene
Concen: 8.494 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

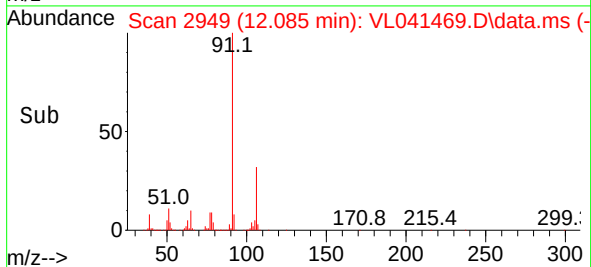
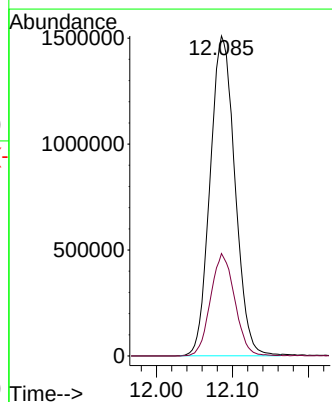
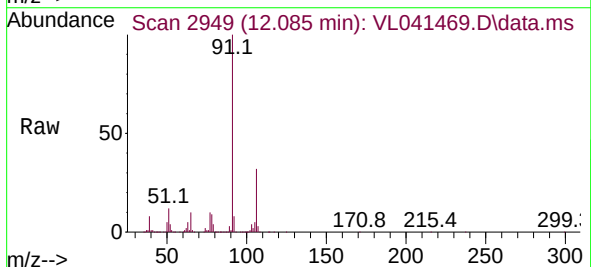
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

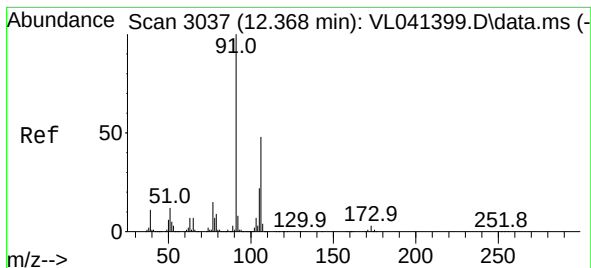
Tgt Ion:112 Resp: 1956993
Ion Ratio Lower Upper
112 100
77 65.0 51.1 76.7
114 32.1 29.5 36.1



#58
Ethyl Benzene
Concen: 9.184 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 3425464
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8

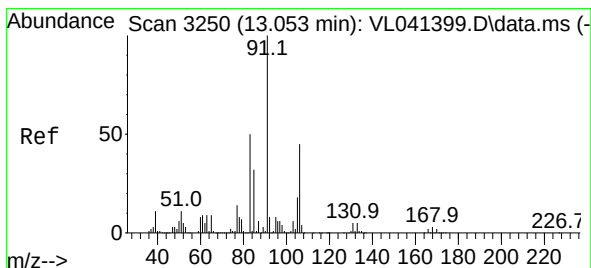
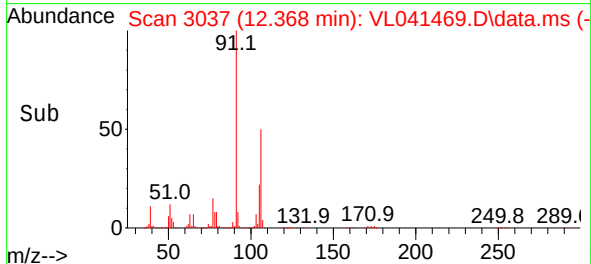
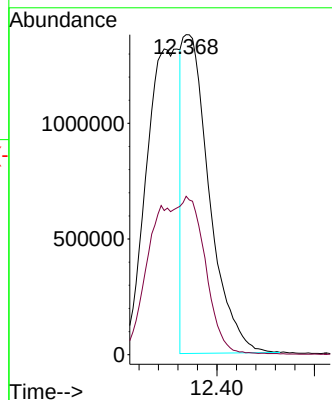
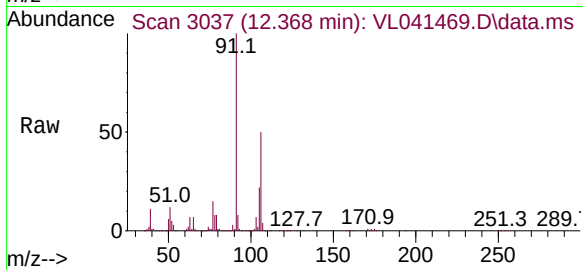




#59
m/p-Xylene
Concen: 8.225 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

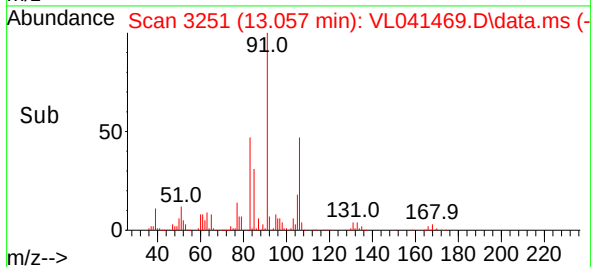
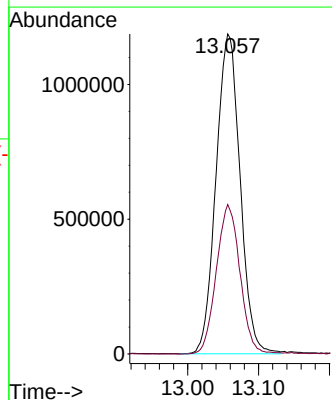
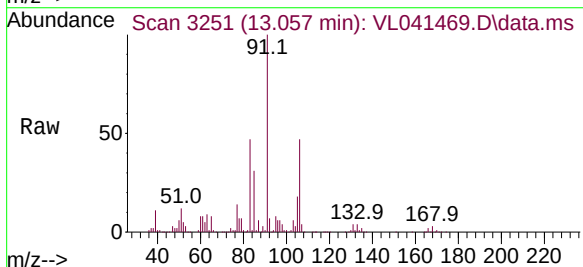
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

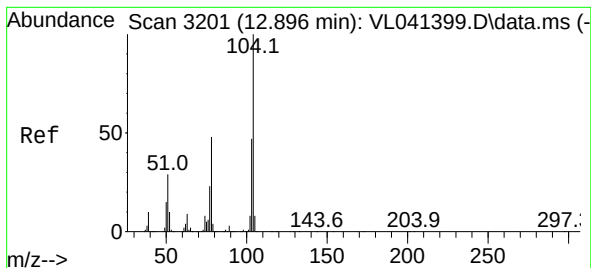
Tgt Ion: 91 Resp: 2648354
Ion Ratio Lower Upper
91 100
106 100.8 36.3 54.5#



#60
o-Xylene
Concen: 9.192 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 2799755
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61

Styrene

Concen: 10.000 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

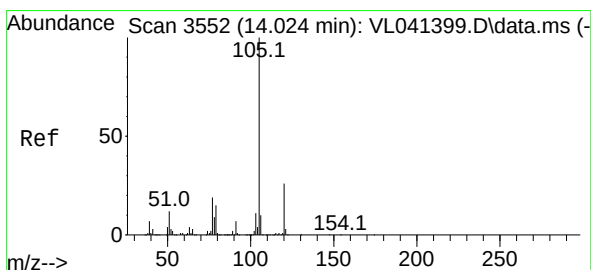
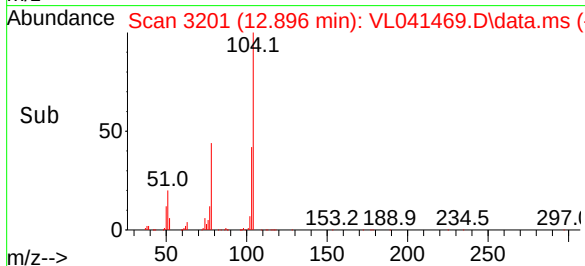
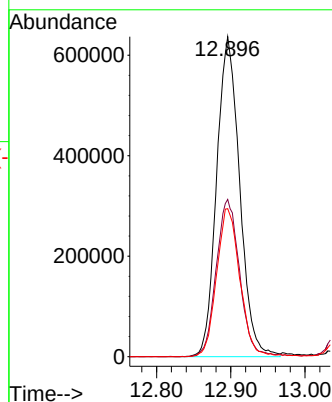
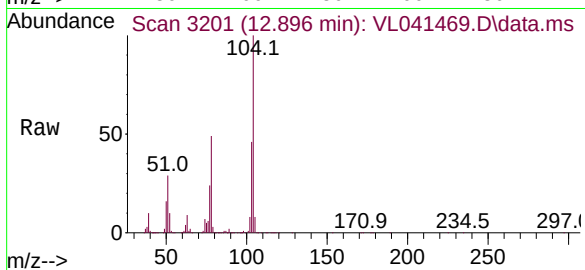
Tgt Ion:104 Resp: 1374201

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 47.0 38.2 57.4



#62

Isopropylbenzene

Concen: 8.773 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041469.D

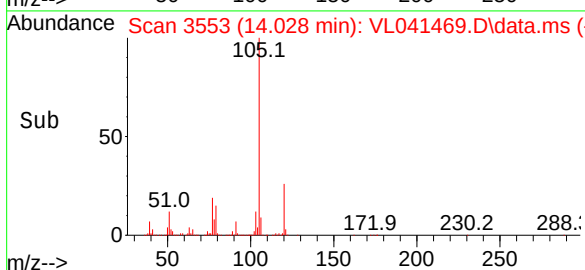
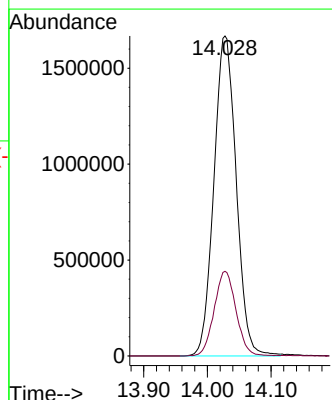
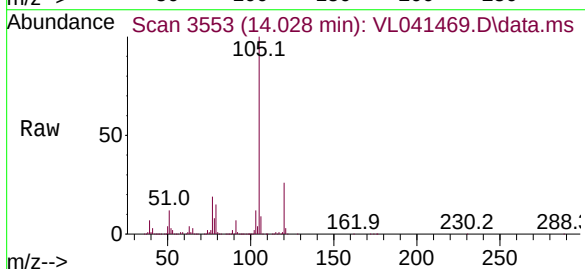
Acq: 1 Aug 2024 8:26

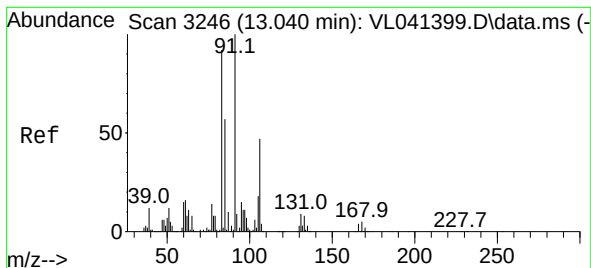
Tgt Ion:105 Resp: 4062180

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

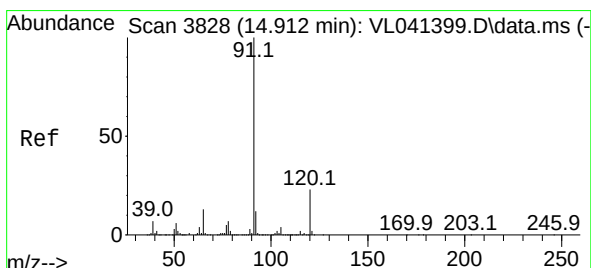
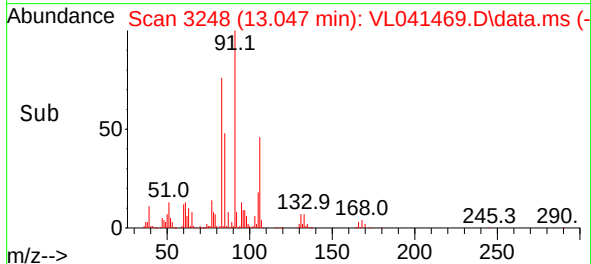
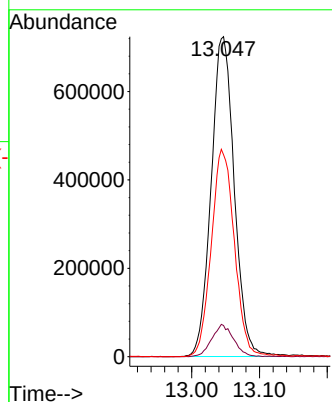
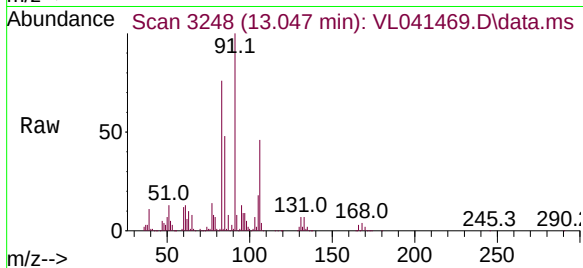




#63
1,1,2,2-Tetrachloroethane
Concen: 8.923 ppbv
RT: 13.047 min Scan# 3246
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

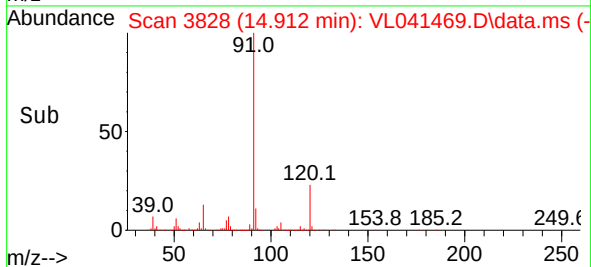
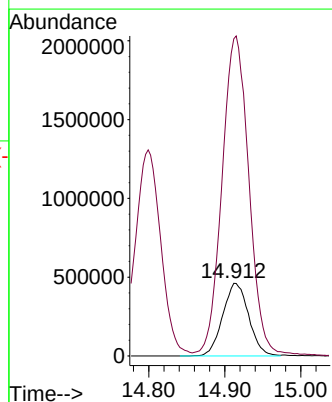
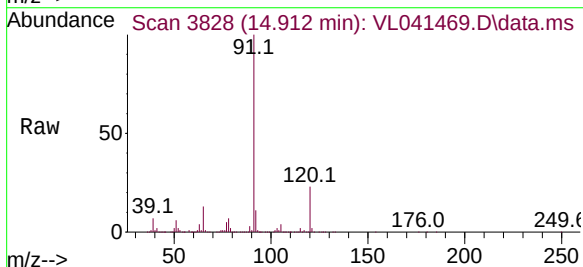
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

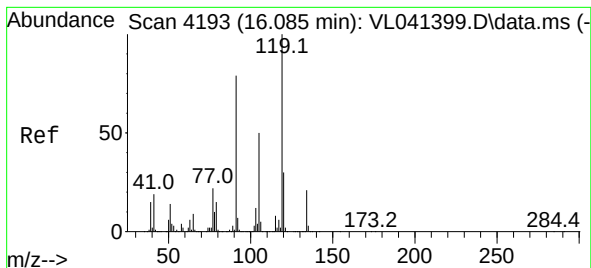
Tgt Ion: 83 Resp: 1716233
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.4 32.6 98.0



#64
n-propylbenzene
Concen: 9.031 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:120 Resp: 1093284
Ion Ratio Lower Upper
120 100
91 458.9 361.4 542.0

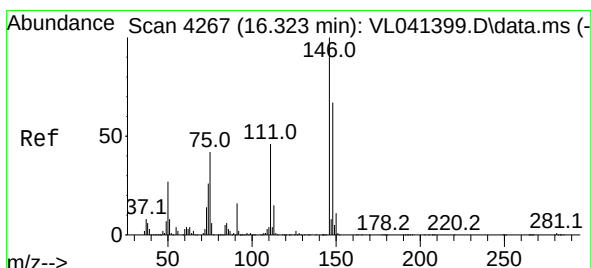
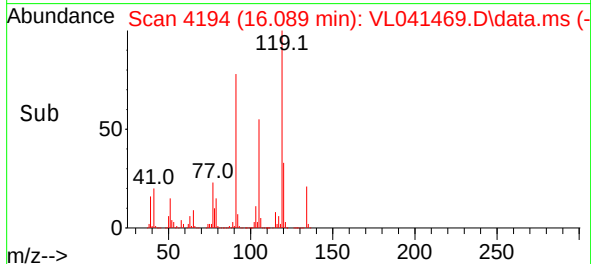
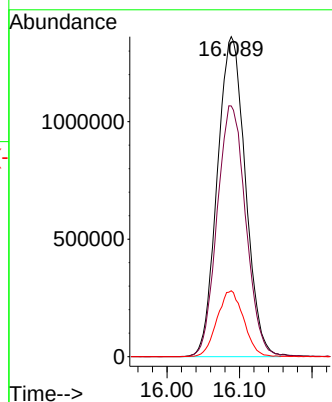
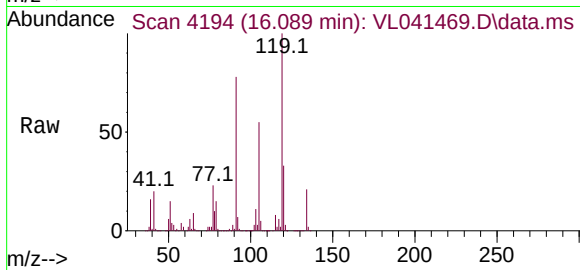




#65
tert-Butylbenzene
Concen: 8.762 ppbv
RT: 16.089 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

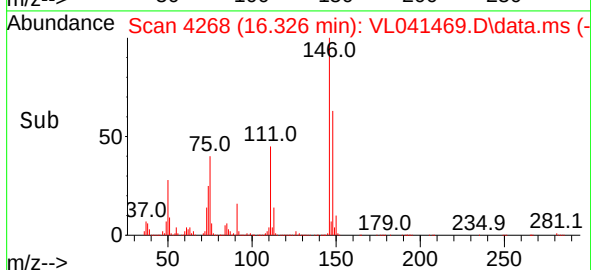
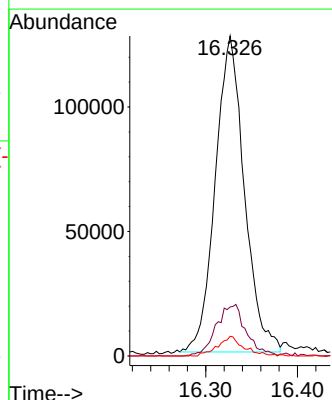
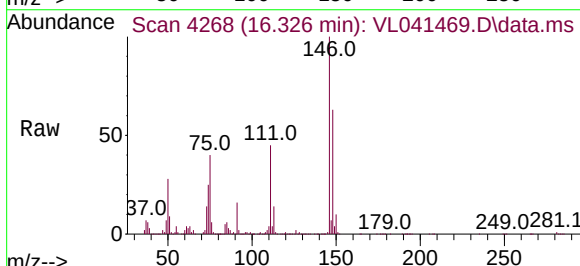
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

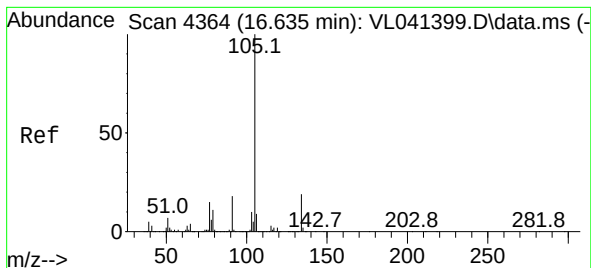
Tgt Ion:119 Resp: 3664775
Ion Ratio Lower Upper
119 100
91 80.1 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 10.414 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 279355
Ion Ratio Lower Upper
91 100
126 16.6 13.8 20.8
128 5.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 8.900 ppbv

RT: 16.632 min Scan# 4364

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

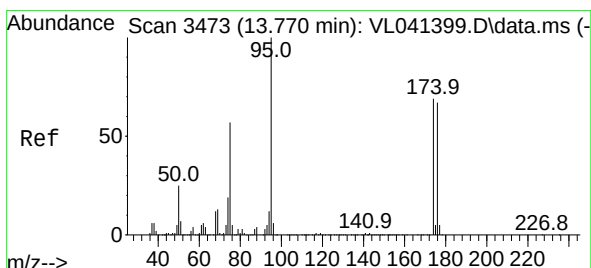
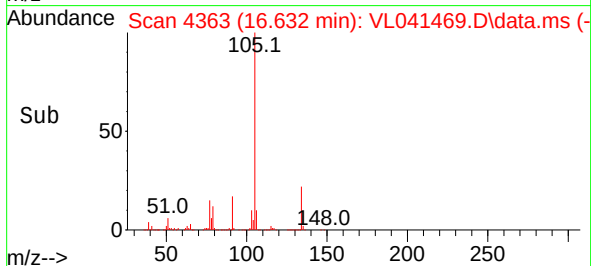
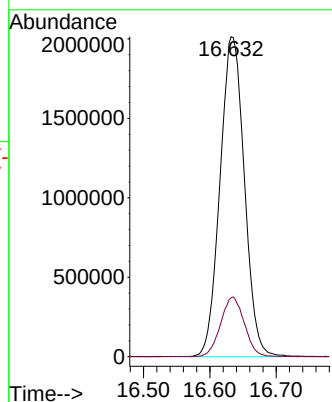
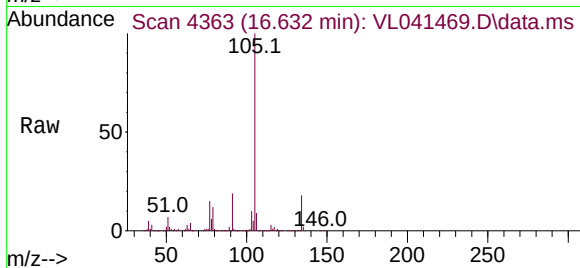
VSTDCCC010

Tgt Ion:105 Resp: 5128648

Ion Ratio Lower Upper

105 100

134 18.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.190 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

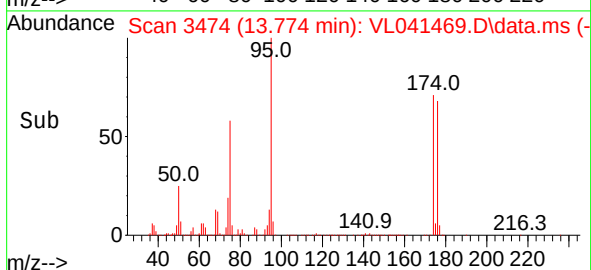
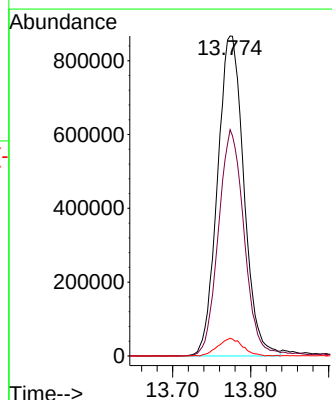
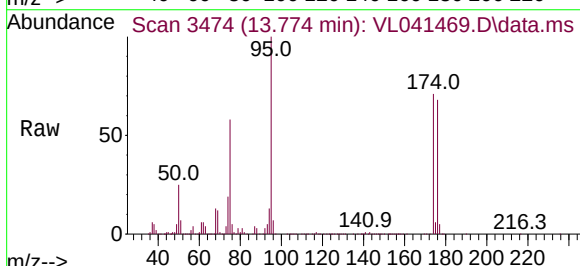
Tgt Ion: 95 Resp: 2039503

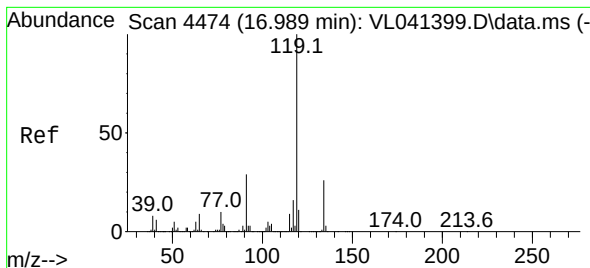
Ion Ratio Lower Upper

95 100

174 70.4 56.3 84.5

175 5.3 4.0 6.0

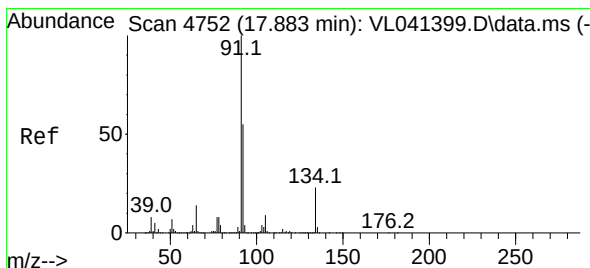
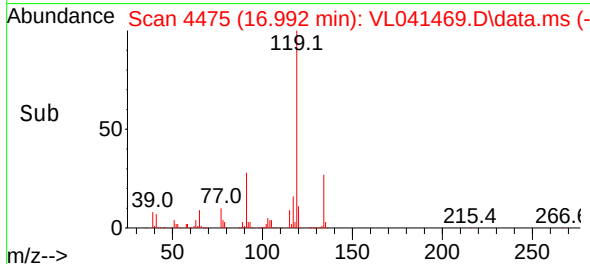
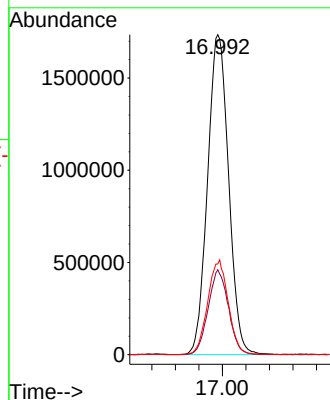
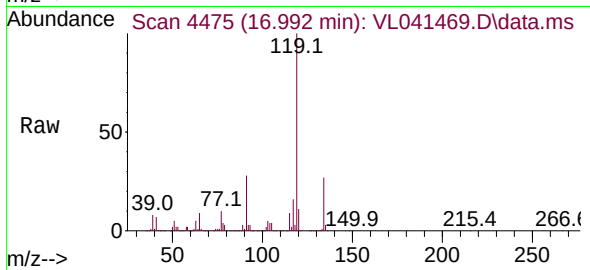




#69
p-Isopropyltoluene
Concen: 9.007 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

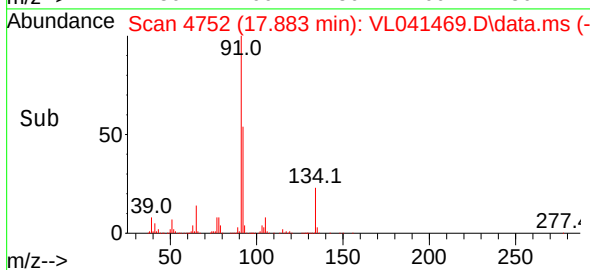
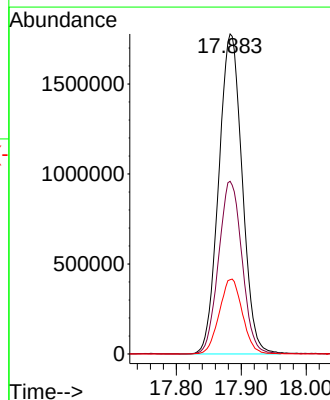
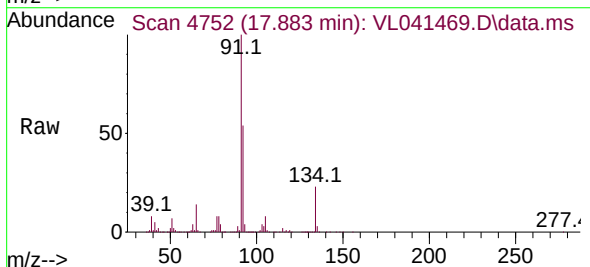
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

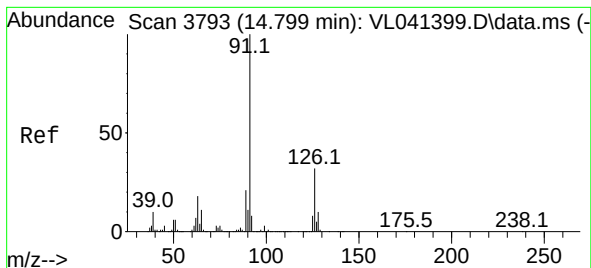
Tgt Ion:119 Resp: 4306845
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.9 23.2 34.8



#70
n-Butylbenzene
Concen: 9.074 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion: 91 Resp: 4448253
Ion Ratio Lower Upper
91 100
92 54.1 43.2 64.8
134 23.1 18.5 27.7

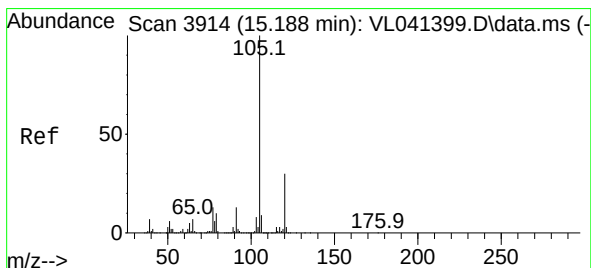
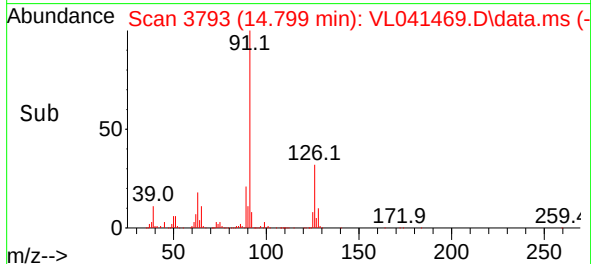
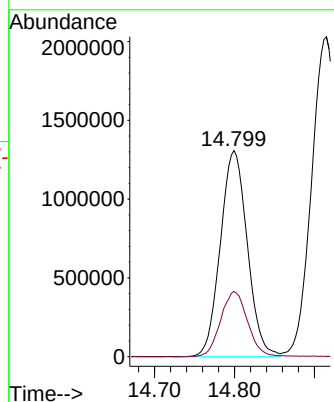
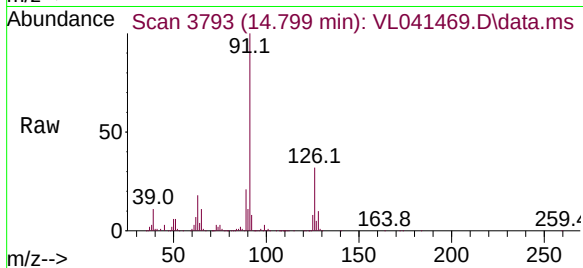




#71
2-Chlorotoluene
Concen: 8.964 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

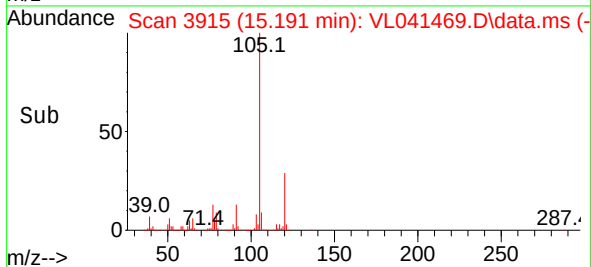
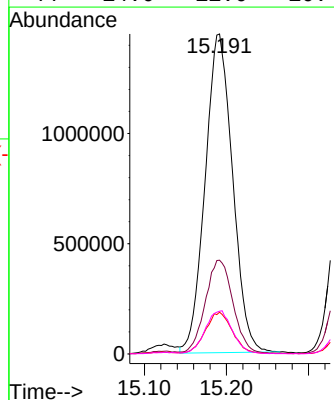
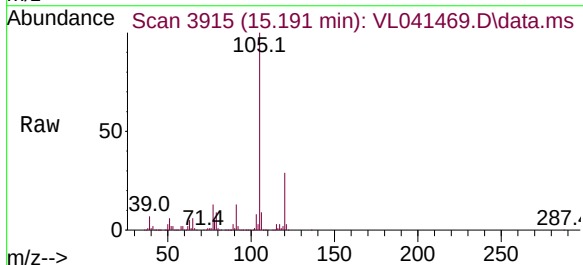
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

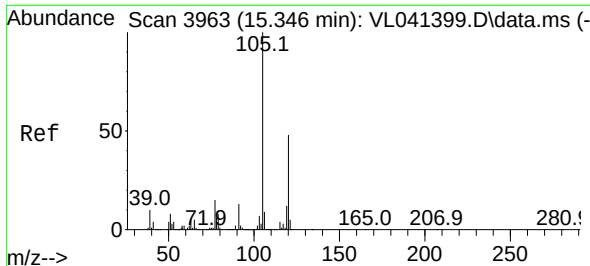
Tgt Ion: 91 Resp: 3061039
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.372 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:105 Resp: 3360877
Ion Ratio Lower Upper
105 100
120 30.9 24.2 36.2
91 13.5 10.4 15.6
77 14.0 11.0 16.4

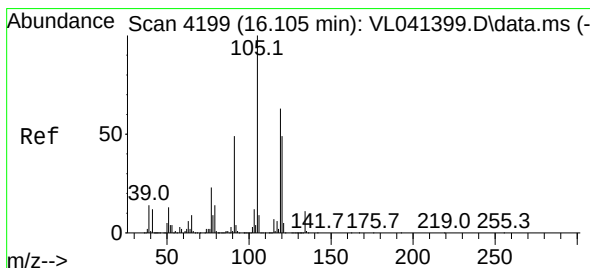
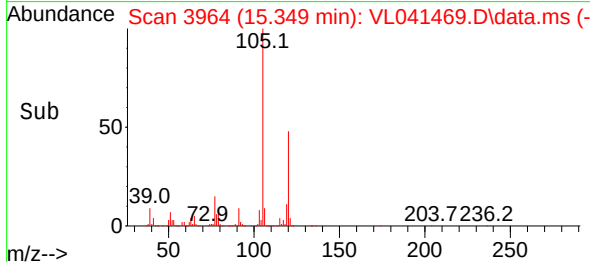
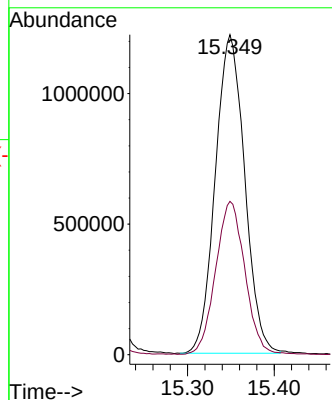
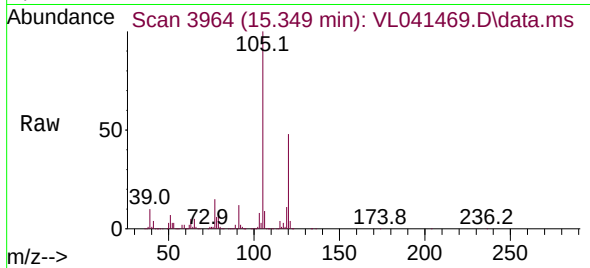




#73
 1,3,5-Trimethylbenzene
 Concen: 9.285 ppbv
 RT: 15.349 min Scan# 3963
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

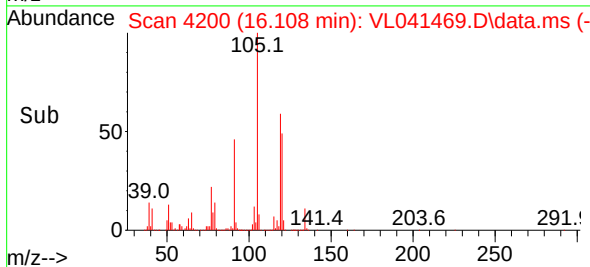
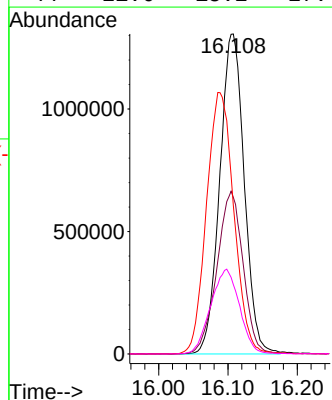
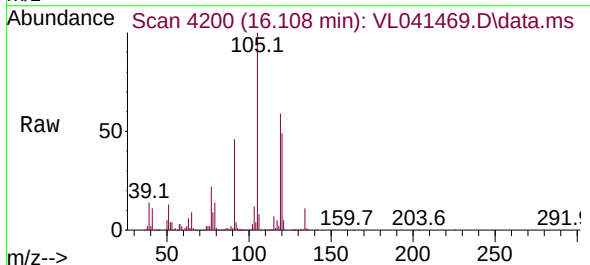
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

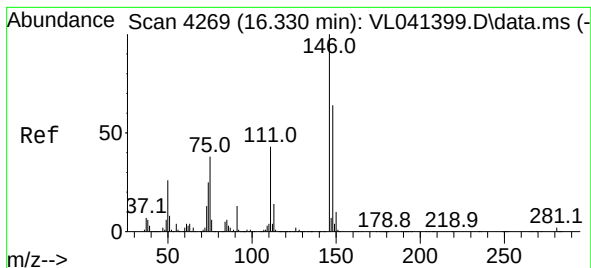
Tgt Ion:105 Resp: 2868332
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 8.923 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Tgt Ion:105 Resp: 3204898
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.5 59.3
 91 46.2 39.8 59.8
 77 21.6 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.825 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

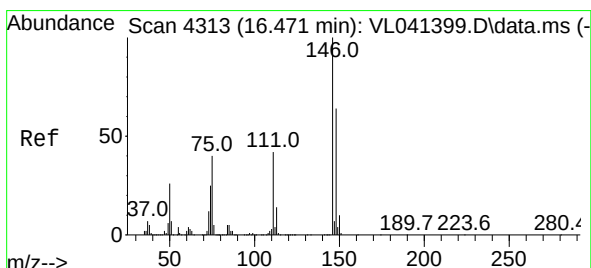
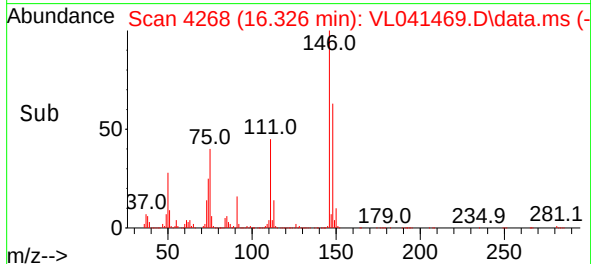
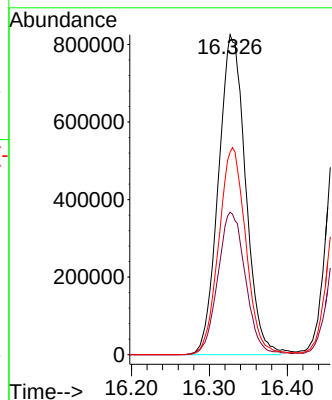
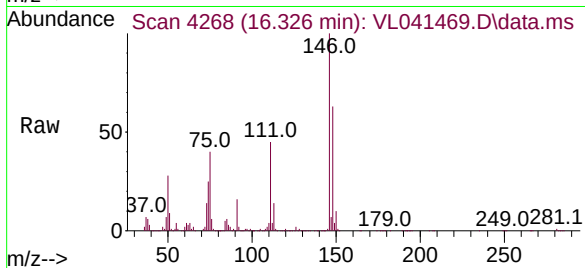
Tgt Ion:146 Resp: 1992371

Ion Ratio Lower Upper

146 100

111 45.4 22.6 67.8

148 64.9 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.875 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

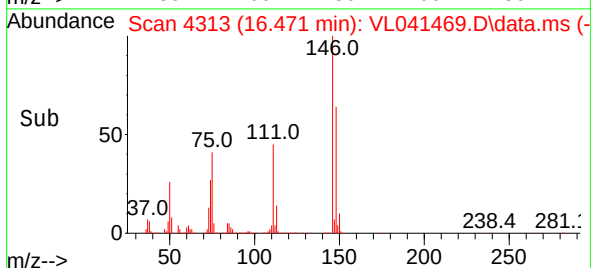
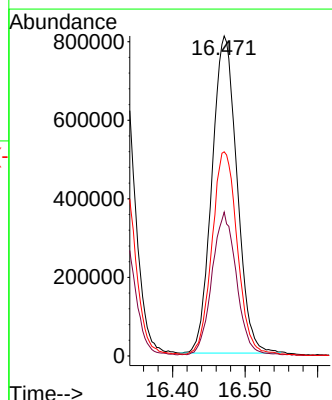
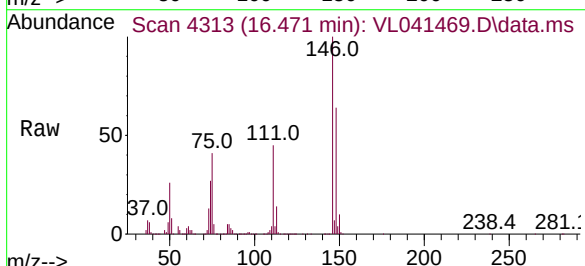
Tgt Ion:146 Resp: 1940194

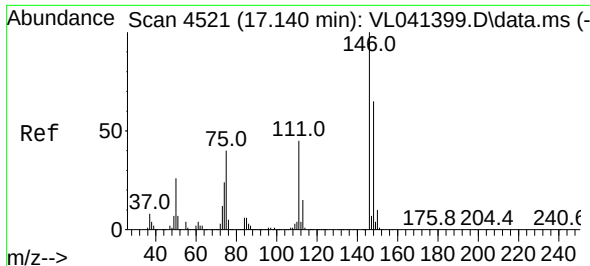
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 65.8 33.1 99.5

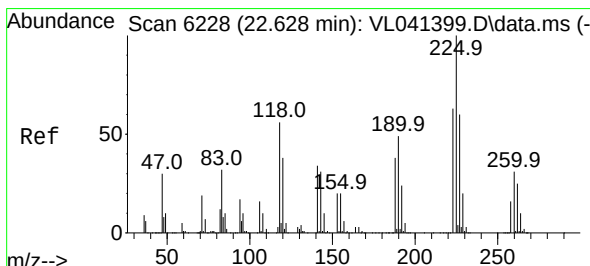
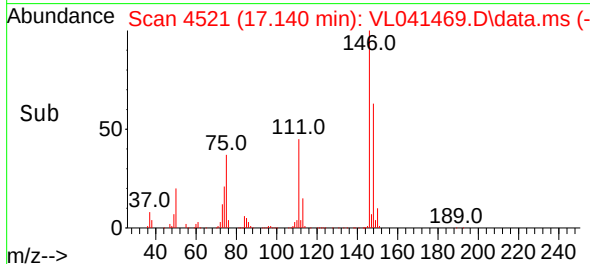
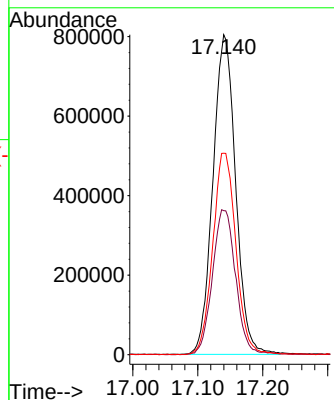
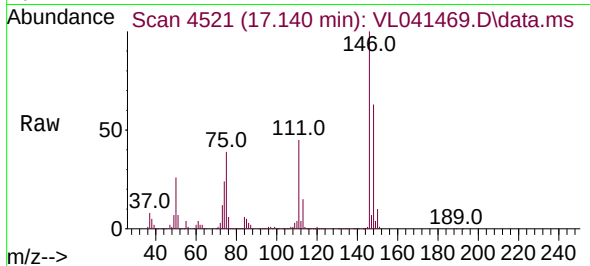




#77
1,2-Dichlorobenzene
Concen: 8.724 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

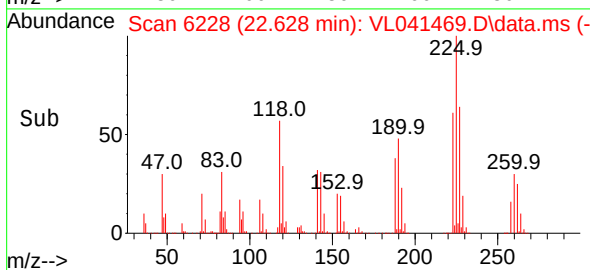
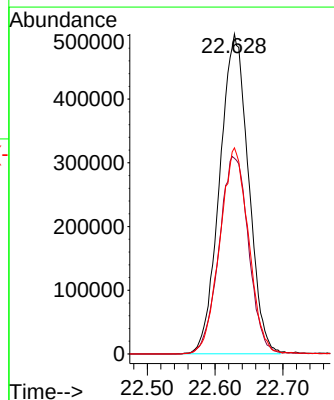
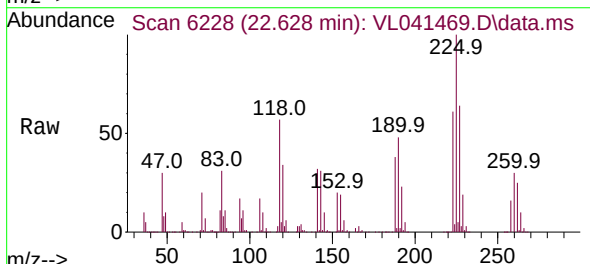
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

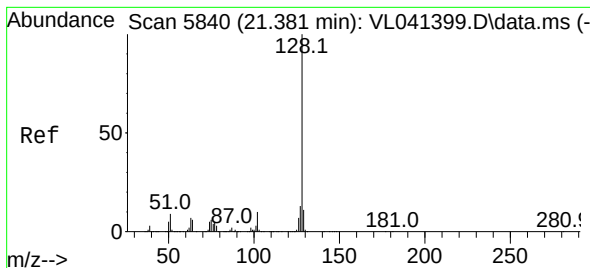
Tgt Ion:146 Resp: 1952482
Ion Ratio Lower Upper
146 100
111 46.5 23.4 70.0
148 64.2 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.752 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.000 min
Lab File: VL041469.D
Acq: 1 Aug 2024 8:26

Tgt Ion:225 Resp: 1479561
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 64.7 50.8 76.2





#79

Naphthalene

Concen: 10.546 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

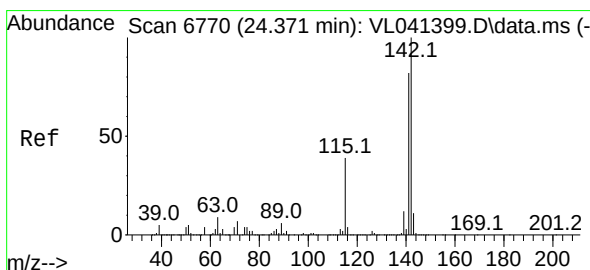
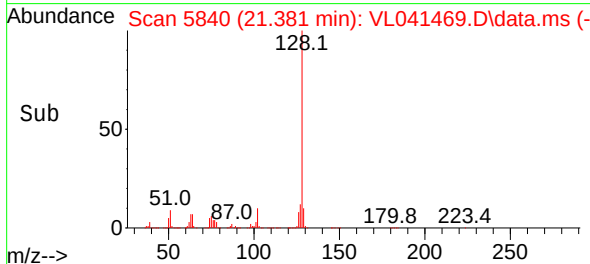
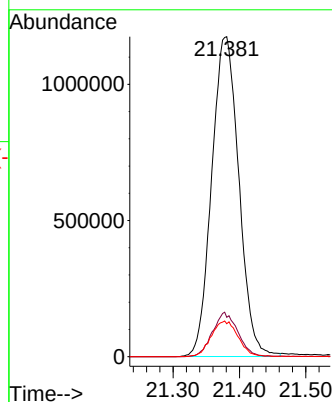
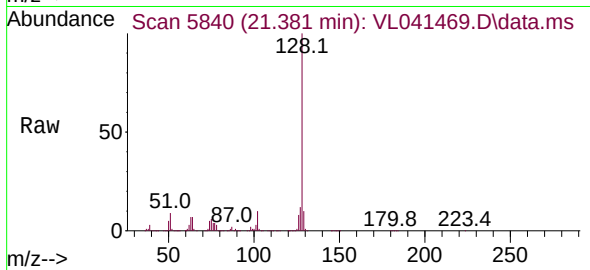
Tgt Ion:128 Resp: 3343125

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 10.3 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.607 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.000 min

Lab File: VL041469.D

Acq: 1 Aug 2024 8:26

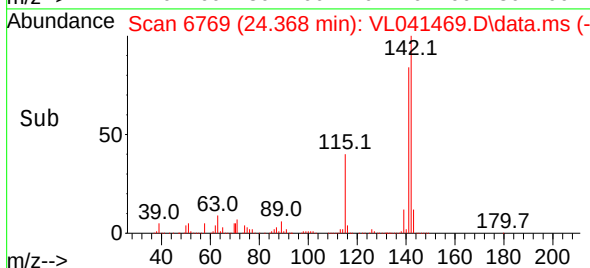
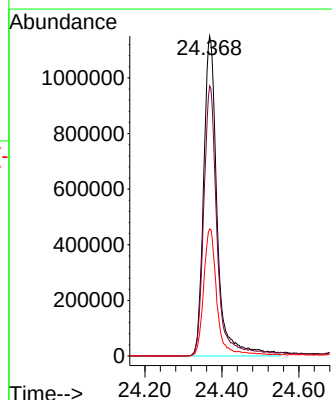
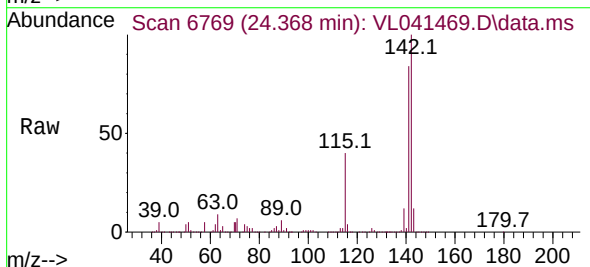
Tgt Ion:142 Resp: 2818526

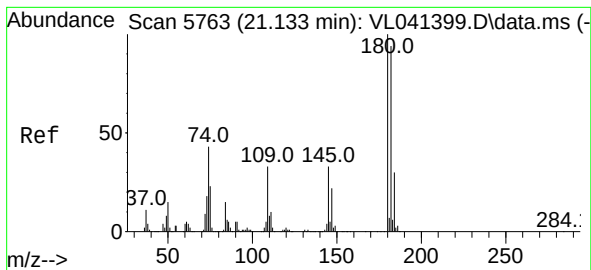
Ion Ratio Lower Upper

142 100

141 84.4 67.0 100.4

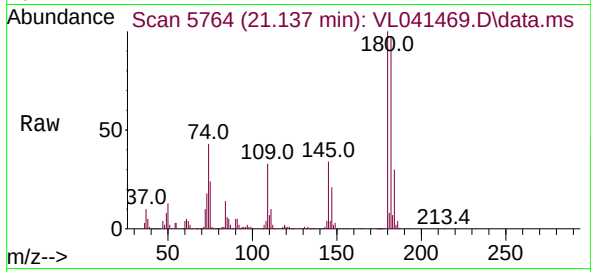
115 40.0 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.197 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041469.D
 Acq: 1 Aug 2024 8:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1735016

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.7	115.1
184	30.7	24.5	36.7

