

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041525.D
 Acq On : 8 Aug 2024 23:23
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Aug 09 06:01:19 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 : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1044025	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2810934	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3275026	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2090482	8.294	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	1445611	8.049	ppbv	99
3) Chlorodifluoromethane	2.677	51	1142655	9.194	ppbv	99
4) Chloromethane	2.816	50	603671	9.132	ppbv	100
5) Vinyl Chloride	2.922	62	607658	9.326	ppbv	96
6) Bromomethane	3.121	94	312636	9.336	ppbv	99
7) Chloroethane	3.198	64	216293	9.619	ppbv	99
8) Dichlorotetrafluoroethane	2.857	85	1438190	9.037	ppbv	100
9) Propene	2.697	41	515070	9.021	ppbv	99
10) Heptane	7.574	43	1281092	9.986	ppbv	100
11) Trichlorofluoromethane	3.562	101	1467280	9.199	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1068334	9.301	ppbv	100
13) Ethanol	3.250	45	26564	5.206	ppbv	81
14) Bromoethene	3.365	108	431159	9.629	ppbv	99
15) Acetone	3.468	43	1119038	9.434	ppbv	99
16) 1,3-Butadiene	2.986	39	606913	9.576	ppbv	99
17) tert-Butyl alcohol	3.873	59	1177194	10.881	ppbv	99
18) 1,1-Dichloroethene	3.880	96	477099	9.710	ppbv	99
19) Isopropyl Alcohol	3.574	45	611116	8.812	ppbv	99
20) Methylene Chloride	3.931	84	395949	8.951	ppbv	99
21) Allyl Chloride	3.996	41	791773	10.178	ppbv	97
22) trans-1,2-Dichloroethene	4.443	96	485777	9.888	ppbv	98
23) Vinyl Acetate	4.626	43	984033	10.862	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1021039	9.572	ppbv	100
25) Ethyl Acetate	5.201	43	2312537	9.813	ppbv	100
26) Hexane	5.211	57	944715	9.664	ppbv	98
27) Carbon Disulfide	4.121	76	1104203	9.655	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	617894	10.022	ppbv	99
29) Chloroform	5.269	83	1499493	9.404	ppbv	96
30) Cyclohexane	6.600	84	811078	10.188	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	955677	9.896	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1478445	9.525	ppbv	100
34) 2-Butanone	4.783	43	1381840	10.162	ppbv	99
35) Carbon Tetrachloride	6.491	117	1538654	9.924	ppbv	99
36) Benzene	6.369	78	2051357	9.987	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1144849	9.959	ppbv	100
38) Trichloroethene	7.288	130	928679	9.869	ppbv	100
39) 1,2-Dichloropropane	7.069	63	789968	10.046	ppbv	98
40) 1,4-Dioxane	7.285	88	216526	6.855	ppbv #	1
41) Tetrahydrofuran	5.552	42	833285	10.715	ppbv	98
42) Bromodichloromethane	7.246	83	1635634	9.853	ppbv	100
43) Methyl Methacrylate	7.471	69	798062	10.835	ppbv	96
44) 2,2,4-Trimethylpentane	7.323	57	3398347	9.906	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	810708	11.959	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041525.D
 Acq On : 8 Aug 2024 23:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

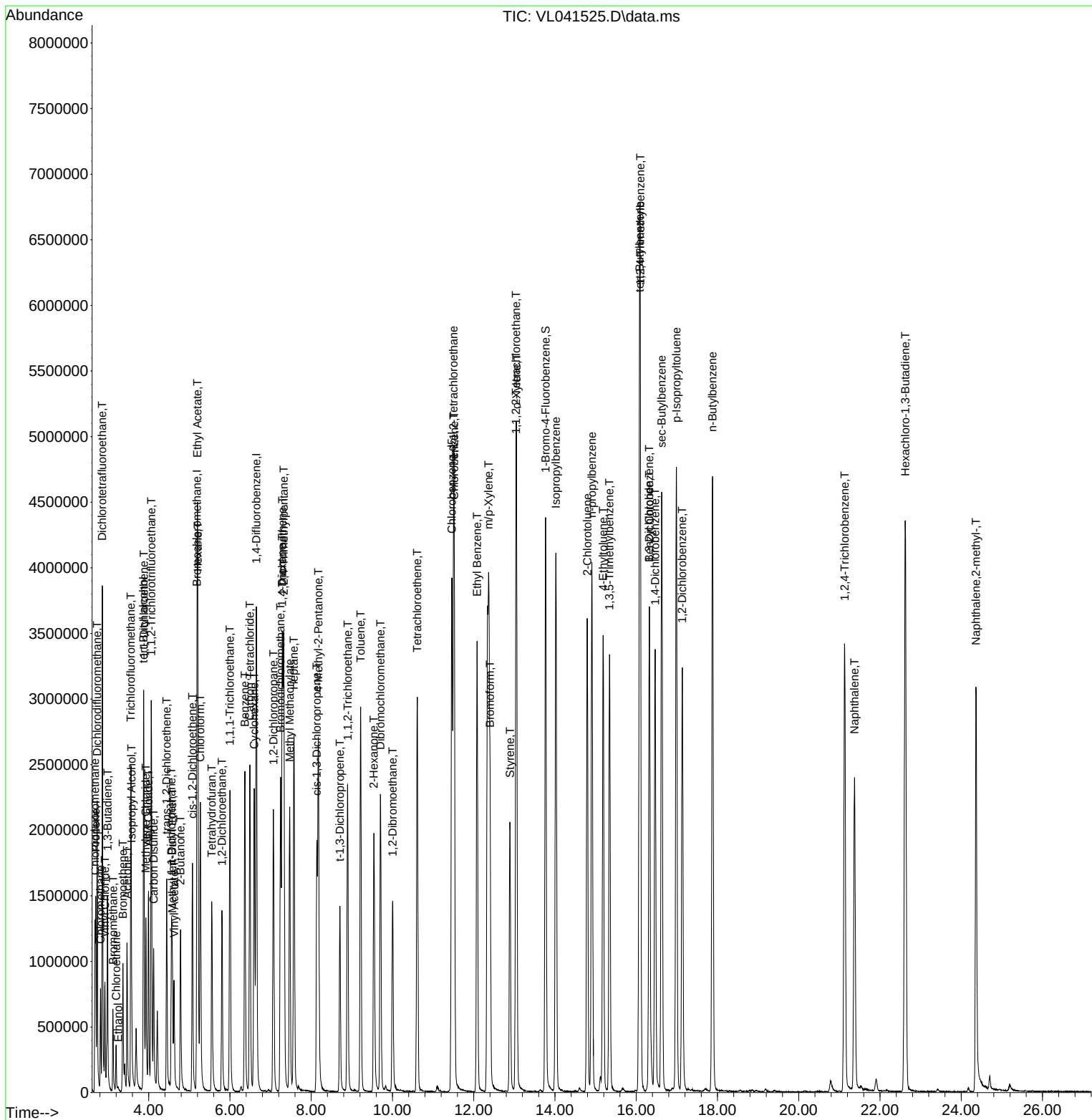
Instrument :
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 ClientSampleId :
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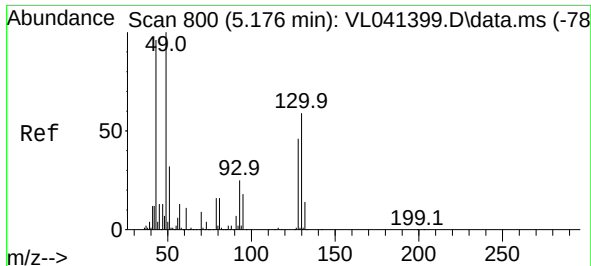
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1078512	11.017	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	839814	9.689	ppbv	97
48) Dibromochloromethane	9.706	129	1398031	10.012	ppbv	100
49) Bromoform	12.404	173	1214092	10.293	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2258676	10.528	ppbv	100
51) 2-Hexanone	9.542	43	1837837	11.330	ppbv #	100
52) Tetrachloroethene	10.613	164	768071	9.678	ppbv	98
53) Toluene	9.217	91	2380296	10.404	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1216973	10.548	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	1024758	8.068	ppbv #	55
57) Chlorobenzene	11.523	112	1842374	7.901	ppbv	98
58) Ethyl Benzene	12.082	91	3184233	8.435	ppbv	100
59) m/p-Xylene	12.365	91	2884587	8.852	ppbv #	39
60) o-Xylene	13.053	91	2584764	8.385	ppbv	100
61) Styrene	12.892	104	1262975	9.082	ppbv	99
62) Isopropylbenzene	14.024	105	3773757	8.053	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1583340	8.134	ppbv	100
64) n-propylbenzene	14.908	120	1006700	8.217	ppbv	96
65) tert-Butylbenzene	16.085	119	3373340	7.970	ppbv	100
66) Benzyl Chloride	16.323	91	265144	9.766	ppbv	100
67) sec-Butylbenzene	16.629	105	4730028	8.111	ppbv	100
69) p-Isopropyltoluene	16.989	119	3981759	8.228	ppbv	100
70) n-Butylbenzene	17.879	91	4122783	8.311	ppbv	100
71) 2-Chlorotoluene	14.796	91	2855879	8.264	ppbv	100
72) 4-Ethyltoluene	15.185	105	3115203	8.584	ppbv	99
73) 1,3,5-Trimethylbenzene	15.342	105	2668747	8.536	ppbv	100
74) 1,2,4-Trimethylbenzene	16.101	105	2961905	8.149	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	1834331	8.028	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	1798524	8.129	ppbv	100
77) 1,2-Dichlorobenzene	17.133	146	1787070	7.890	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1371775	7.102	ppbv	99
79) Naphthalene	21.371	128	3037446	9.468	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	2241512	8.335	ppbv	99
81) 1,2,4-Trichlorobenzene	21.130	180	1613809	8.453	ppbv	99

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

Quant Time: Aug 09 06:01:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Tue Aug 06 01:32:58 2024
Response via : Initial Calibration

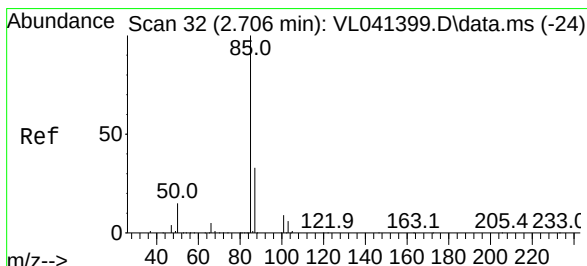
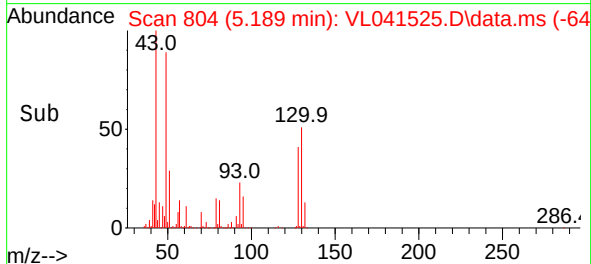
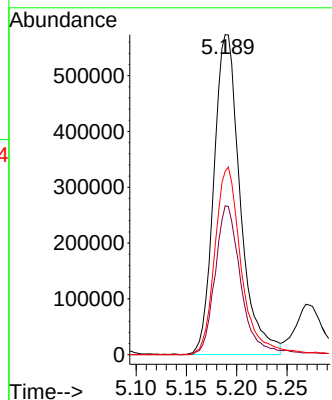
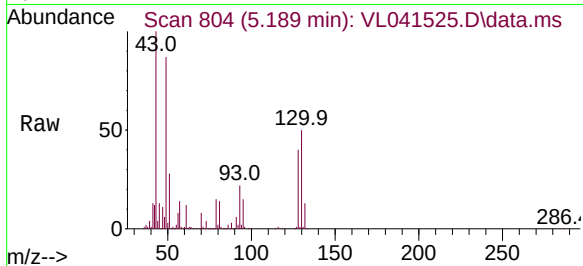




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

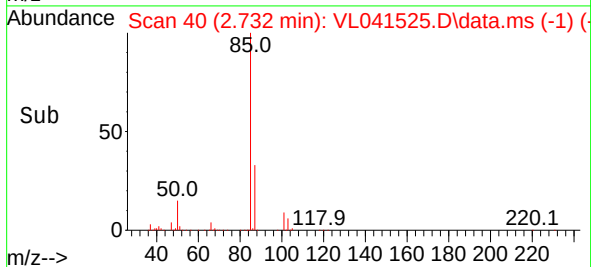
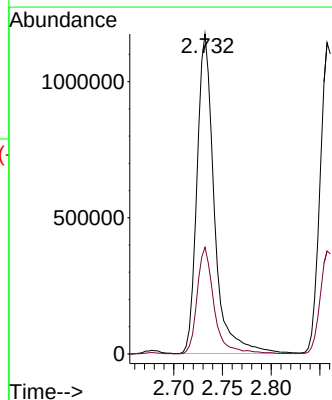
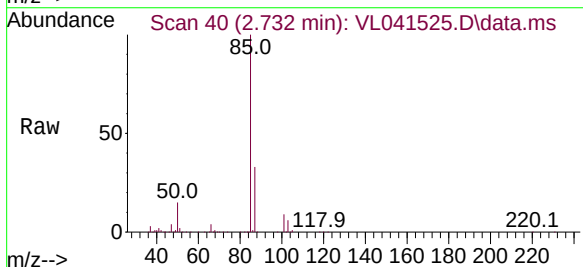
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

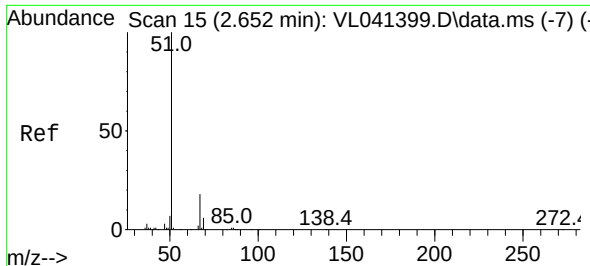
Tgt Ion: 49 Resp: 1044025
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 59.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 8.049 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 85 Resp: 1445611
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0

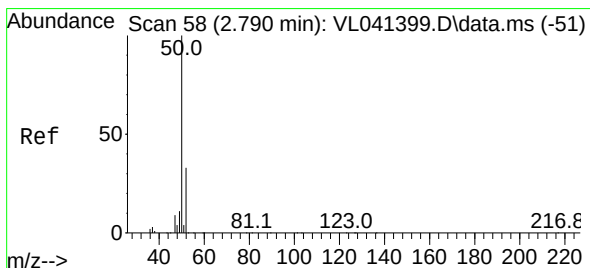
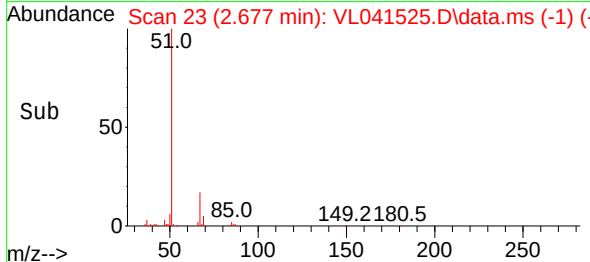
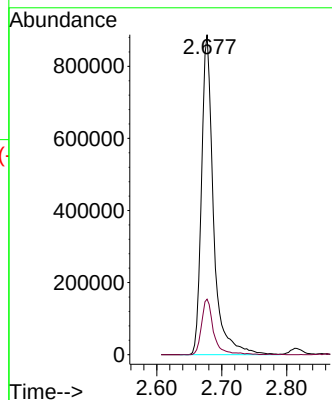
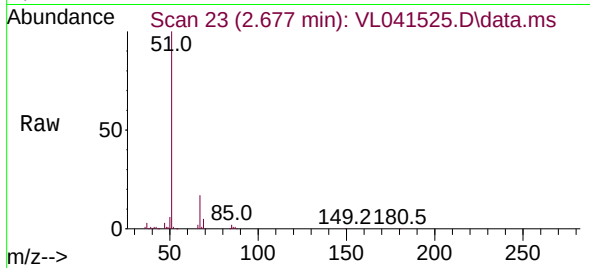




#3
Chlorodifluoromethane
Concen: 9.194 ppbv
RT: 2.677 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

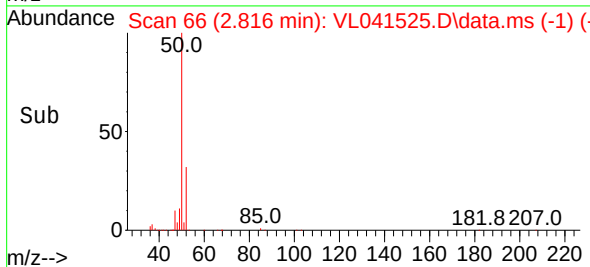
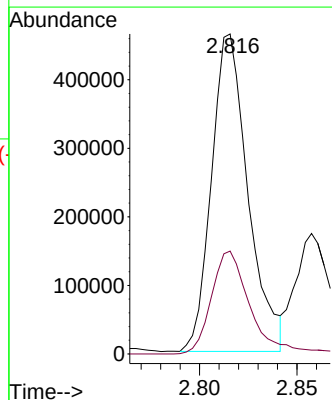
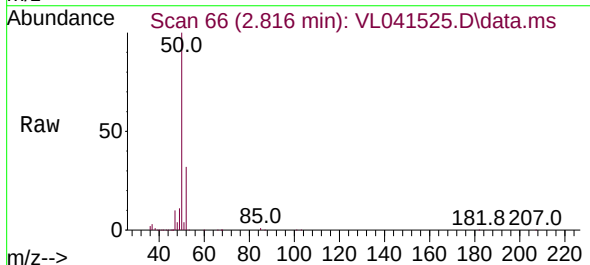
Instrument :
MSVOA_L
ClientSampleId :
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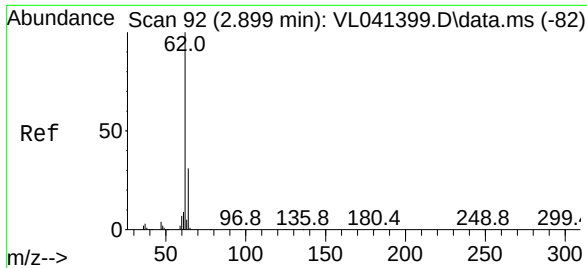
Tgt Ion: 51 Resp: 1142655
Ion Ratio Lower Upper
51 100
67 17.6 14.5 21.7



#4
Chloromethane
Concen: 9.132 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 50 Resp: 603671
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1

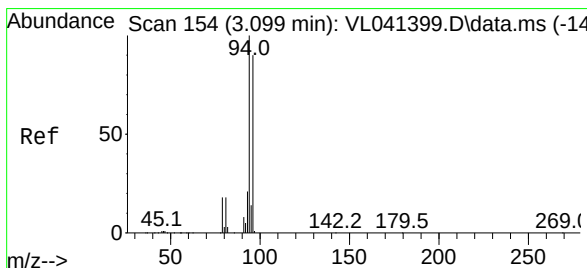
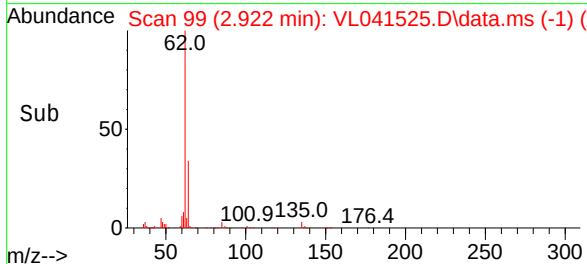
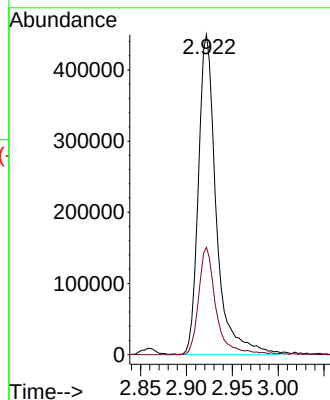
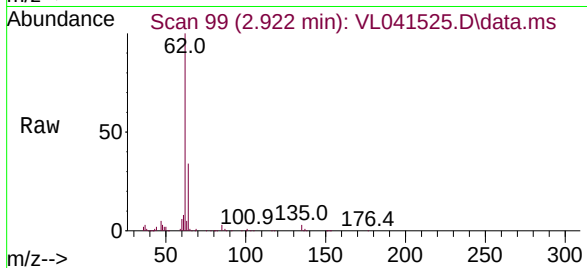




#5
 Vinyl Chloride
 Concen: 9.326 ppbv
 RT: 2.922 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

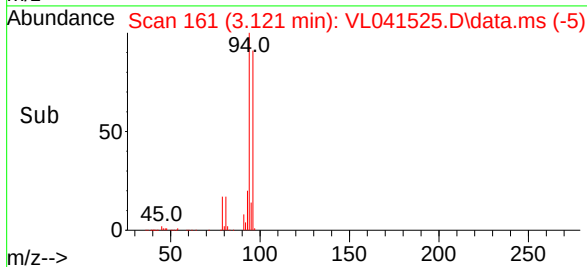
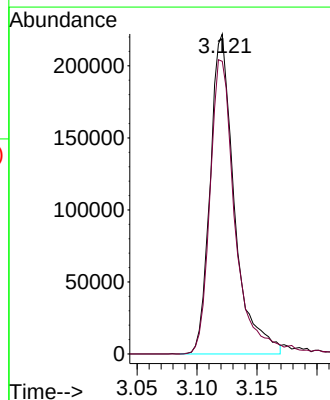
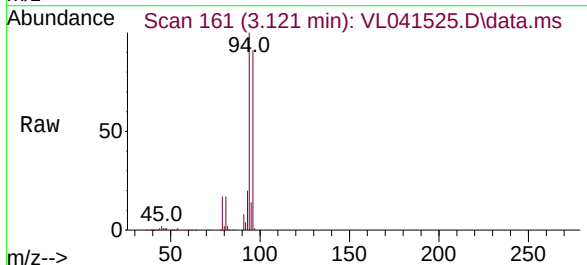
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 ClientSampleId :
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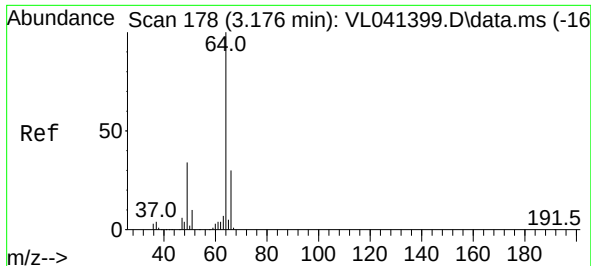
Tgt Ion: 62 Resp: 607658
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.0 37.4



#6
 Bromomethane
 Concen: 9.336 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Tgt Ion: 94 Resp: 312636
 Ion Ratio Lower Upper
 94 100
 96 91.4 72.3 108.5

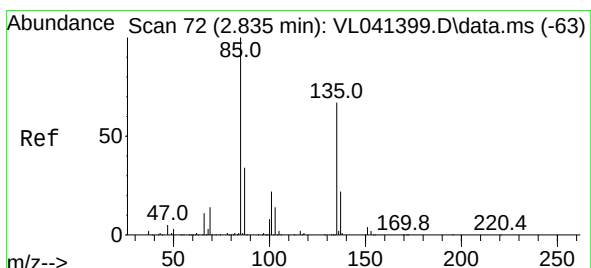
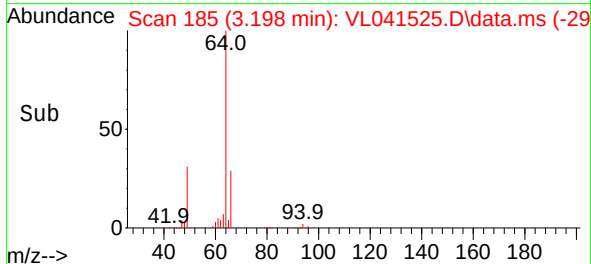
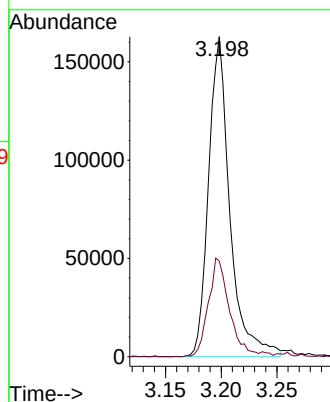
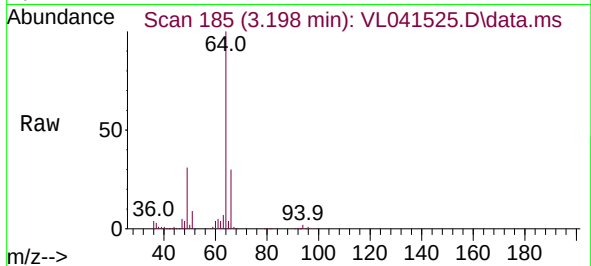




#7
Chloroethane
Concen: 9.619 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

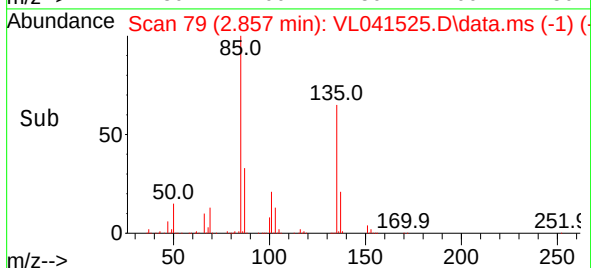
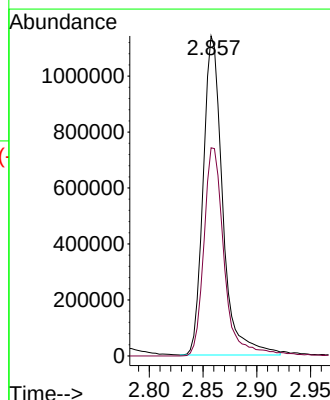
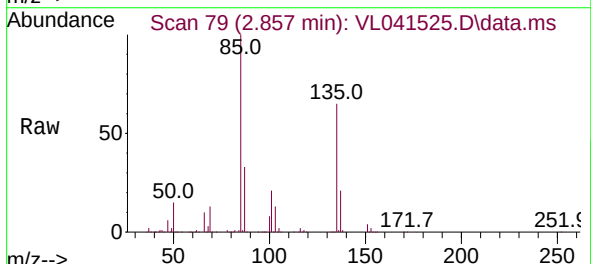
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ClientSampleId :
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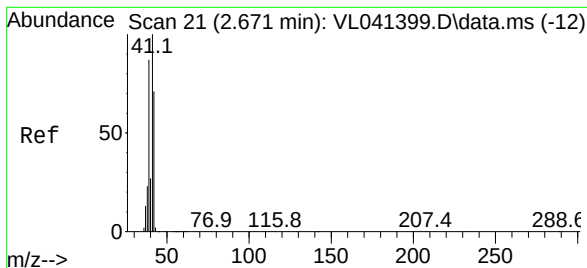
Tgt Ion: 64 Resp: 216293
Ion Ratio Lower Upper
64 100
66 29.9 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.037 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 85 Resp: 1438190
Ion Ratio Lower Upper
85 100
135 68.8 55.4 83.0





#9

Propene

Concen: 9.021 ppbv

RT: 2.697 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

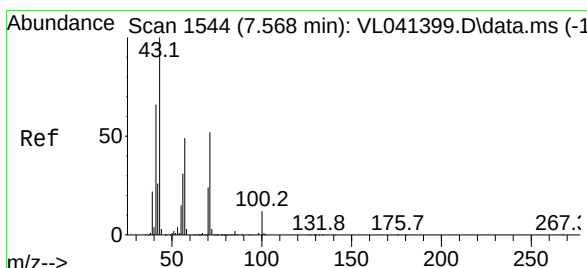
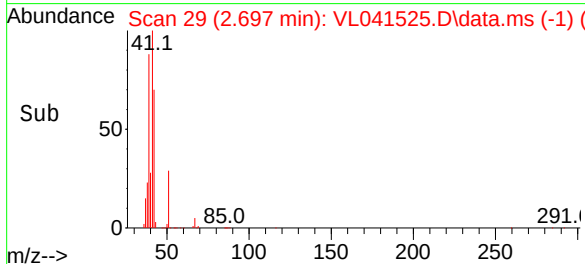
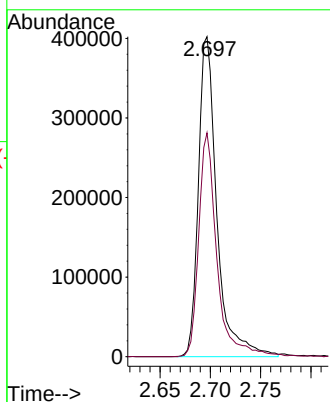
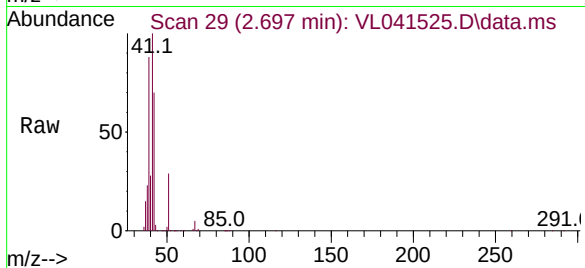
VSTDCCC010EC

Tgt Ion: 41 Resp: 515070

Ion Ratio Lower Upper

41 100

42 69.3 55.9 83.9



#10

Heptane

Concen: 9.986 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VL041525.D

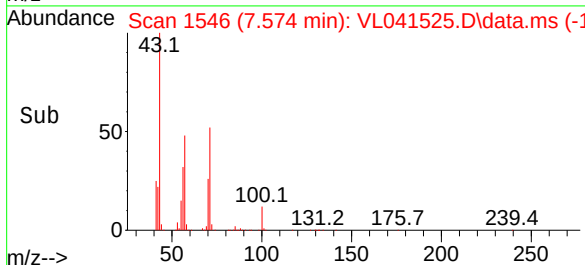
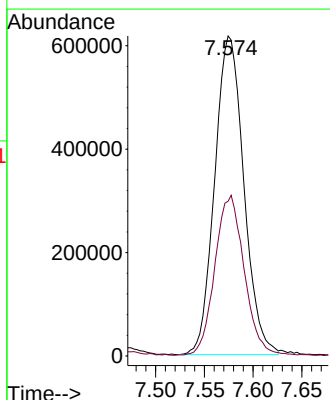
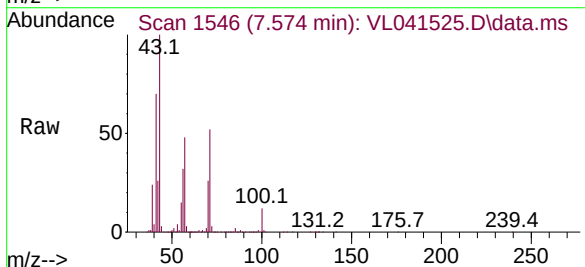
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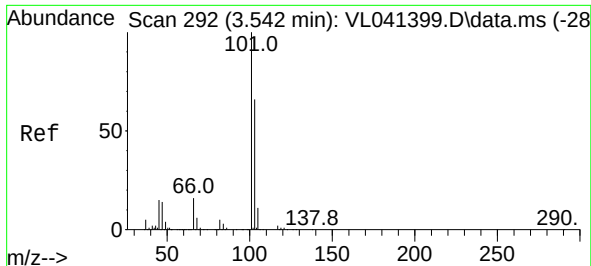
Tgt Ion: 43 Resp: 1281092

Ion Ratio Lower Upper

43 100

57 50.9 40.5 60.7





#11

Trichlorofluoromethane

Concen: 9.199 ppbv

RT: 3.562 min Scan# 20

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

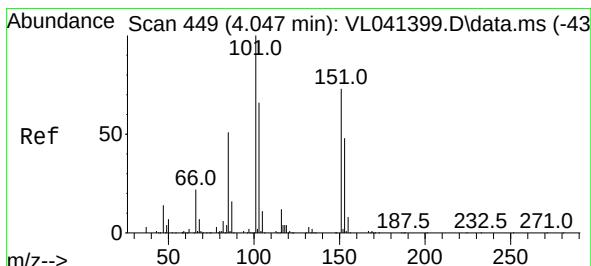
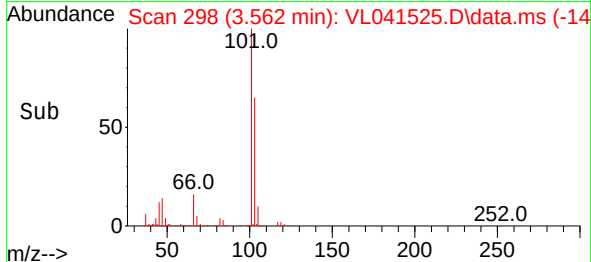
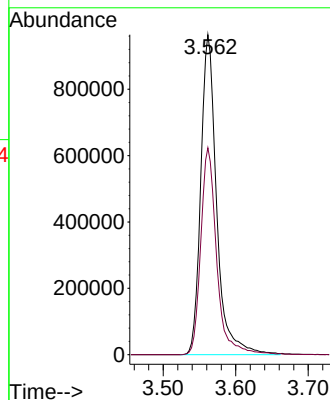
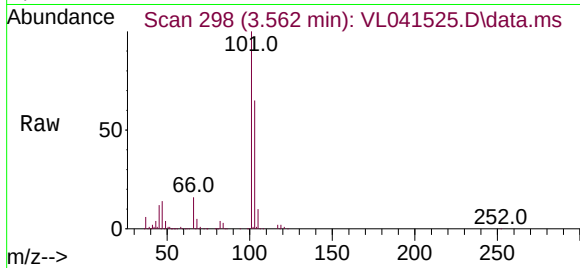
VSTDCCC010EC

Tgt Ion:101 Resp: 1467280

Ion Ratio Lower Upper

101 100

103 64.7 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.301 ppbv

RT: 4.063 min Scan# 454

Delta R.T. 0.000 min

Lab File: VL041525.D

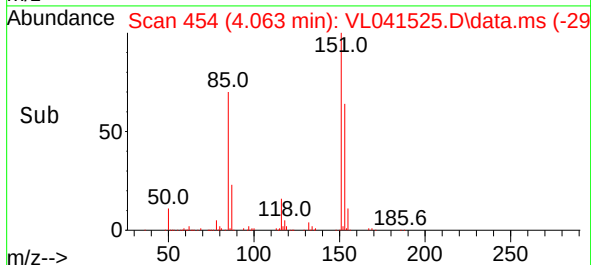
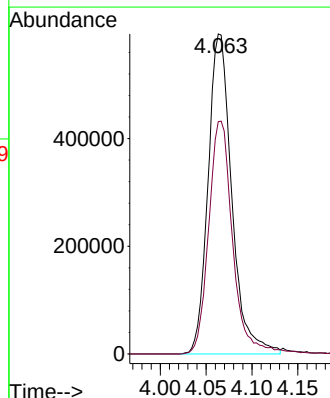
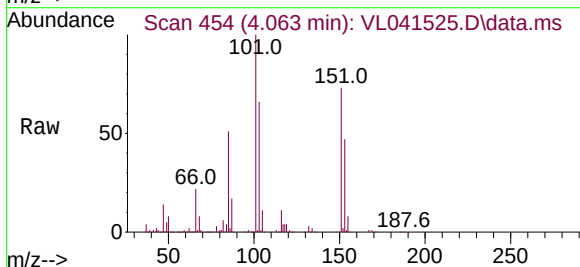
Acq: 8 Aug 2024 23:23

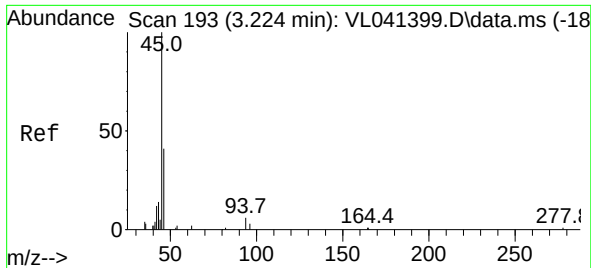
Tgt Ion:101 Resp: 1068334

Ion Ratio Lower Upper

101 100

151 73.9 59.4 89.2





#13

Ethanol

Concen: 5.206 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.006 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

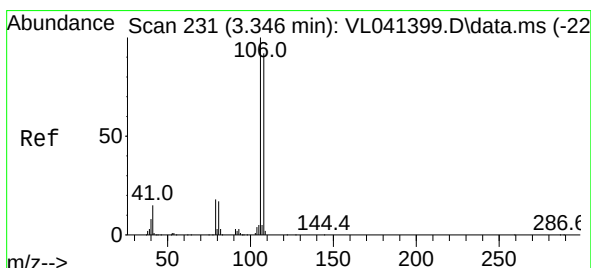
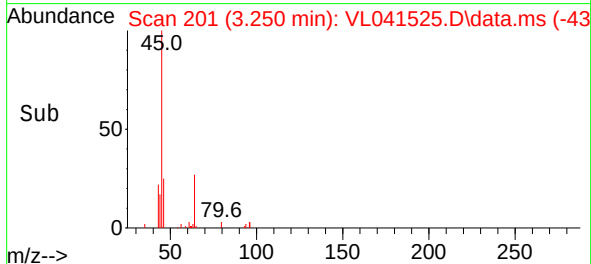
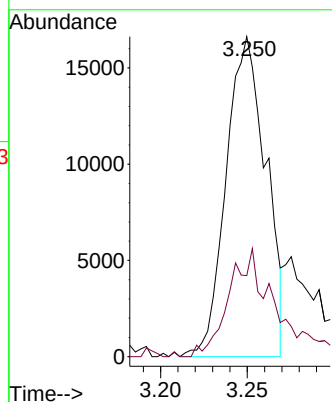
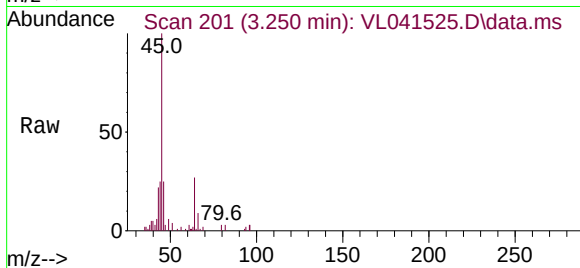
VSTDCCC010EC

Tgt Ion: 45 Resp: 26564

Ion Ratio Lower Upper

45 100

46 44.3 13.4 53.4



#14

Bromoethene

Concen: 9.629 ppbv

RT: 3.365 min Scan# 237

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

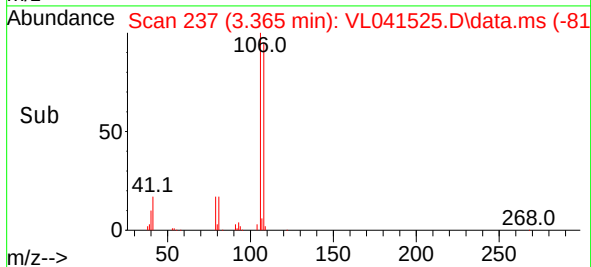
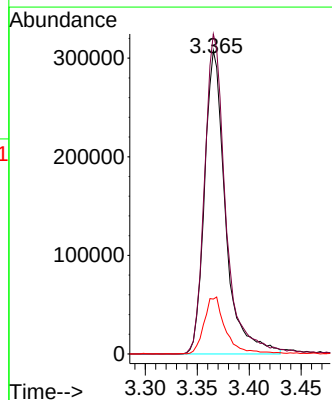
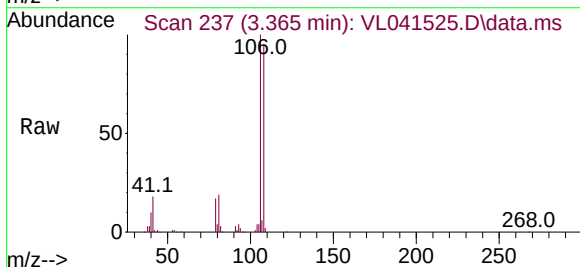
Tgt Ion:108 Resp: 431159

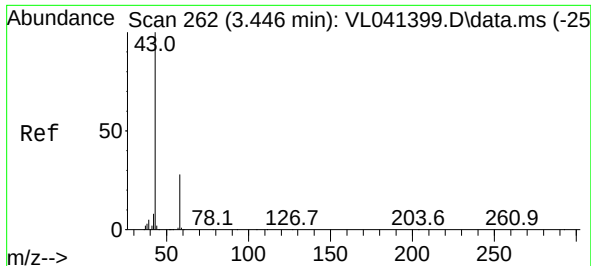
Ion Ratio Lower Upper

108 100

106 107.7 86.9 130.3

79 19.9 16.2 24.4





#15

Acetone

Concen: 9.434 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

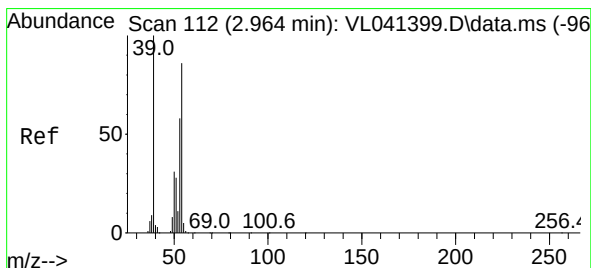
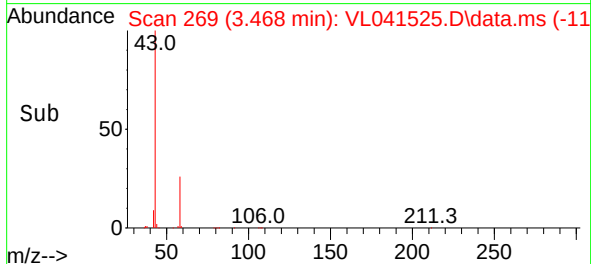
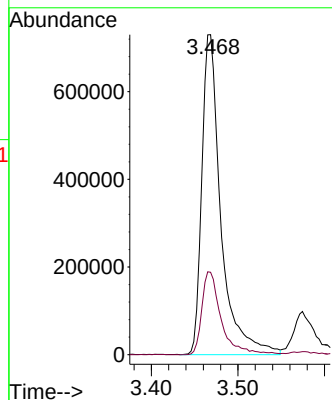
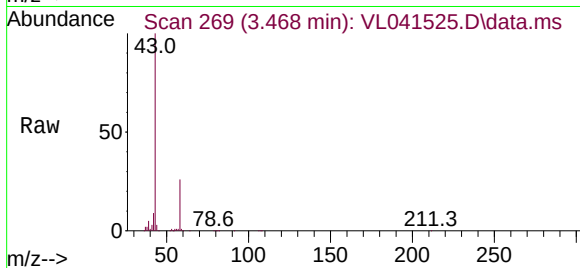
VSTDCCC010EC

Tgt Ion: 43 Resp: 1119038

Ion Ratio Lower Upper

43 100

58 26.4 21.4 32.2



#16

1,3-Butadiene

Concen: 9.576 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.000 min

Lab File: VL041525.D

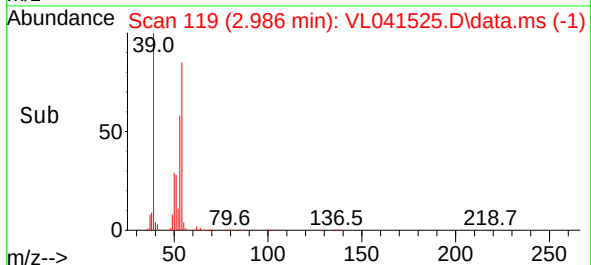
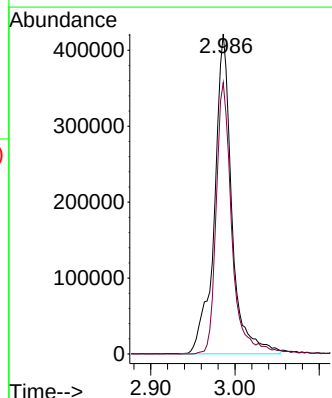
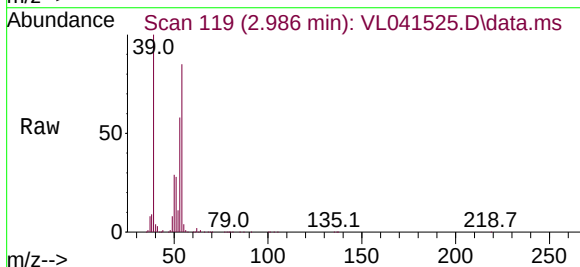
Acq: 8 Aug 2024 23:23

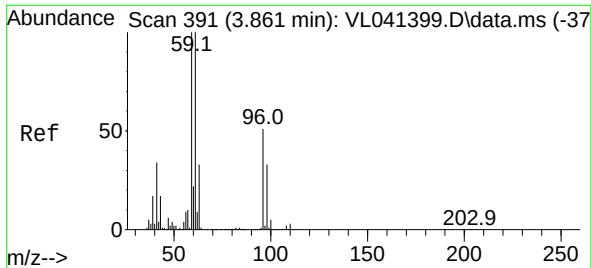
Tgt Ion: 39 Resp: 606913

Ion Ratio Lower Upper

39 100

54 77.0 62.5 93.7

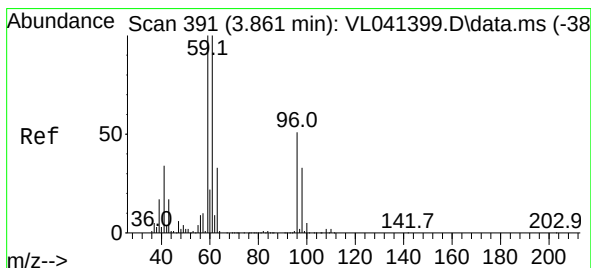
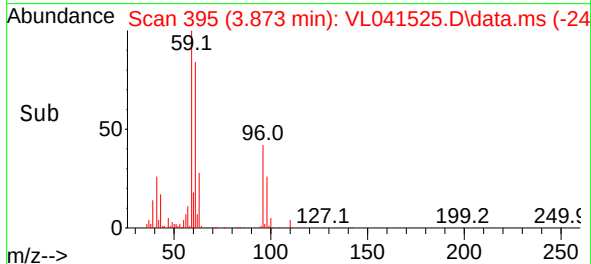
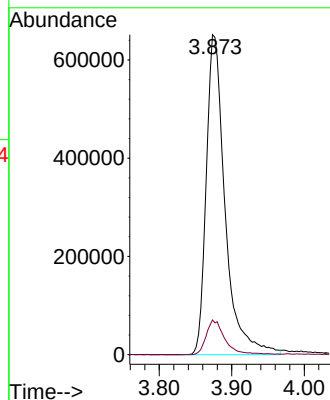
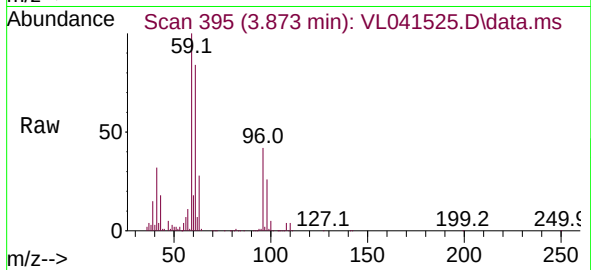




#17
tert-Butyl alcohol
Concen: 10.881 ppbv
RT: 3.873 min Scan# 391
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

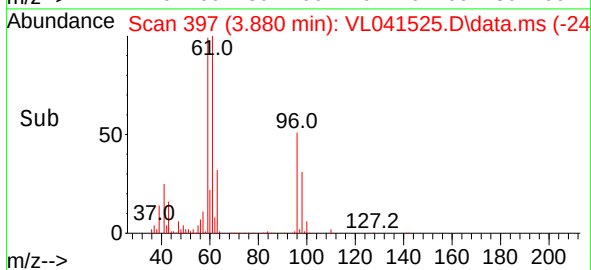
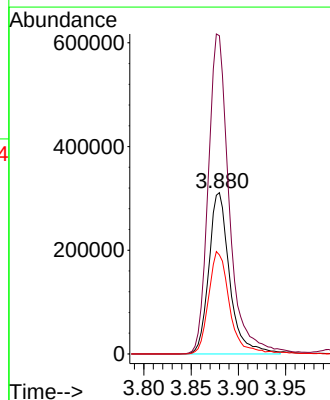
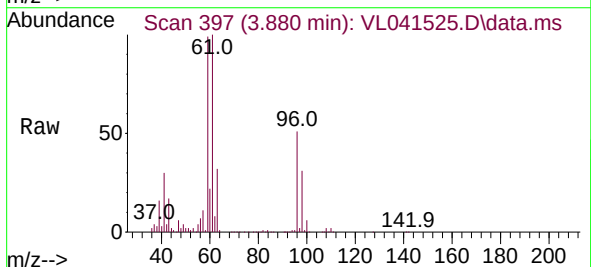
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

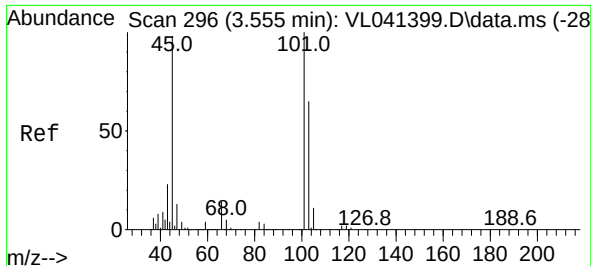
Tgt Ion: 59 Resp: 1177194
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8



#18
1,1-Dichloroethene
Concen: 9.710 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 96 Resp: 477099
Ion Ratio Lower Upper
96 100
61 197.3 157.5 236.3
98 61.4 51.2 76.8





#19

Isopropyl Alcohol

Concen: 8.812 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

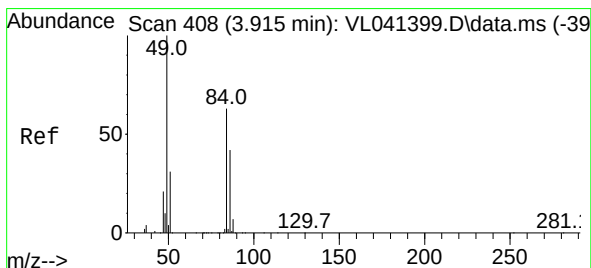
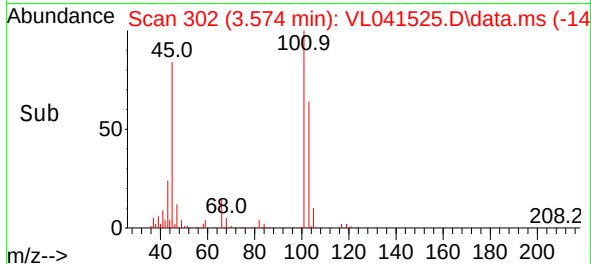
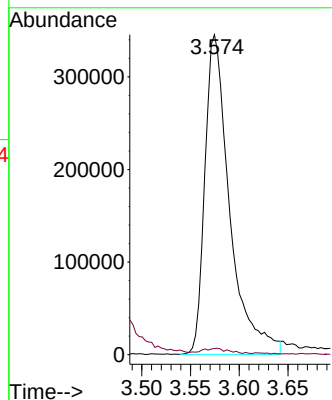
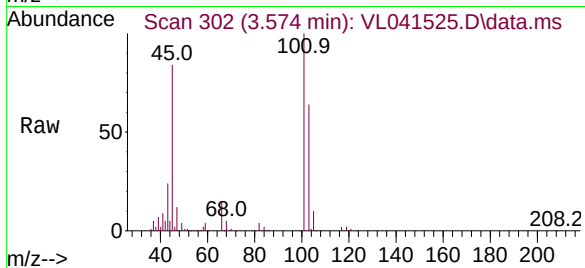
VSTDCCC010EC

Tgt Ion: 45 Resp: 611116

Ion Ratio Lower Upper

45 100

58 2.2 1.9 2.9



#20

Methylene Chloride

Concen: 8.951 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion: 84 Resp: 395949

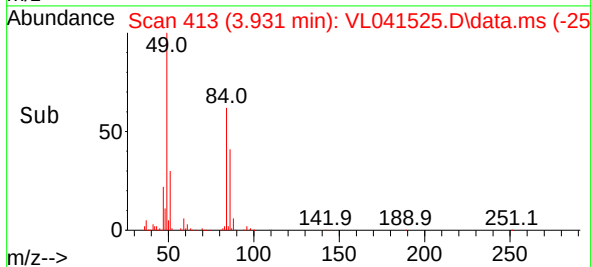
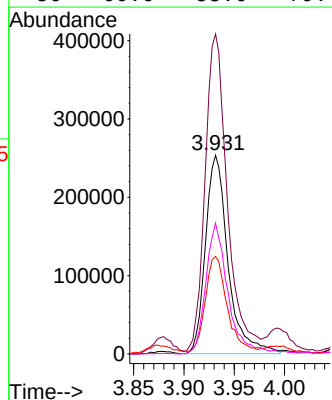
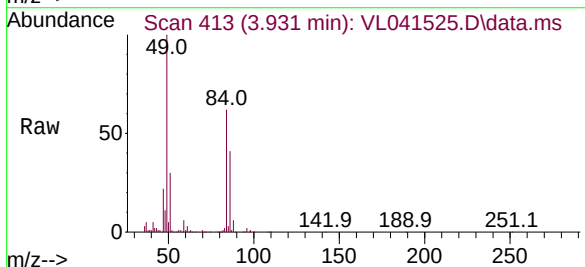
Ion Ratio Lower Upper

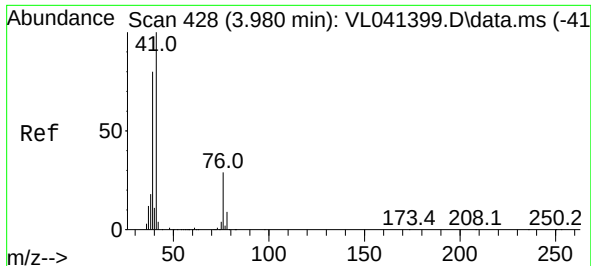
84 100

49 159.5 126.6 190.0

51 47.5 38.6 58.0

86 66.0 53.0 79.4





#21

Allyl Chloride

Concen: 10.178 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

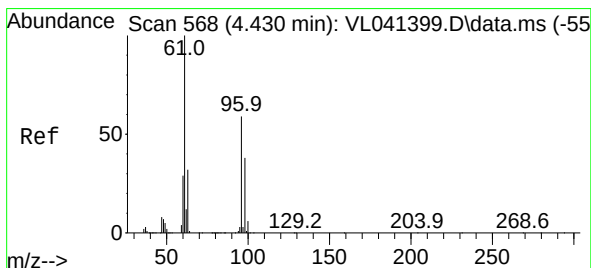
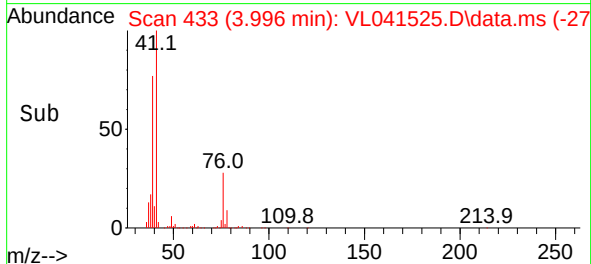
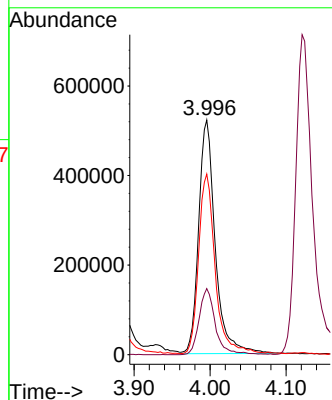
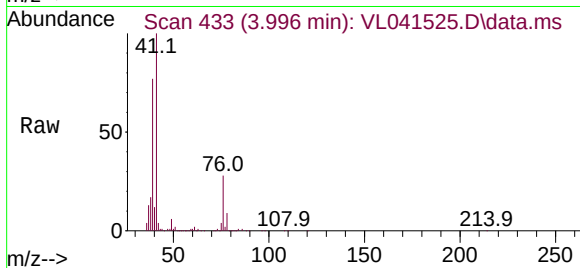
Tgt Ion: 41 Resp: 791773

Ion Ratio Lower Upper

41 100

76 27.8 23.7 35.5

39 77.4 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 9.888 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

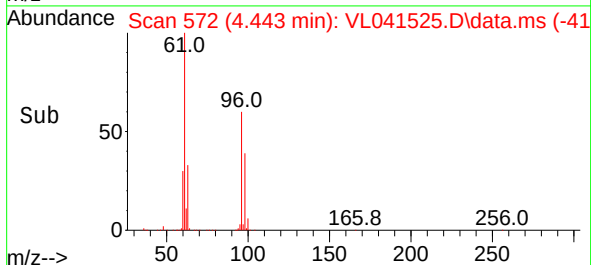
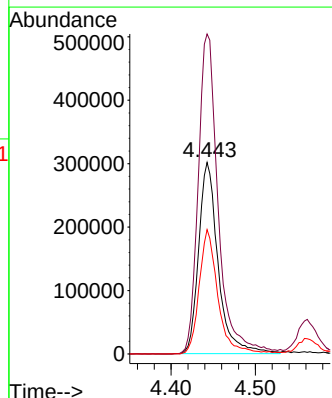
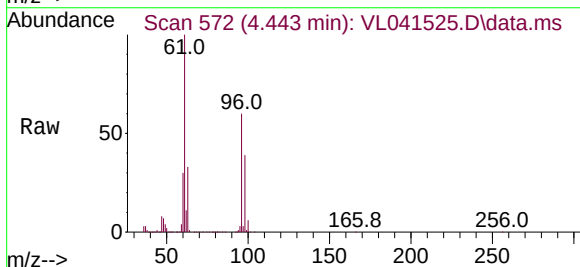
Tgt Ion: 96 Resp: 485777

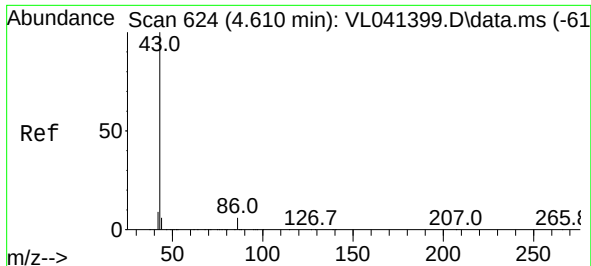
Ion Ratio Lower Upper

96 100

61 167.0 135.4 203.2

98 65.0 51.0 76.4



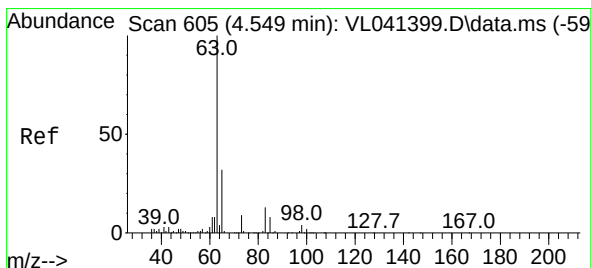
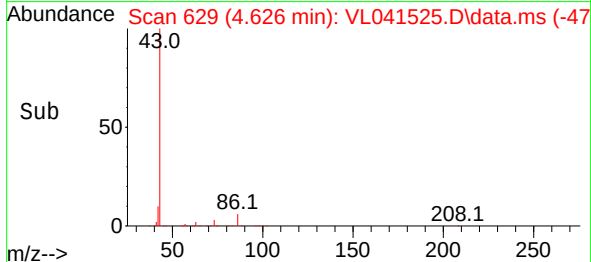
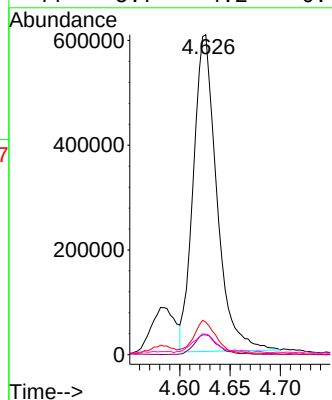
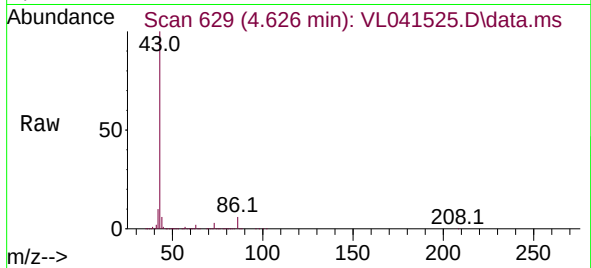


#23
 Vinyl Acetate
 Concen: 10.862 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 984033

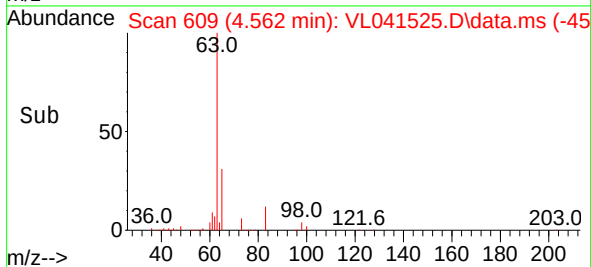
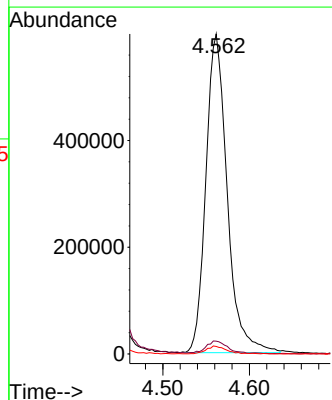
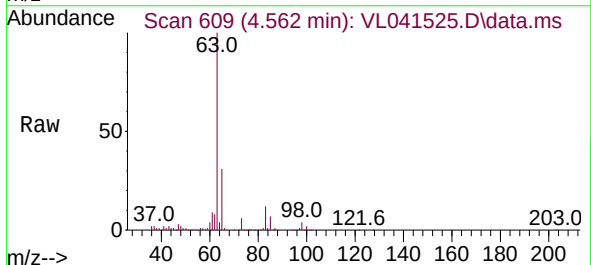
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.6	6.8
42	10.1	7.9	11.9
44	5.7	4.2	6.4

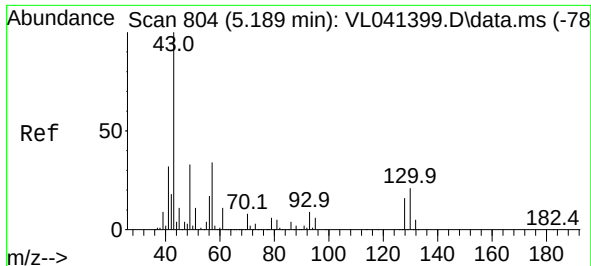


#24
 1,1-Dichloroethane
 Concen: 9.572 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Tgt Ion: 63 Resp: 1021039

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	2.3	1.2	3.6





#25

Ethyl Acetate

Concen: 9.813 ppbv

RT: 5.201 min Scan# 804

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2312537

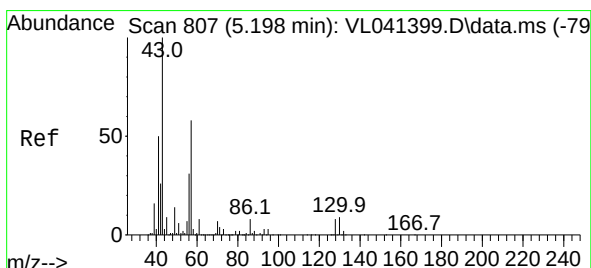
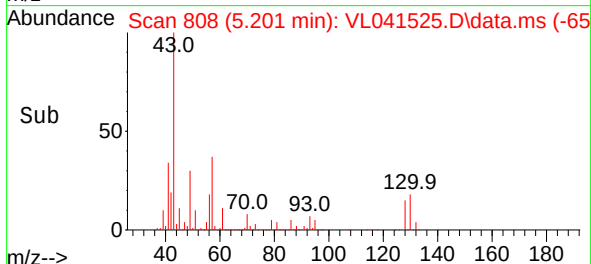
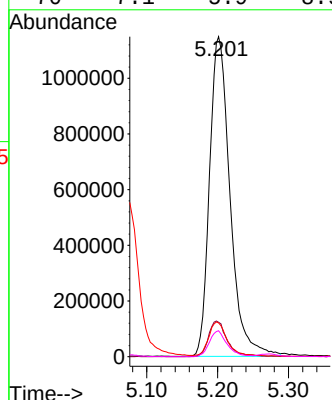
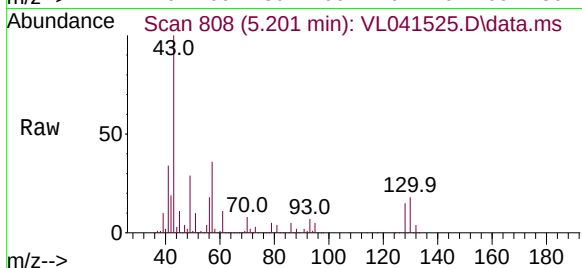
Ion Ratio Lower Upper

43 100

45 10.5 8.5 12.7

61 10.0 8.0 12.0

70 7.1 5.9 8.9



#26

Hexane

Concen: 9.664 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion: 57 Resp: 944715

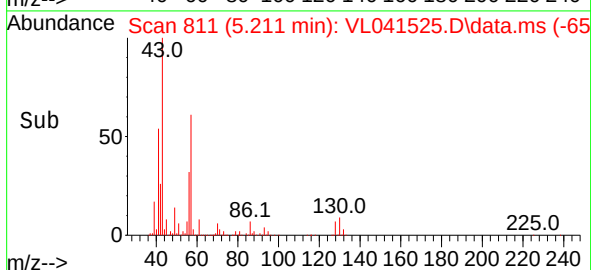
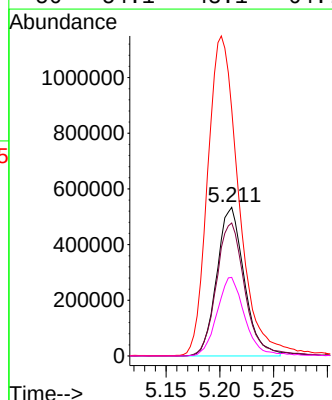
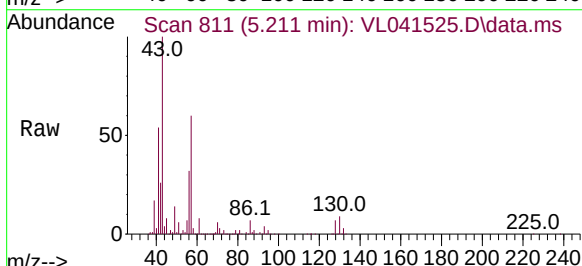
Ion Ratio Lower Upper

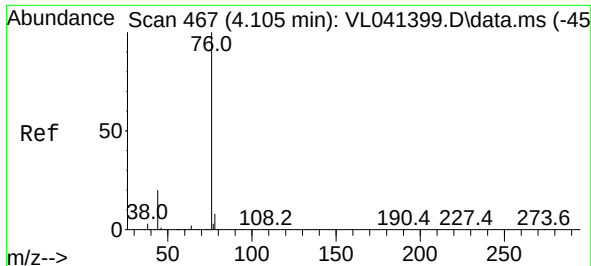
57 100

41 94.4 74.0 111.0

43 246.7 193.6 290.4

56 54.1 43.1 64.7

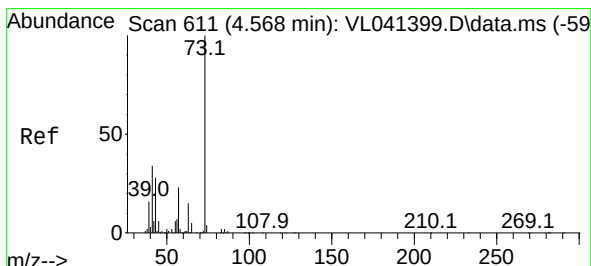
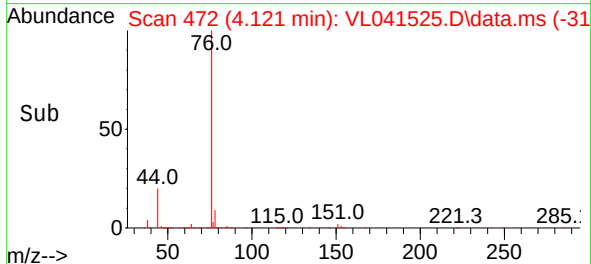
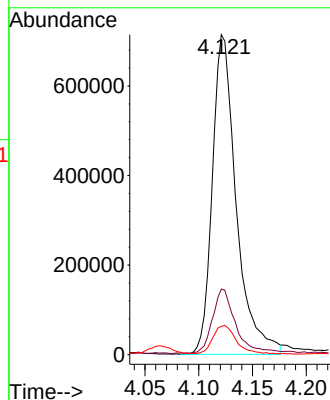
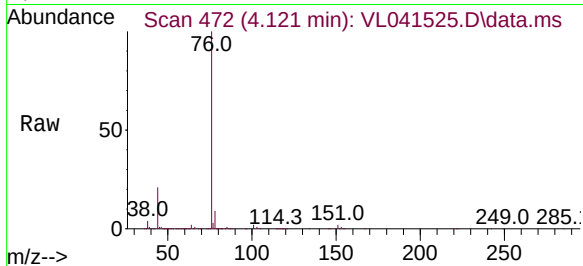




#27
Carbon Disulfide
Concen: 9.655 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

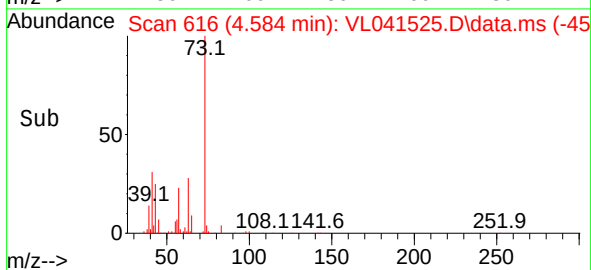
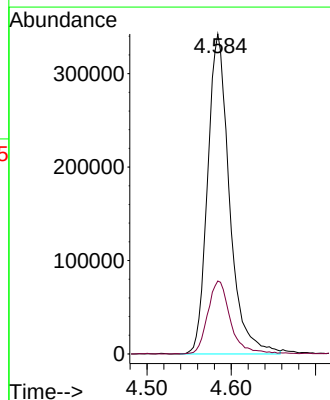
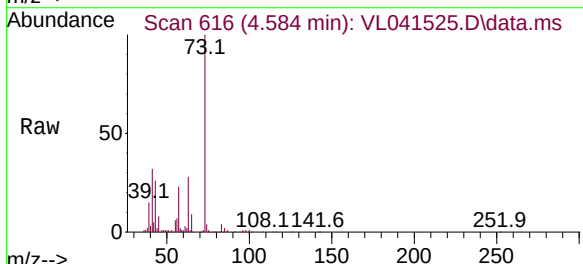
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

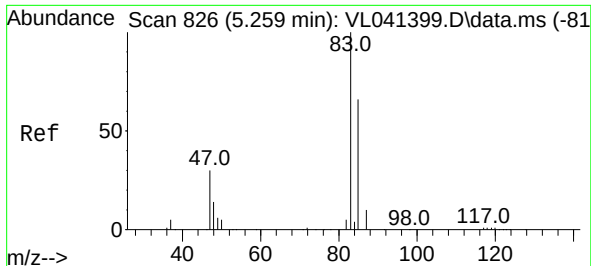
Tgt Ion: 76 Resp: 1104203
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.4 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.022 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 73 Resp: 617894
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 9.404 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

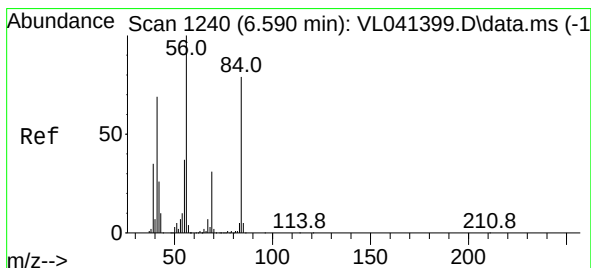
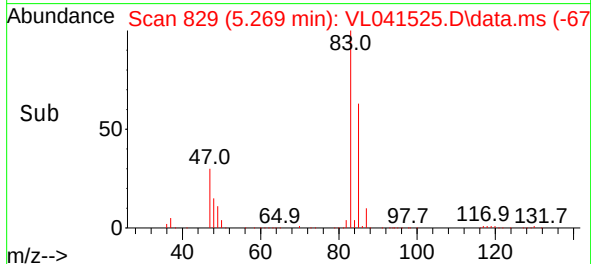
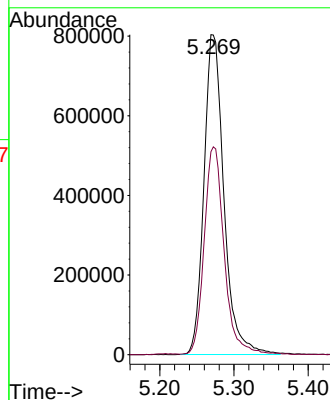
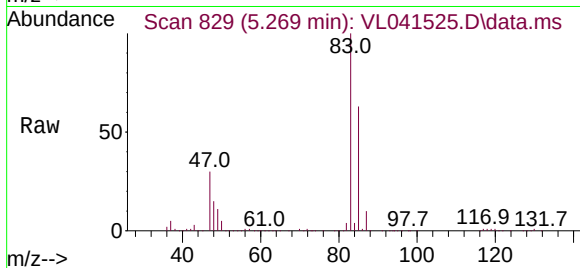
VSTDCCC010EC

Tgt Ion: 83 Resp: 1499493

Ion Ratio Lower Upper

83 100

85 63.3 53.1 79.7



#30

Cyclohexane

Concen: 10.188 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

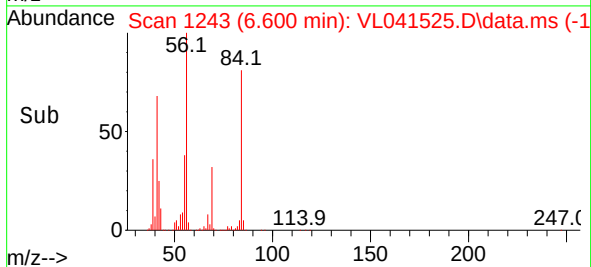
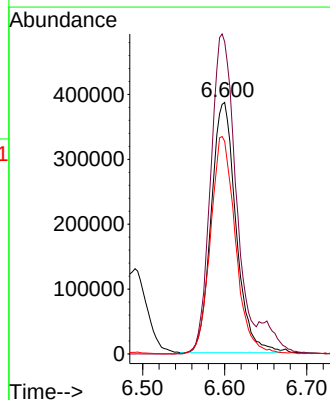
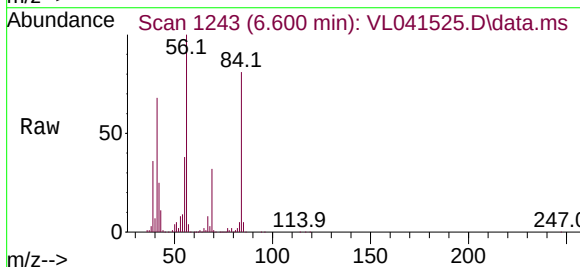
Tgt Ion: 84 Resp: 811078

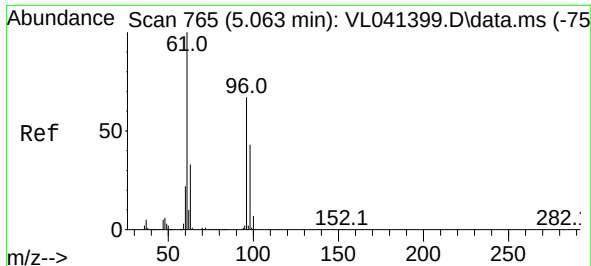
Ion Ratio Lower Upper

84 100

56 138.9 111.2 166.8

41 87.2 70.3 105.5

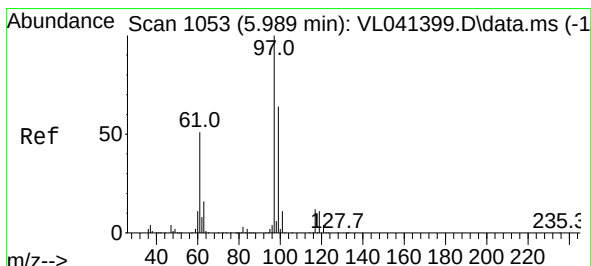
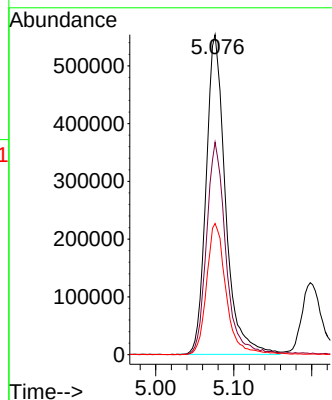
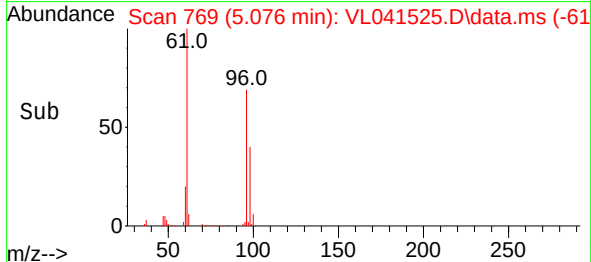
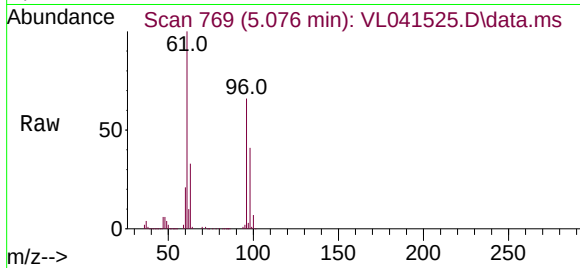




#31
 cis-1,2-Dichloroethene
 Concen: 9.896 ppbv
 RT: 5.076 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

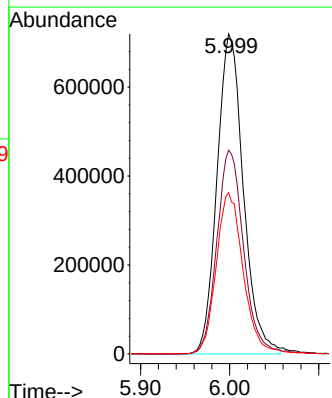
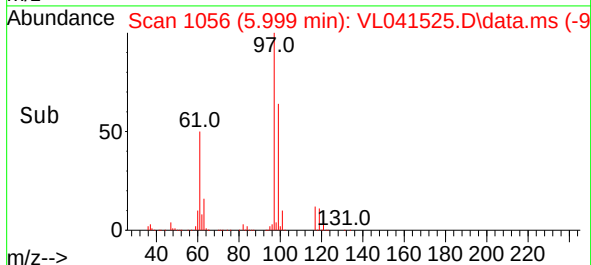
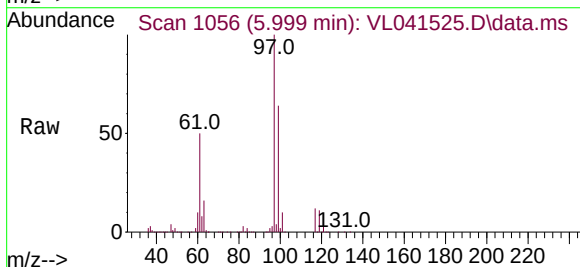
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

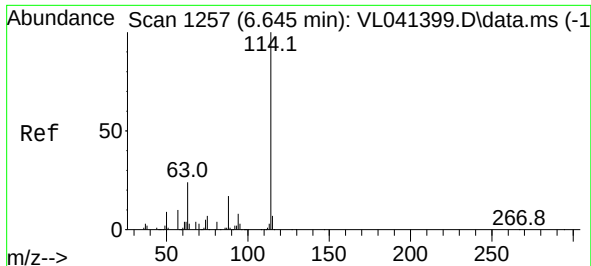
Tgt Ion: 61 Resp: 955677
 Ion Ratio Lower Upper
 61 100
 96 66.5 53.4 80.2
 98 41.0 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 9.525 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Tgt Ion: 97 Resp: 1478445
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 51.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

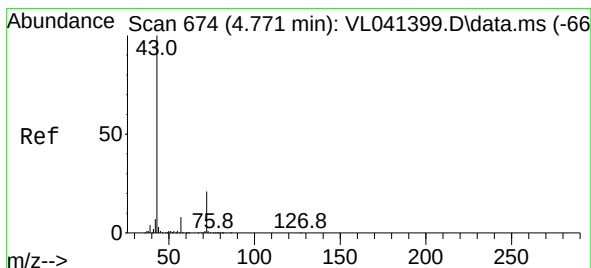
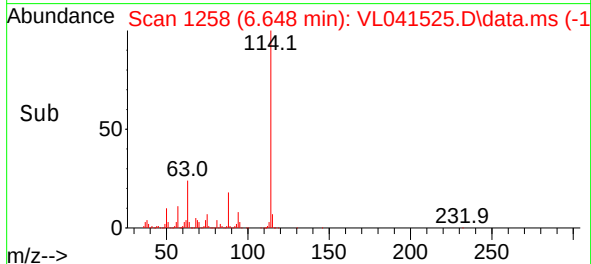
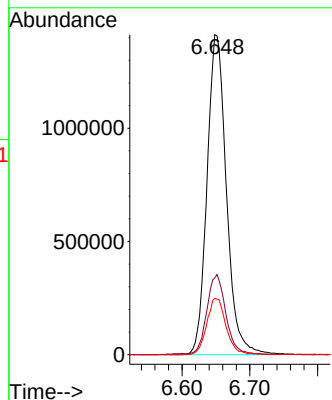
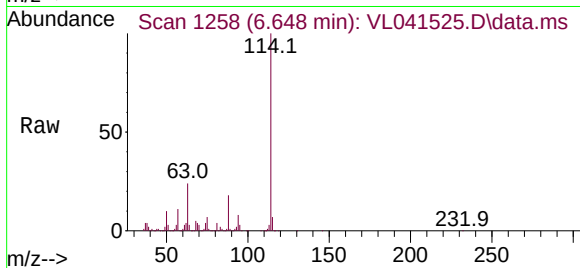
Tgt Ion:114 Resp: 2810934

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.6 14.3 21.5



#34

2-Butanone

Concen: 10.162 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041525.D

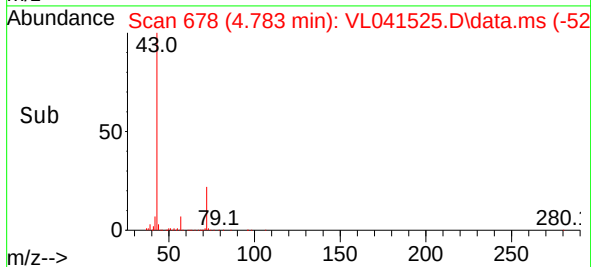
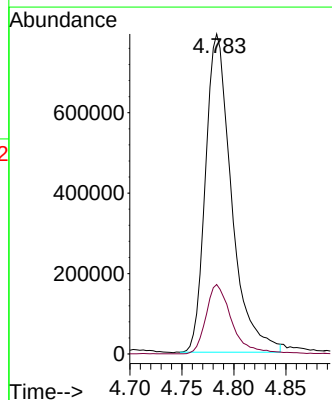
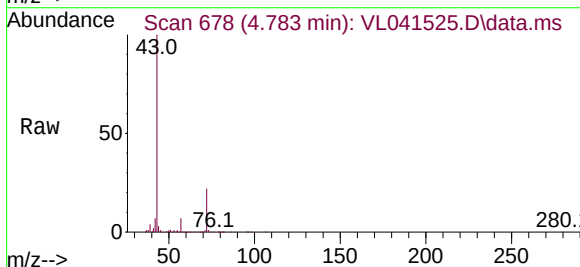
Acq: 8 Aug 2024 23:23

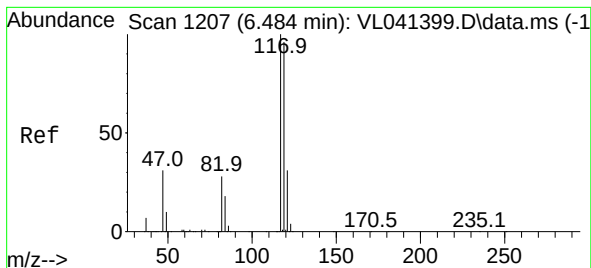
Tgt Ion: 43 Resp: 1381840

Ion Ratio Lower Upper

43 100

72 21.9 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.924 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

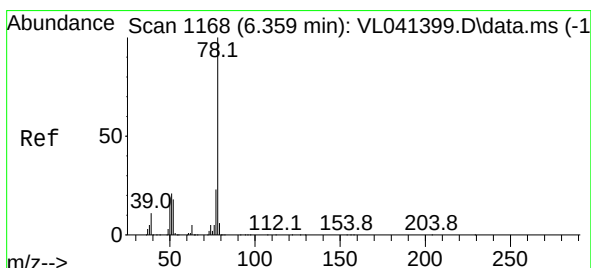
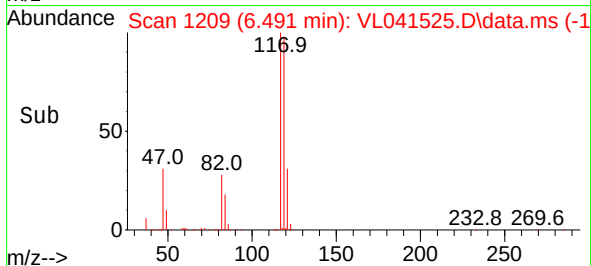
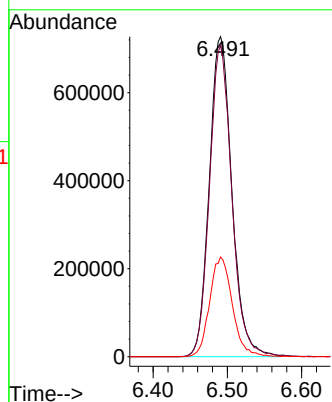
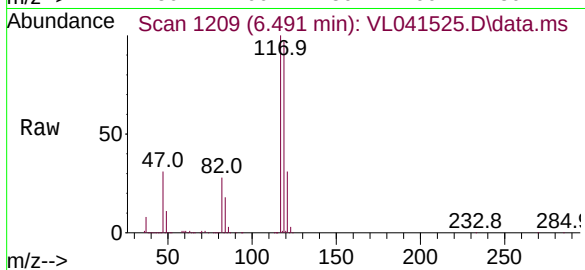
Tgt Ion:117 Resp: 1538654

Ion Ratio Lower Upper

117 100

119 97.2 76.6 115.0

121 31.1 25.1 37.7



#36

Benzene

Concen: 9.987 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

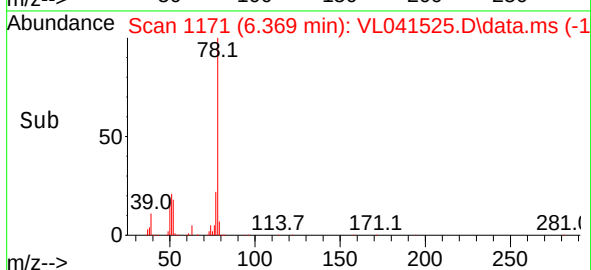
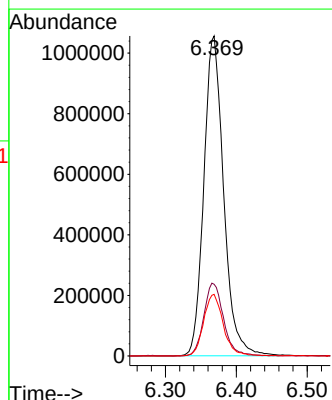
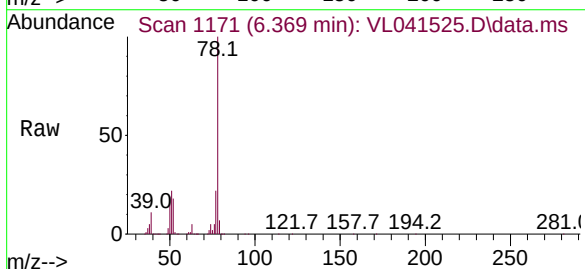
Tgt Ion: 78 Resp: 2051357

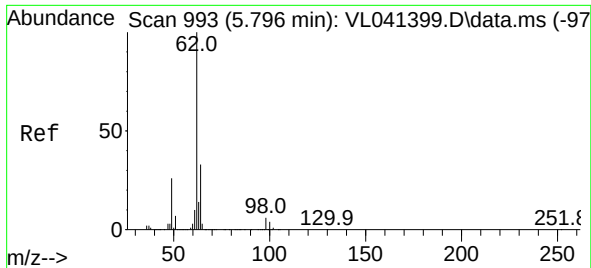
Ion Ratio Lower Upper

78 100

77 22.4 18.1 27.1

50 19.2 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.959 ppbv

RT: 5.803 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

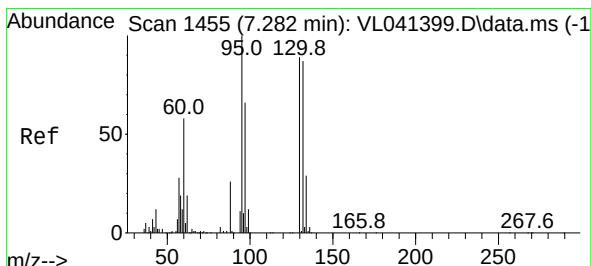
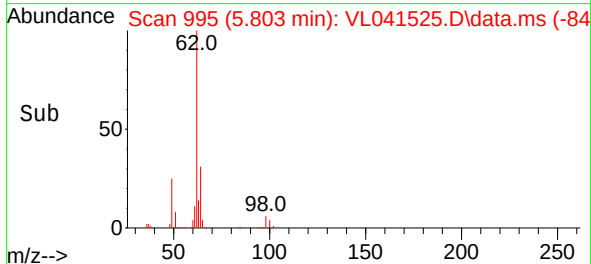
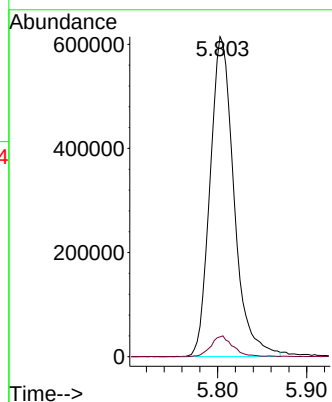
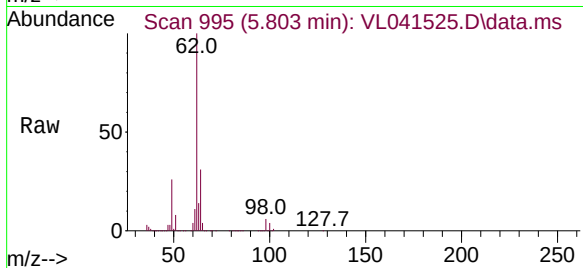
VSTDCCC010EC

Tgt Ion: 62 Resp: 1144849

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 9.869 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion:130 Resp: 928679

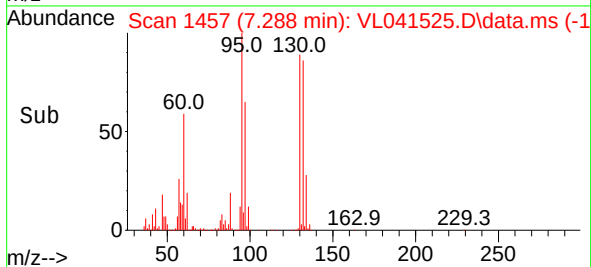
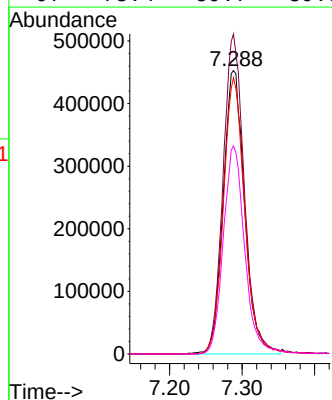
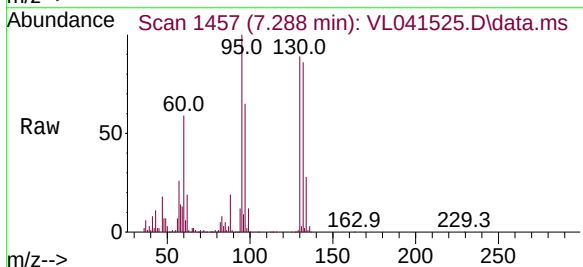
Ion Ratio Lower Upper

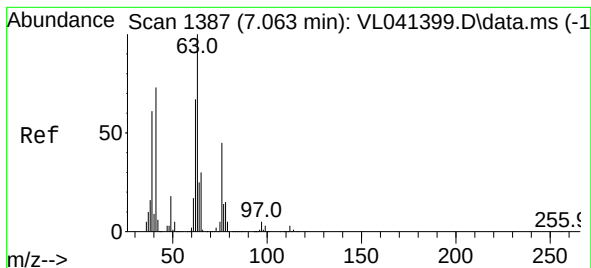
130 100

95 112.9 90.2 135.2

132 97.5 78.1 117.1

97 73.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.046 ppbv

RT: 7.069 min Scan# 14

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

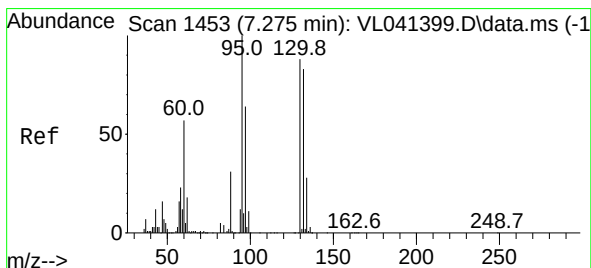
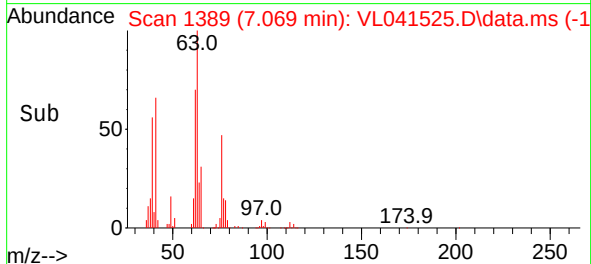
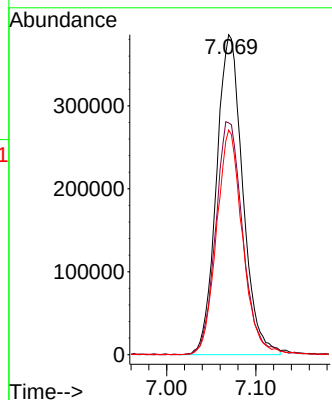
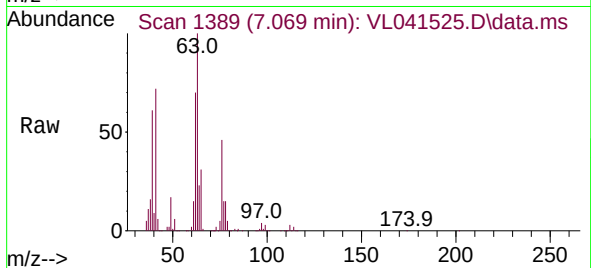
Tgt Ion: 63 Resp: 789968

Ion Ratio Lower Upper

63 100

41 72.3 58.3 87.5

62 70.2 53.9 80.9



#40

1,4-Dioxane

Concen: 6.855 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion: 88 Resp: 216526

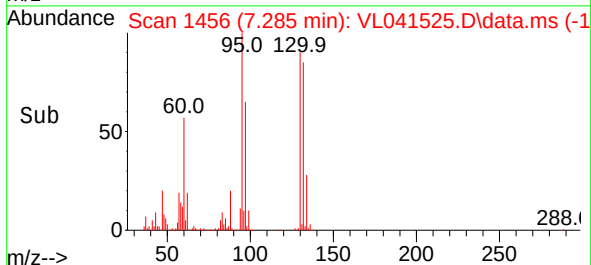
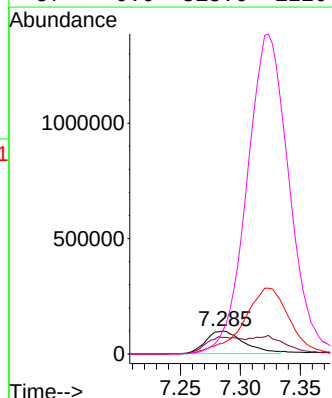
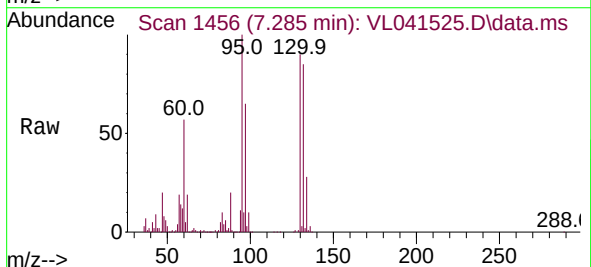
Ion Ratio Lower Upper

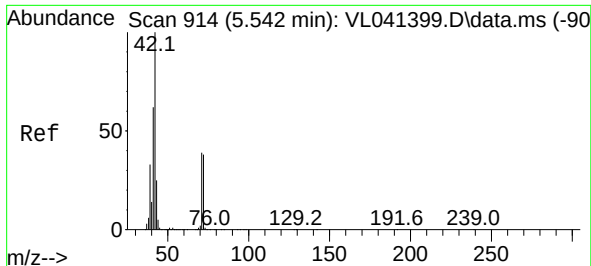
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 10.715 ppbv

RT: 5.552 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

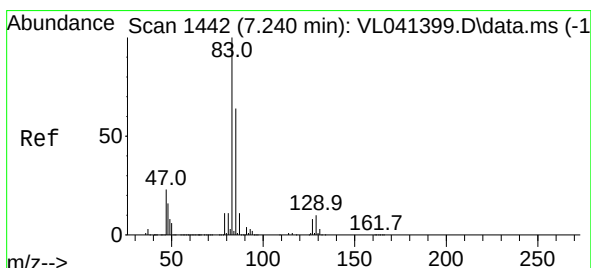
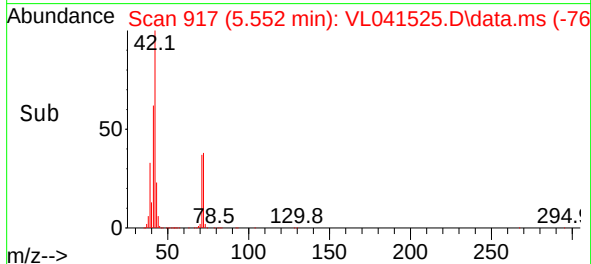
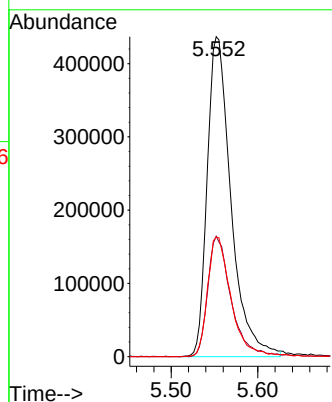
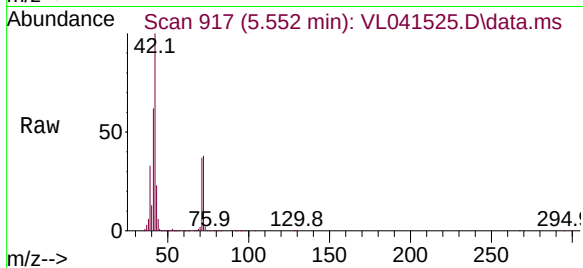
Tgt Ion: 42 Resp: 833285

Ion Ratio Lower Upper

42 100

72 37.3 31.2 46.8

71 37.2 30.5 45.7



#42

Bromodichloromethane

Concen: 9.853 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

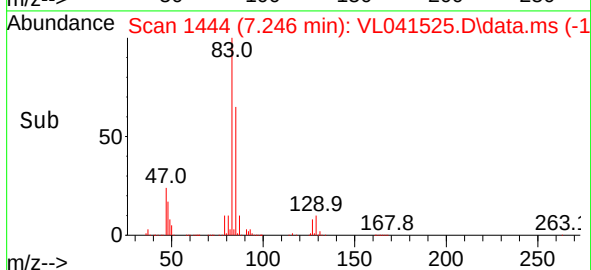
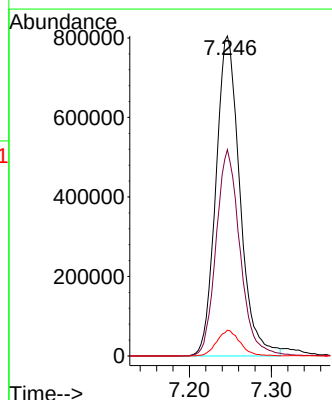
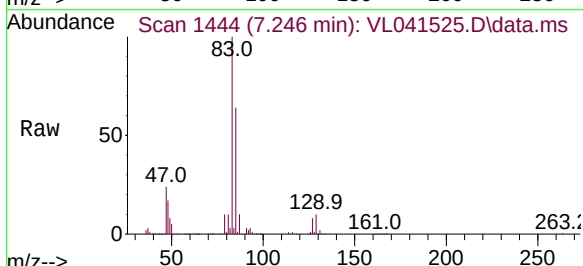
Tgt Ion: 83 Resp: 1635634

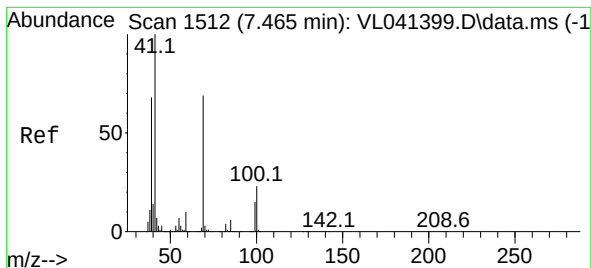
Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

127 8.0 6.7 10.1





#43

Methyl Methacrylate

Concen: 10.835 ppbv

RT: 7.471 min Scan# 1514

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

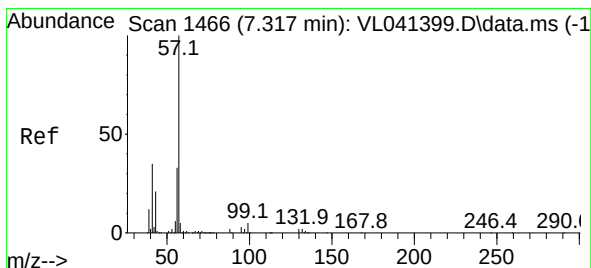
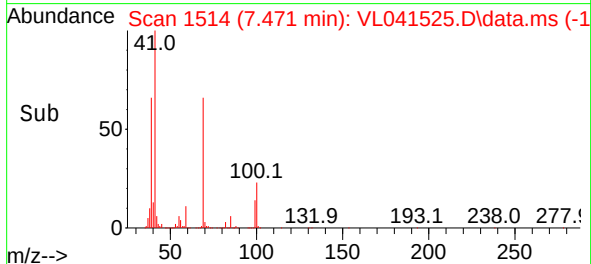
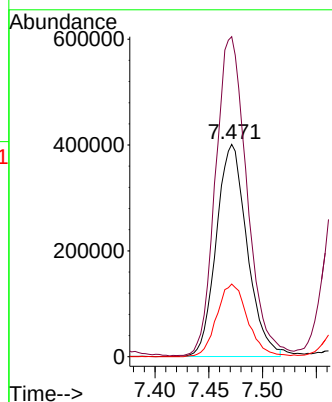
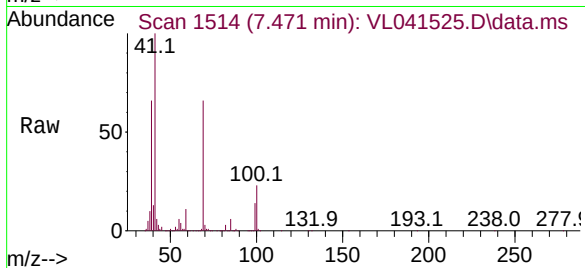
Tgt Ion: 69 Resp: 798062

Ion Ratio Lower Upper

69 100

41 154.3 118.7 178.1

100 34.5 27.0 40.4



#44

2,2,4-Trimethylpentane

Concen: 9.906 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

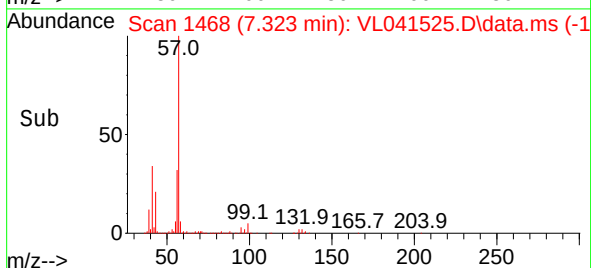
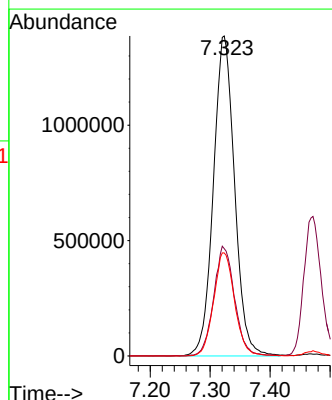
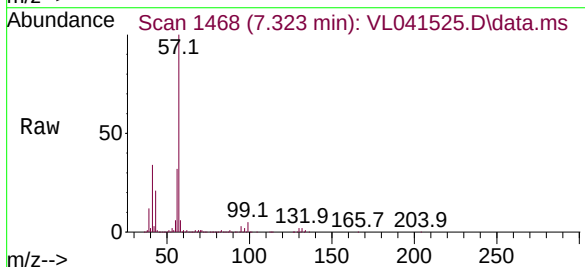
Tgt Ion: 57 Resp: 3398347

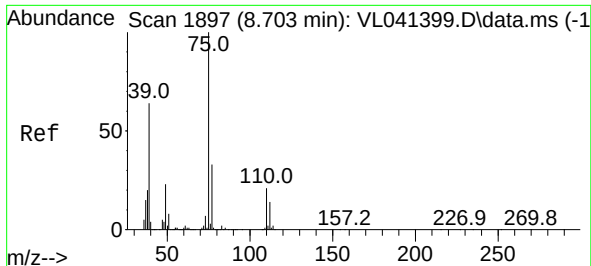
Ion Ratio Lower Upper

57 100

41 33.9 27.0 40.6

56 32.0 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 11.959 ppbv

RT: 8.706 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

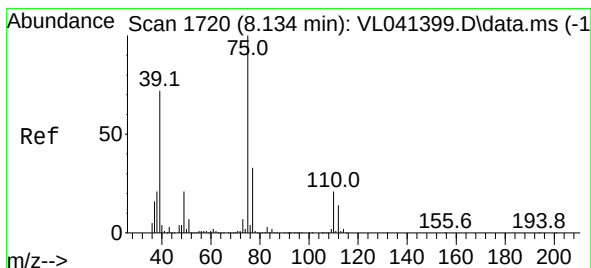
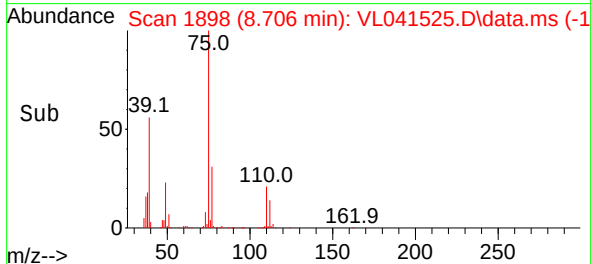
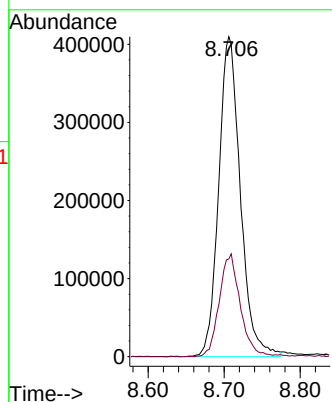
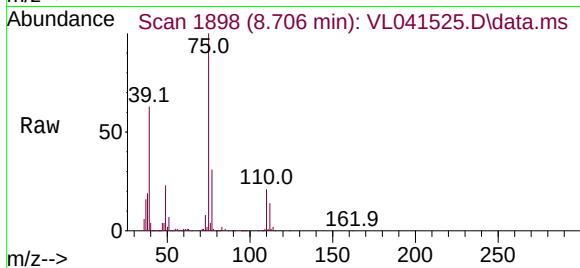
VSTDCCC010EC

Tgt Ion: 75 Resp: 810708

Ion Ratio Lower Upper

75 100

77 30.6 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 11.017 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

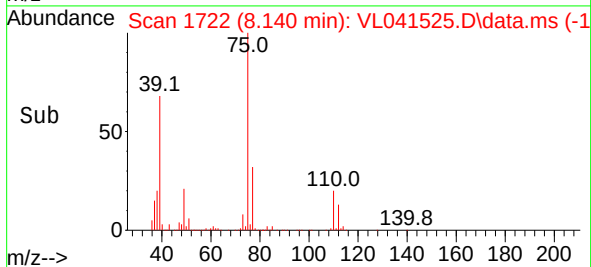
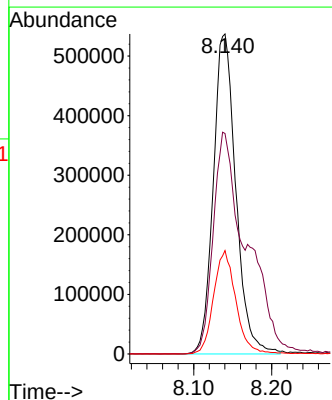
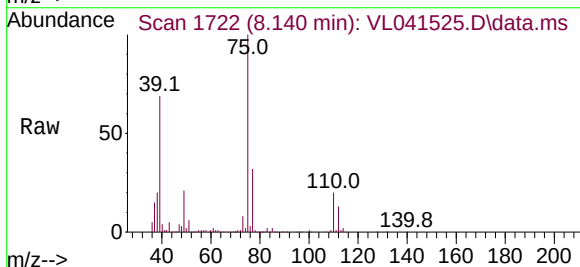
Tgt Ion: 75 Resp: 1078512

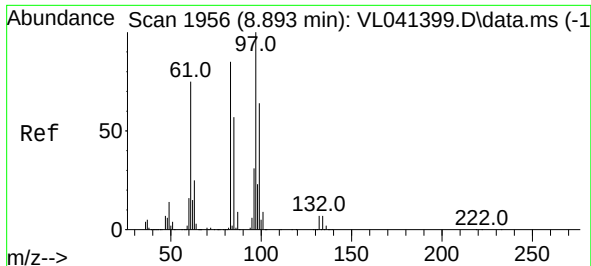
Ion Ratio Lower Upper

75 100

39 68.8 57.3 85.9

77 32.3 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.689 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 839814

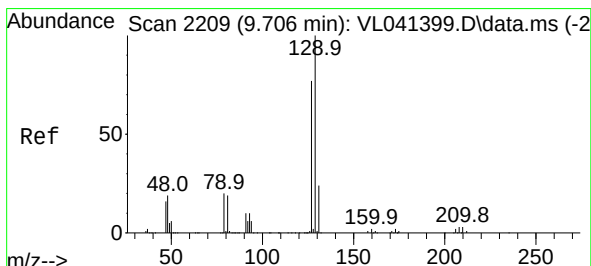
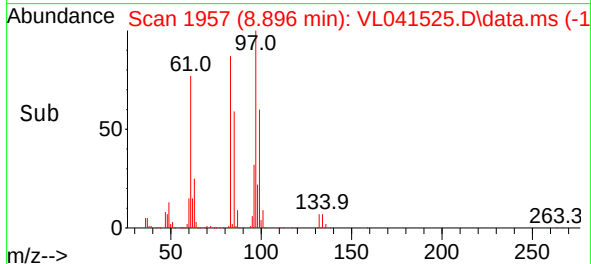
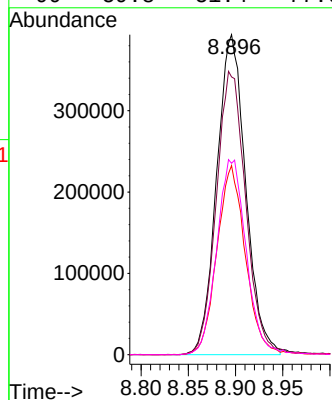
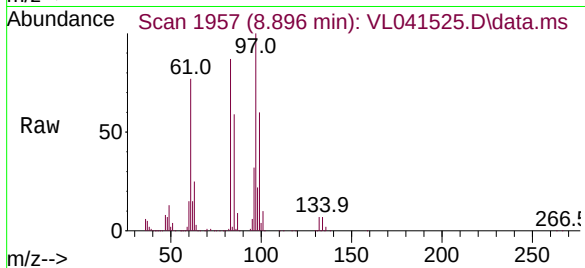
Ion Ratio Lower Upper

97 100

83 86.7 67.6 101.4

85 59.1 45.9 68.9

99 59.8 51.4 77.0



#48

Dibromochloromethane

Concen: 10.012 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VL041525.D

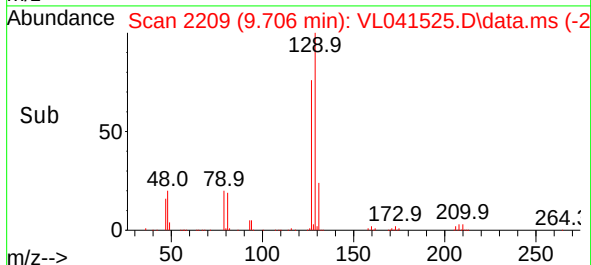
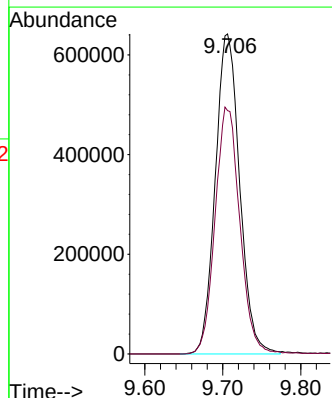
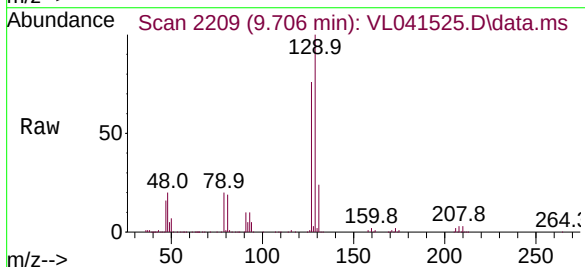
Acq: 8 Aug 2024 23:23

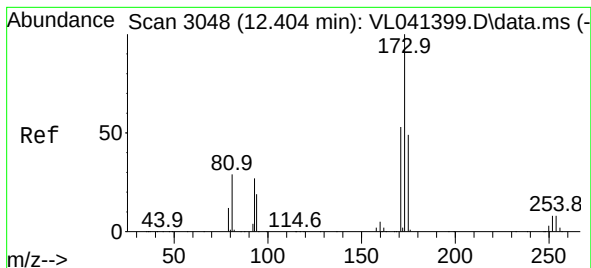
Tgt Ion: 129 Resp: 1398031

Ion Ratio Lower Upper

129 100

127 78.4 39.3 117.8





#49

Bromoform

Concen: 10.293 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

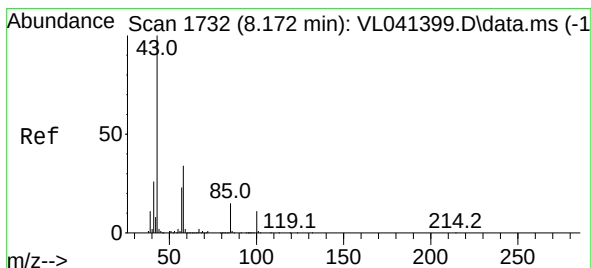
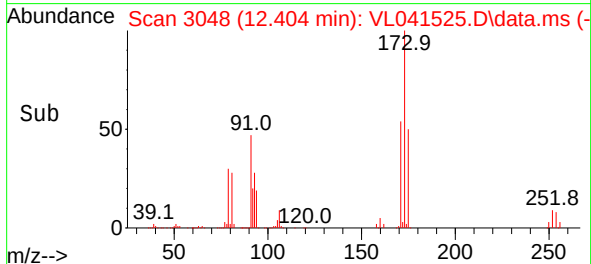
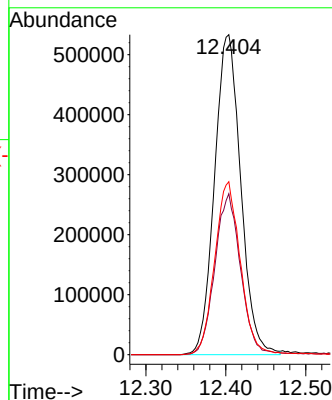
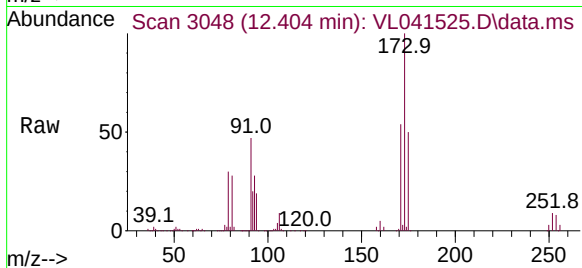
Tgt Ion:173 Resp: 1214092

Ion Ratio Lower Upper

173 100

175 49.7 39.9 59.9

171 53.3 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.528 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VL041525.D

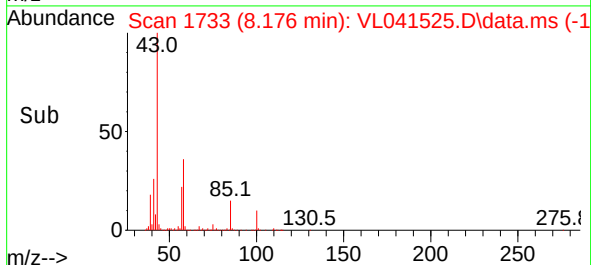
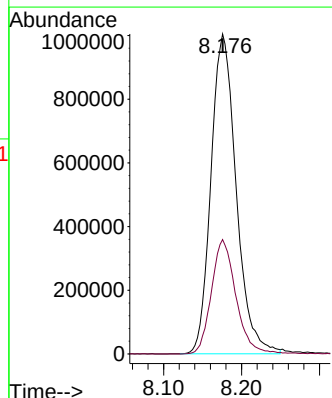
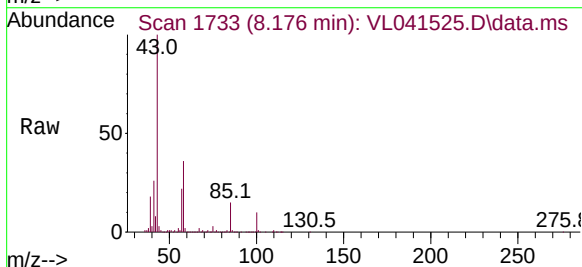
Acq: 8 Aug 2024 23:23

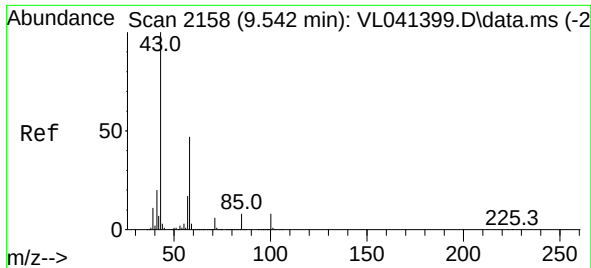
Tgt Ion: 43 Resp: 2258676

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9

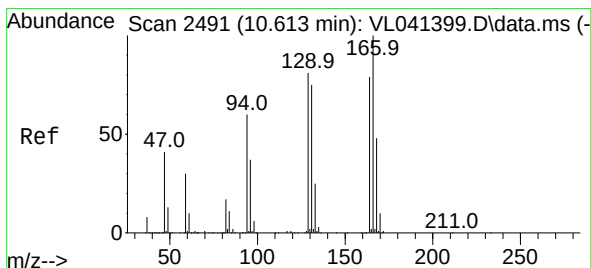
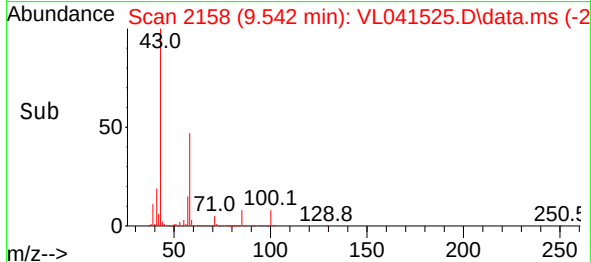
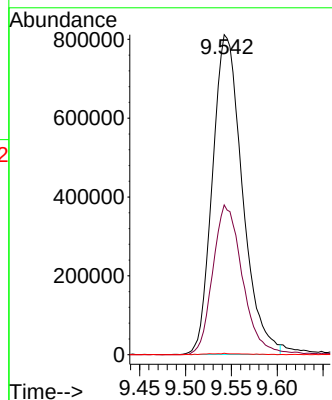
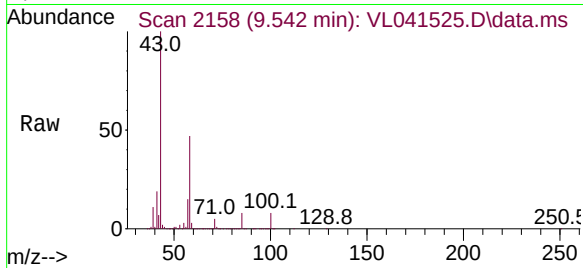




#51
2-Hexanone
Concen: 11.330 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

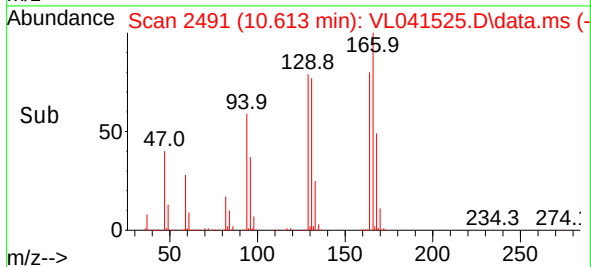
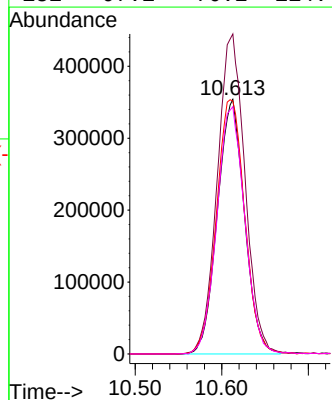
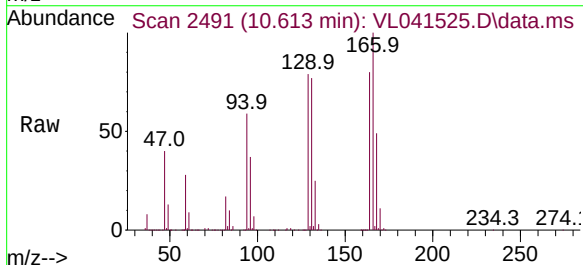
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

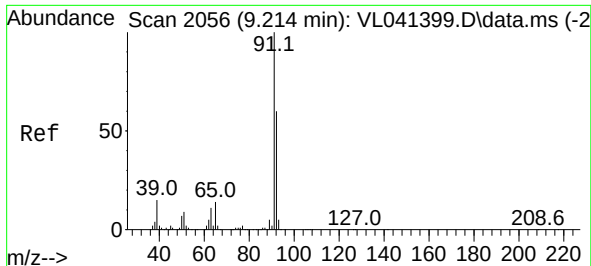
Tgt Ion: 43 Resp: 1837837
Ion Ratio Lower Upper
43 100
58 47.4 38.2 57.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.678 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion:164 Resp: 768071
Ion Ratio Lower Upper
164 100
166 125.7 101.1 151.7
129 99.3 81.7 122.5
131 97.1 76.2 114.4





#53

Toluene

Concen: 10.404 ppbv

RT: 9.217 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

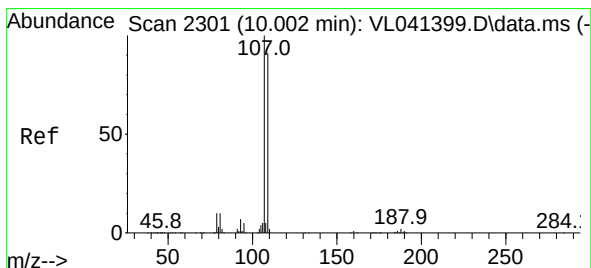
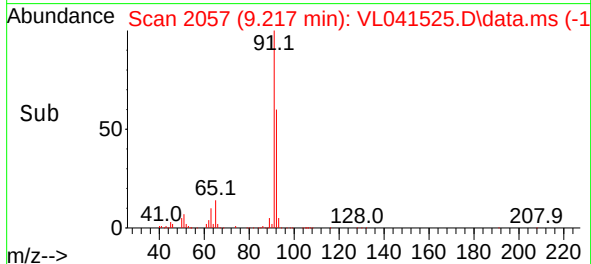
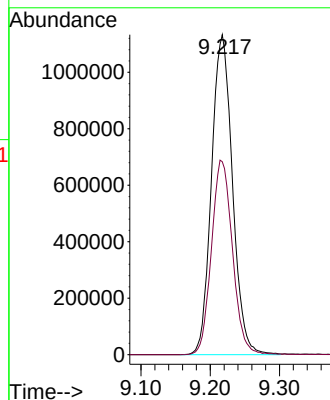
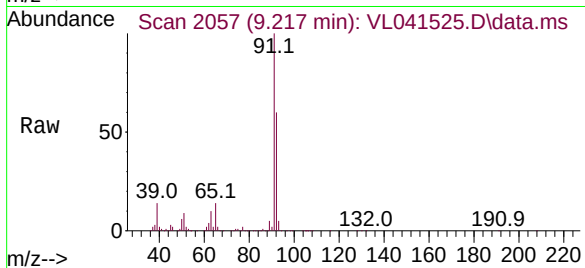
VSTDCCC010EC

Tgt Ion: 91 Resp: 2380296

Ion Ratio Lower Upper

91 100

92 61.1 48.7 73.1



#54

1,2-Dibromoethane

Concen: 10.548 ppbv

RT: 10.005 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VL041525.D

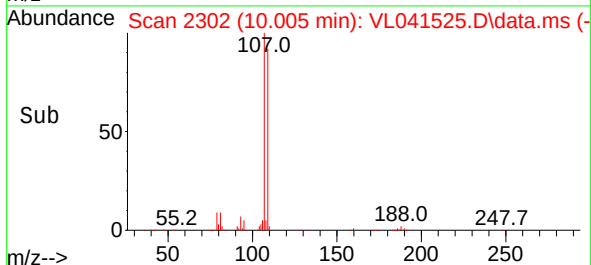
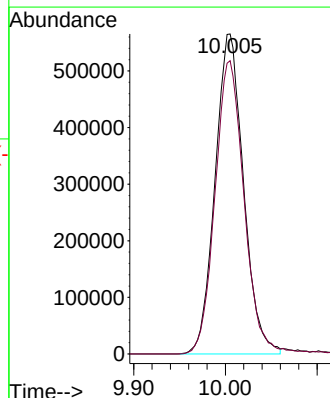
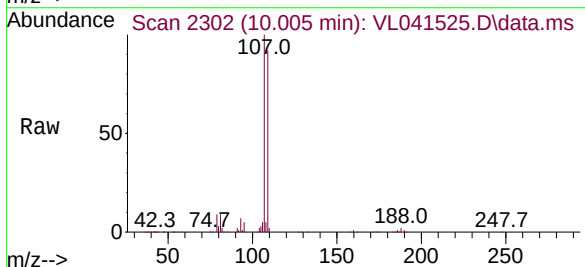
Acq: 8 Aug 2024 23:23

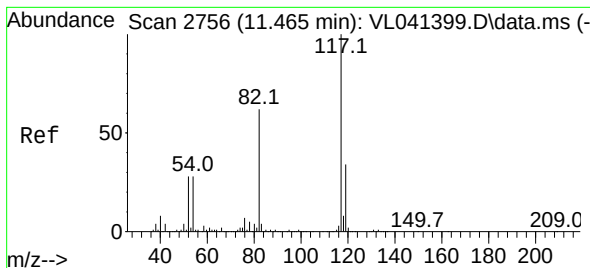
Tgt Ion: 107 Resp: 1216973

Ion Ratio Lower Upper

107 100

109 91.6 72.7 109.1

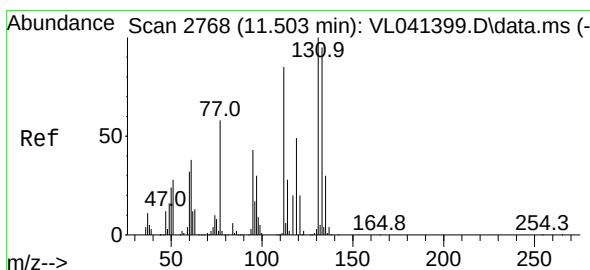
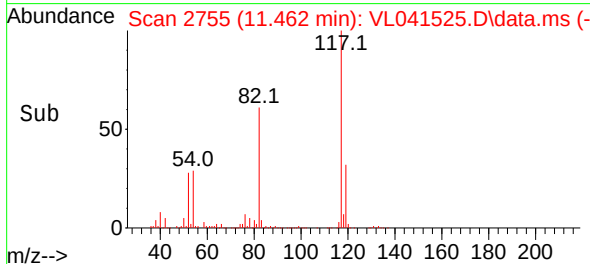
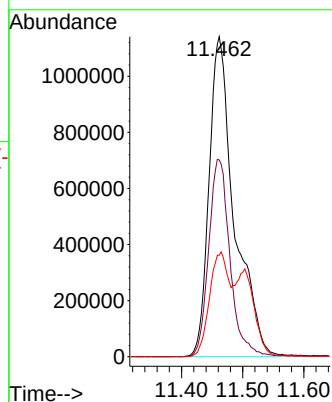
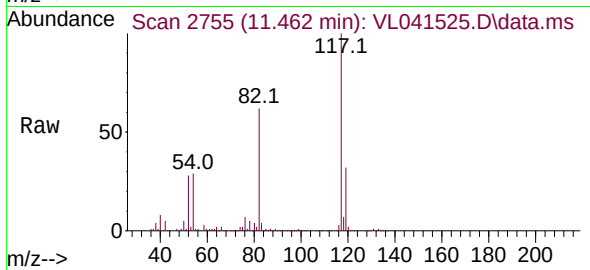




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

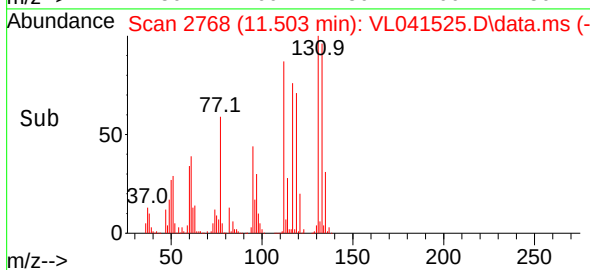
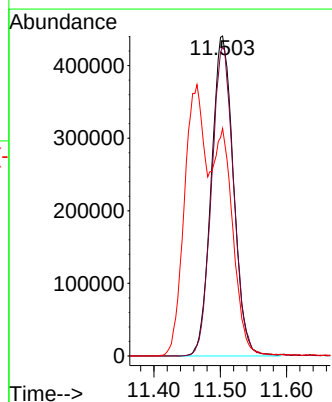
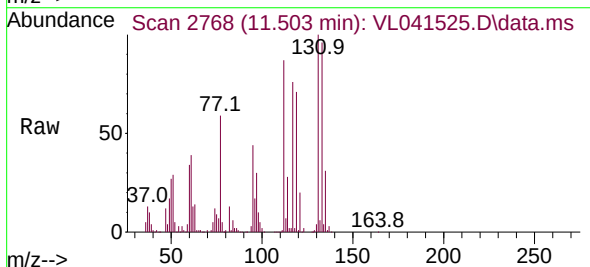
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

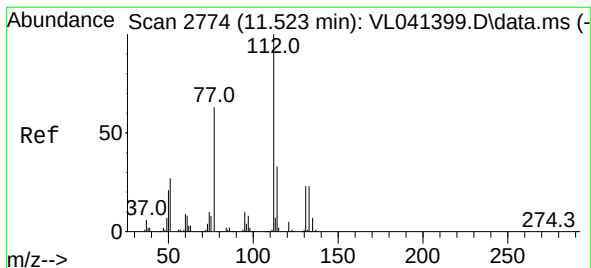
Tgt Ion:117 Resp: 3275026
Ion Ratio Lower Upper
117 100
82 52.2 51.0 76.6
119 24.7 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.068 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion:131 Resp: 1024758
Ion Ratio Lower Upper
131 100
133 96.7 77.0 115.4
119 59.0 121.5 182.3#

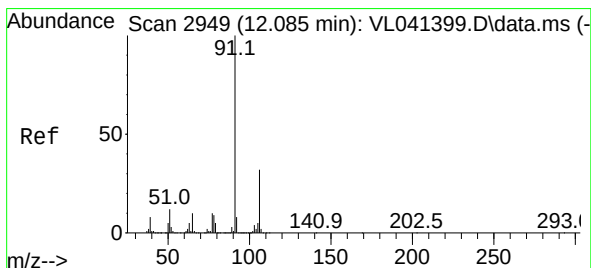
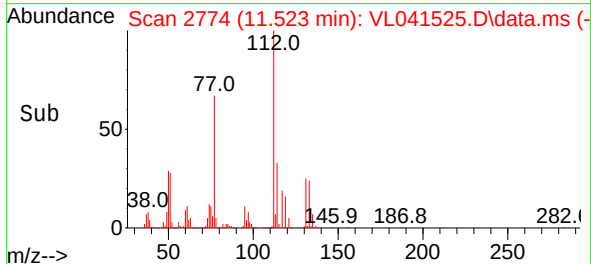
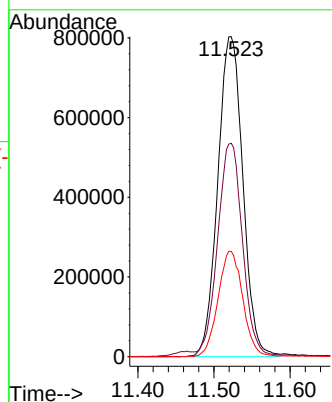
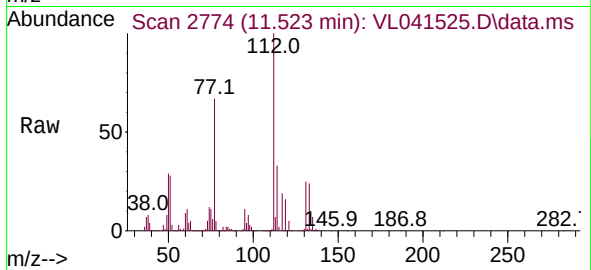




#57
Chlorobenzene
Concen: 7.901 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

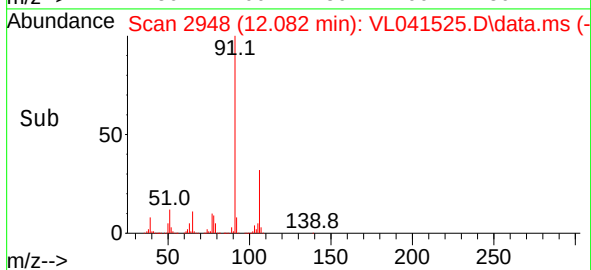
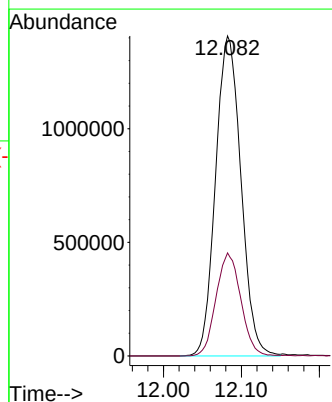
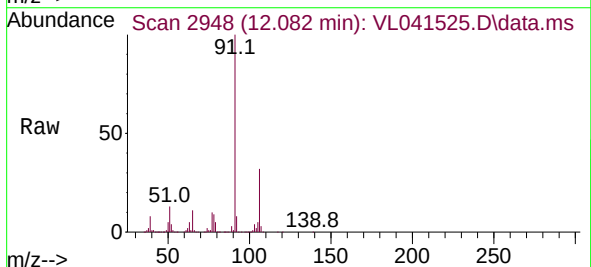
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

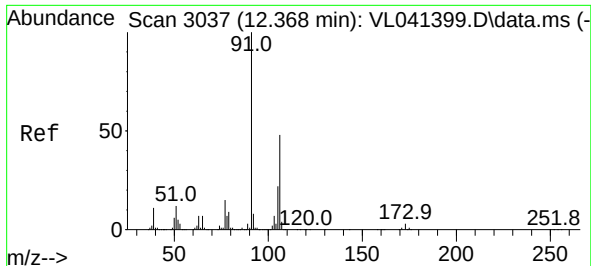
Tgt Ion:112 Resp: 1842374
Ion Ratio Lower Upper
112 100
77 66.0 51.1 76.7
114 32.9 29.5 36.1



#58
Ethyl Benzene
Concen: 8.435 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 91 Resp: 3184233
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8





#59

m/p-Xylene

Concen: 8.852 ppbv

RT: 12.365 min Scan# 3037

Delta R.T. -0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

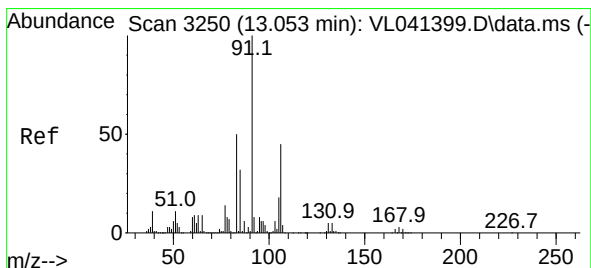
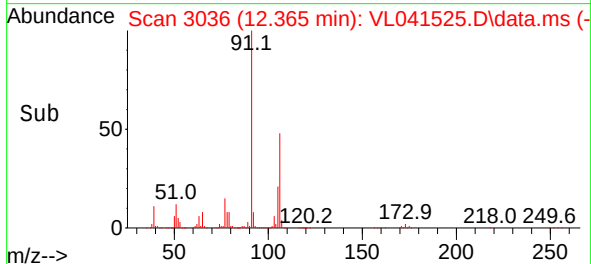
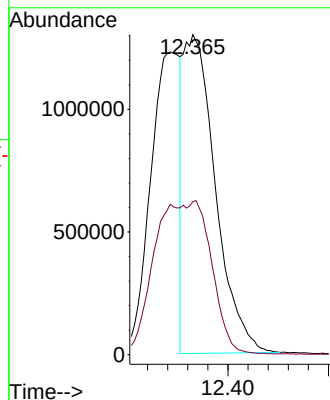
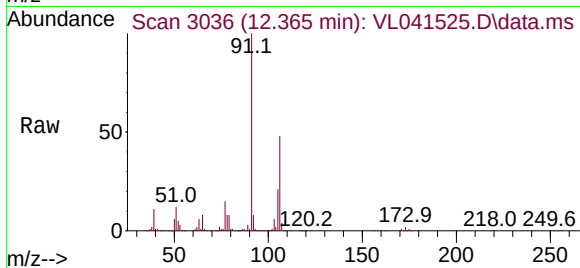
VSTDCCC010EC

Tgt Ion: 91 Resp: 2884587

Ion Ratio Lower Upper

91 100

106 85.6 36.3 54.5#



#60

o-Xylene

Concen: 8.385 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VL041525.D

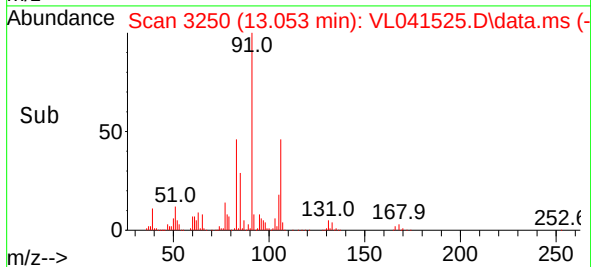
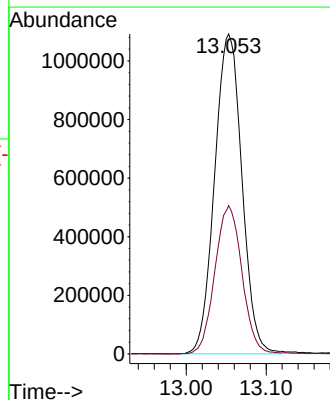
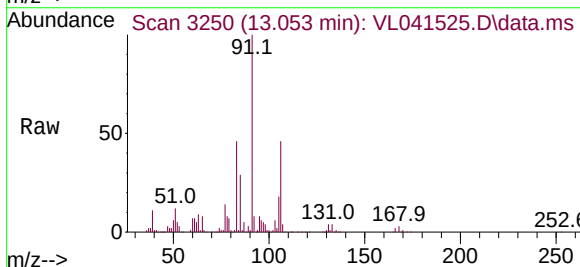
Acq: 8 Aug 2024 23:23

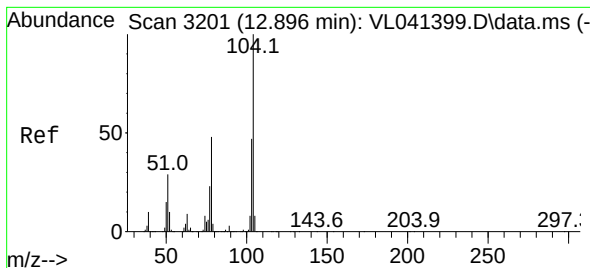
Tgt Ion: 91 Resp: 2584764

Ion Ratio Lower Upper

91 100

106 46.2 23.1 69.3





#61

Styrene

Concen: 9.082 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

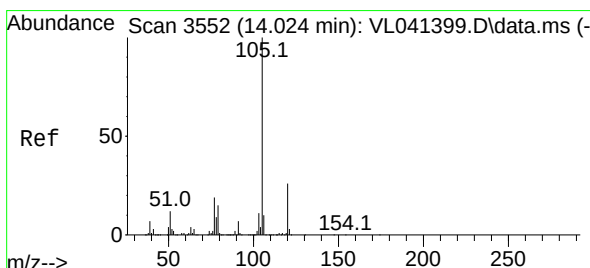
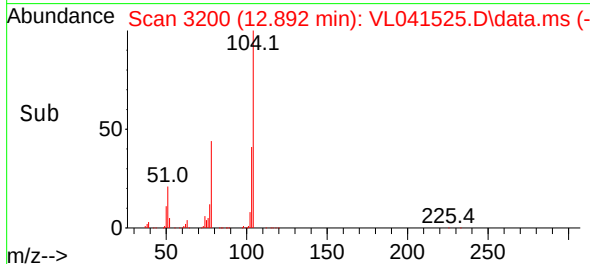
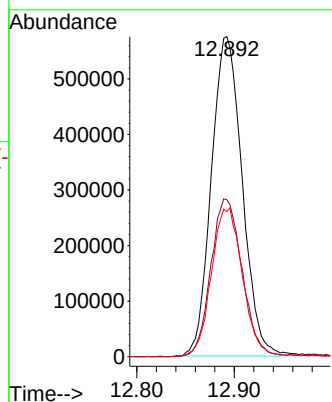
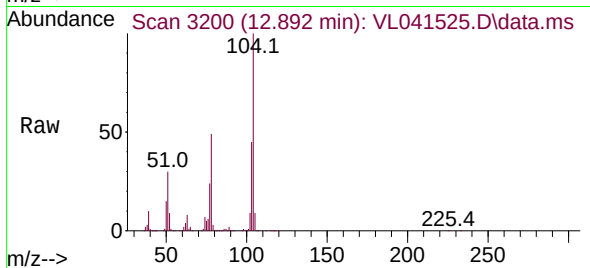
Tgt Ion:104 Resp: 1262975

Ion Ratio Lower Upper

104 100

78 50.6 40.8 61.2

103 47.4 38.2 57.4



#62

Isopropylbenzene

Concen: 8.053 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.003 min

Lab File: VL041525.D

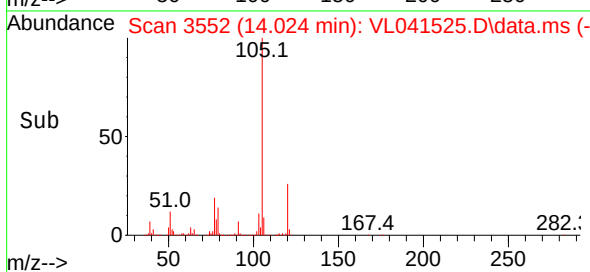
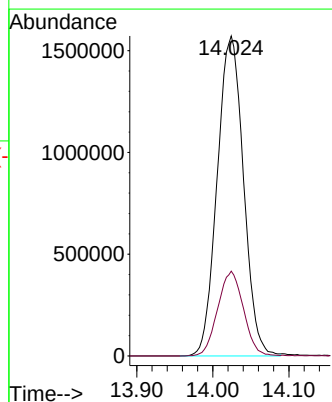
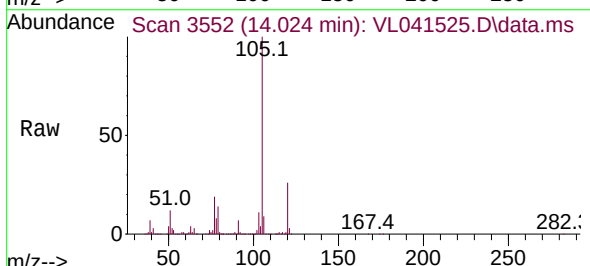
Acq: 8 Aug 2024 23:23

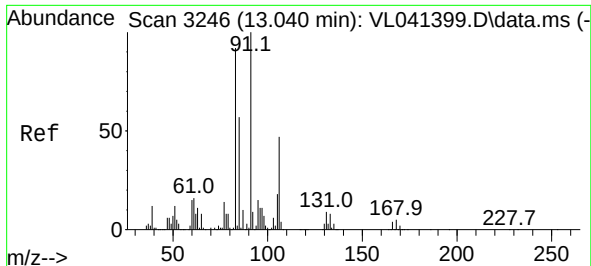
Tgt Ion:105 Resp: 3773757

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.4





#63

1,1,2,2-Tetrachloroethane

Concen: 8.134 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

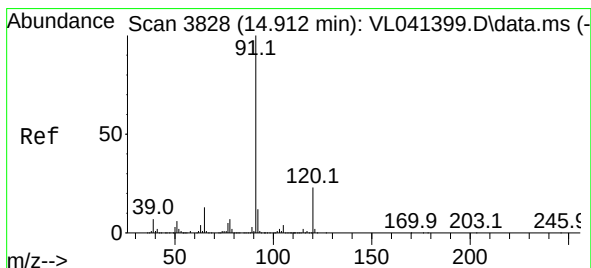
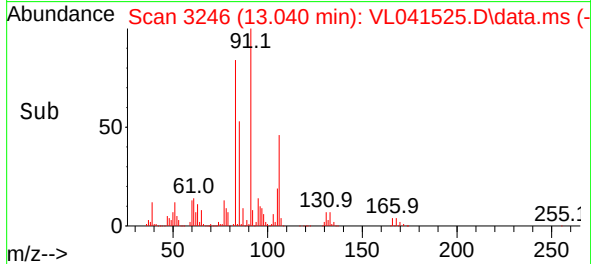
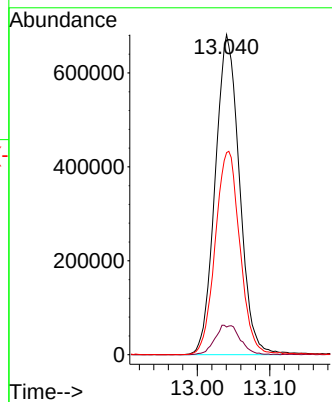
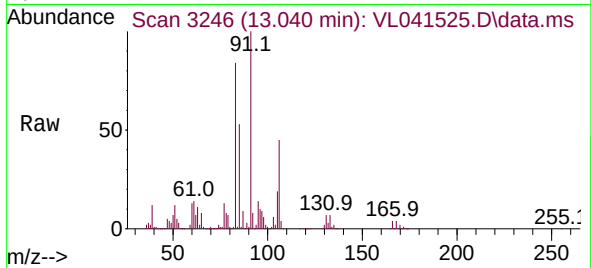
Tgt Ion: 83 Resp: 1583340

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 65.3 32.6 98.0



#64

n-propylbenzene

Concen: 8.217 ppbv

RT: 14.908 min Scan# 3827

Delta R.T. -0.003 min

Lab File: VL041525.D

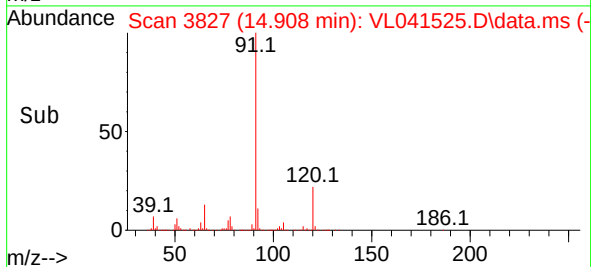
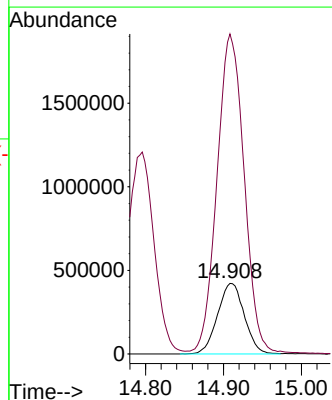
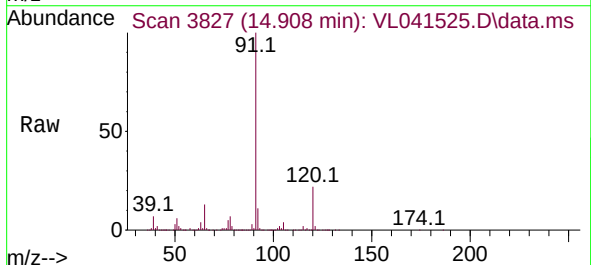
Acq: 8 Aug 2024 23:23

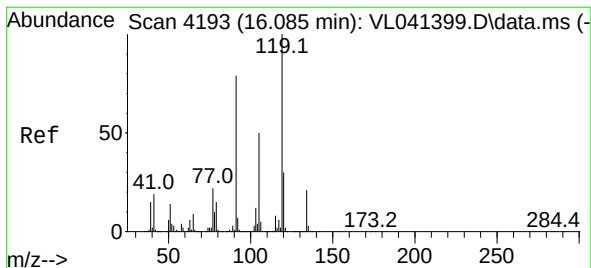
Tgt Ion:120 Resp: 1006700

Ion Ratio Lower Upper

120 100

91 463.0 361.4 542.0

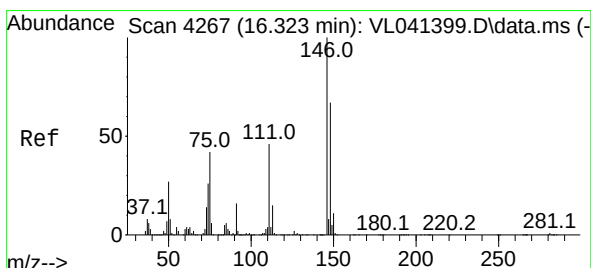
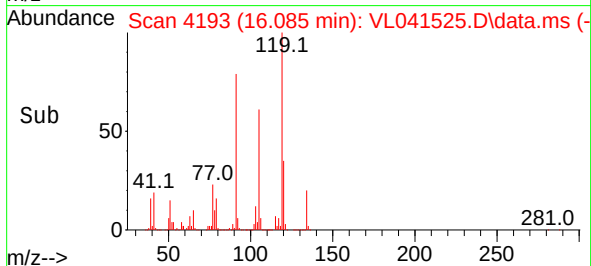
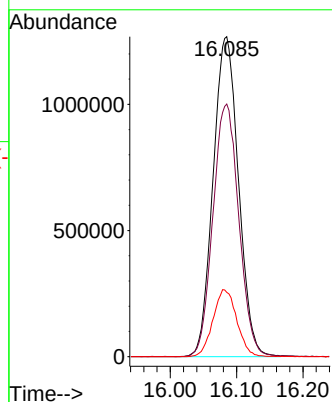
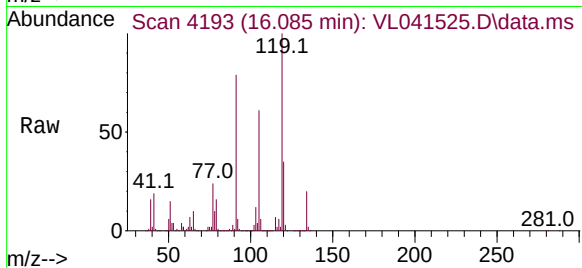




#65
tert-Butylbenzene
Concen: 7.970 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

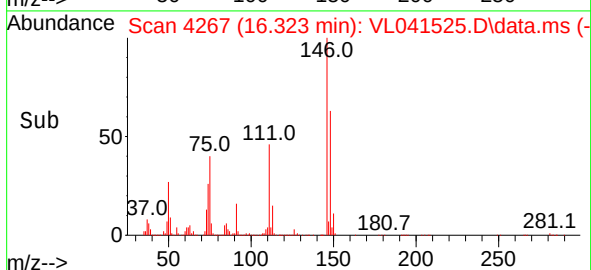
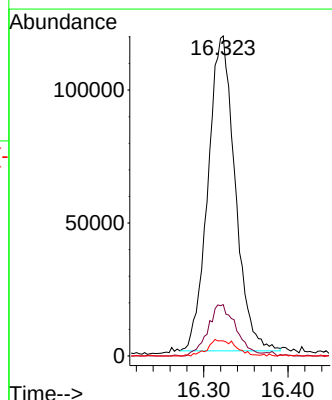
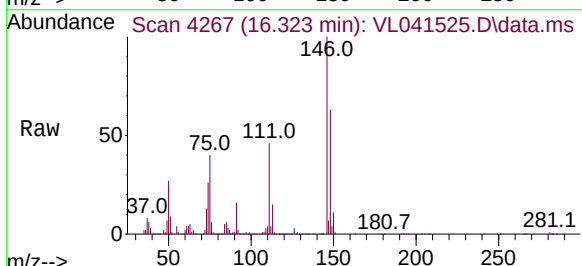
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

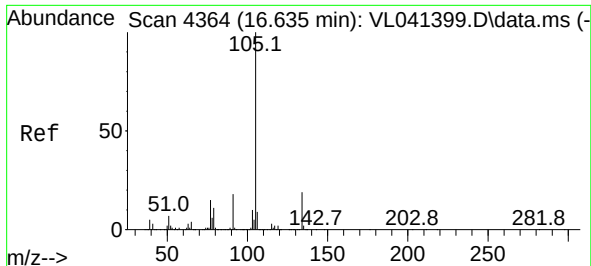
Tgt Ion:119 Resp: 3373340
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.7 15.7 23.5



#66
Benzyl Chloride
Concen: 9.766 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion: 91 Resp: 265144
Ion Ratio Lower Upper
91 100
126 17.5 13.8 20.8
128 5.3 4.4 6.6





#67

sec-Butylbenzene

Concen: 8.111 ppbv

RT: 16.629 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

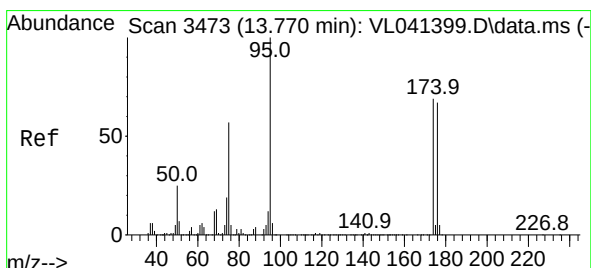
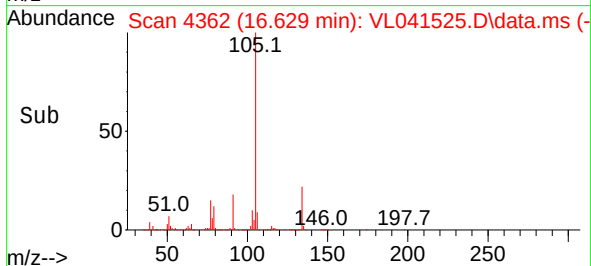
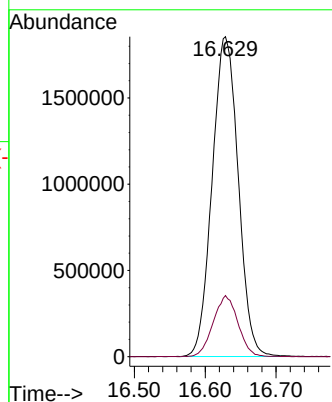
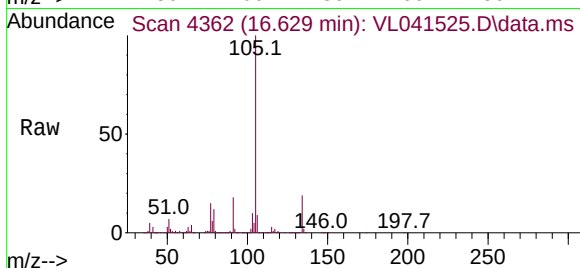
VSTDCCC010EC

Tgt Ion:105 Resp: 4730028

Ion Ratio Lower Upper

105 100

134 18.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.294 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

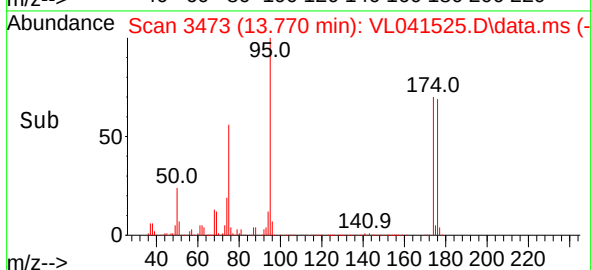
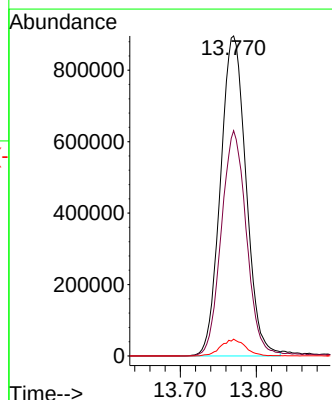
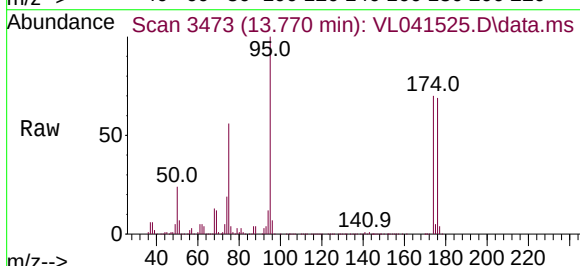
Tgt Ion: 95 Resp: 2090482

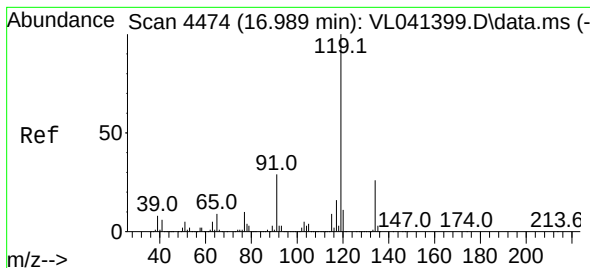
Ion Ratio Lower Upper

95 100

174 70.3 56.3 84.5

175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.228 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

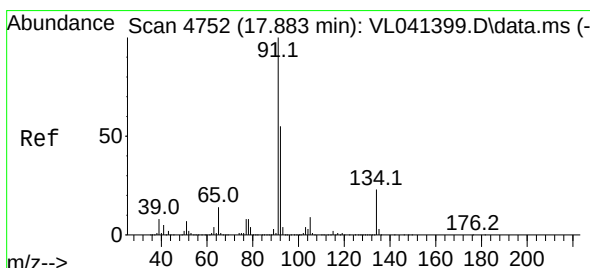
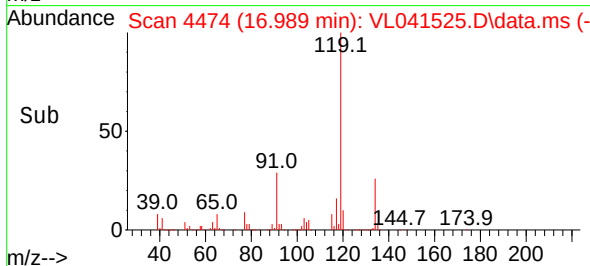
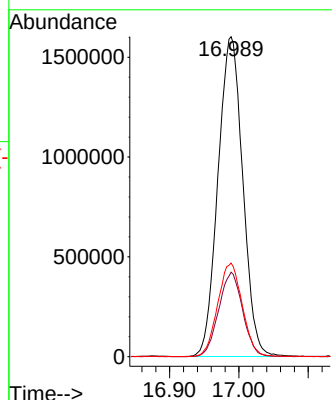
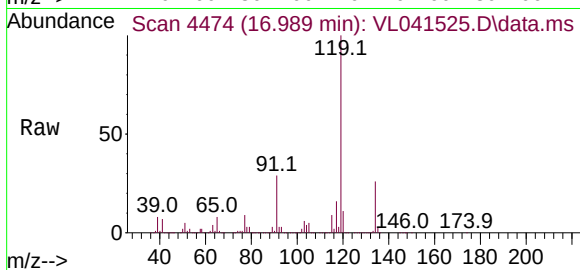
Tgt Ion:119 Resp: 3981759

Ion Ratio Lower Upper

119 100

134 25.7 20.5 30.7

91 28.9 23.2 34.8



#70

n-Butylbenzene

Concen: 8.311 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

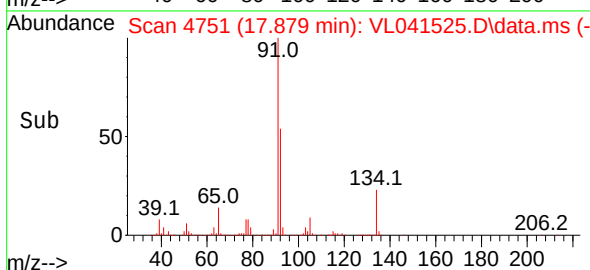
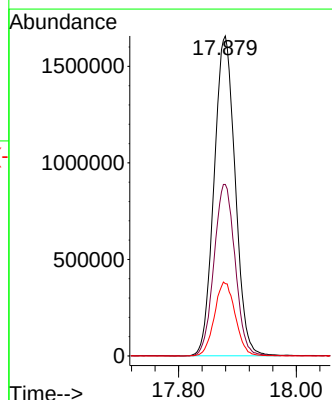
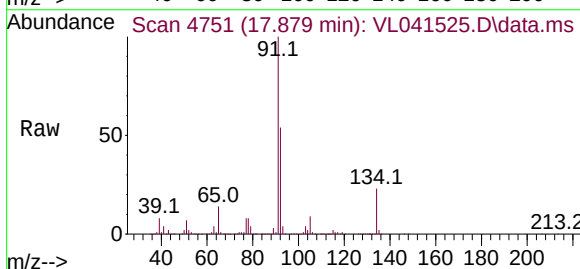
Tgt Ion: 91 Resp: 4122783

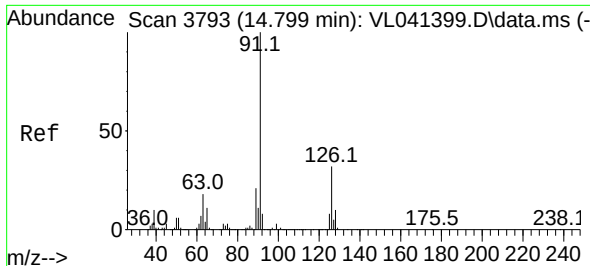
Ion Ratio Lower Upper

91 100

92 53.9 43.2 64.8

134 22.9 18.5 27.7

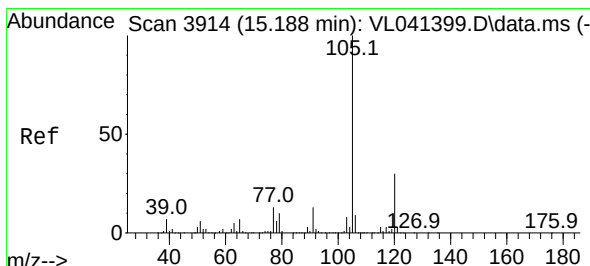
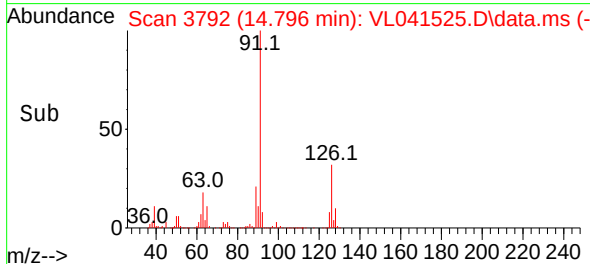
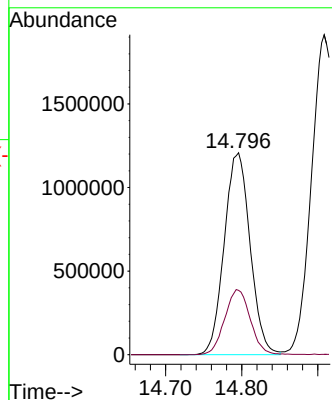
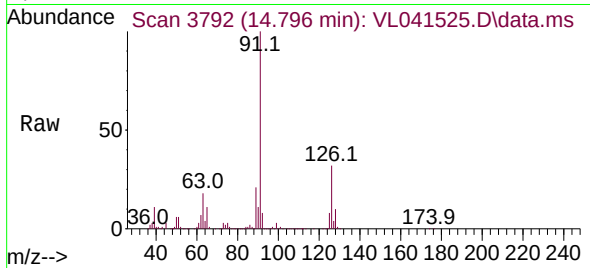




#71
2-Chlorotoluene
Concen: 8.264 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

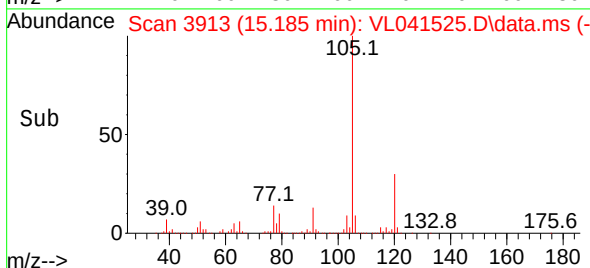
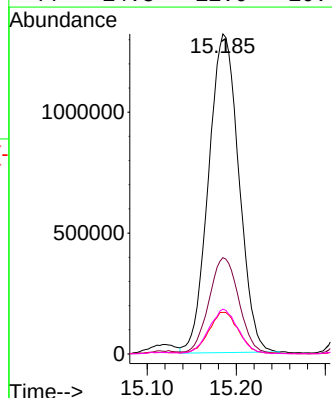
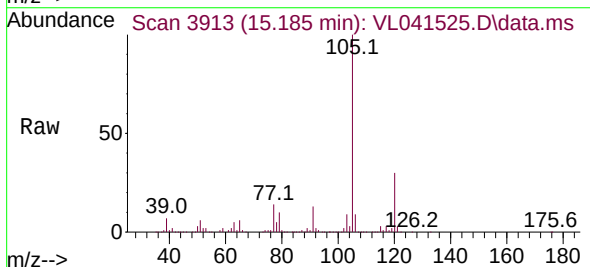
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

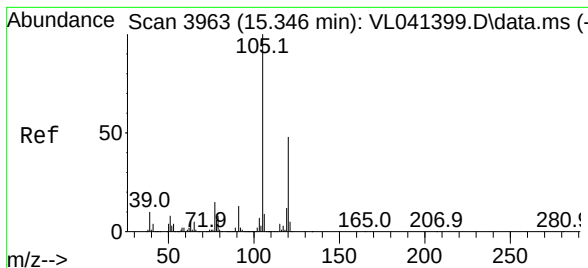
Tgt Ion: 91 Resp: 2855879
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9



#72
4-Ethyltoluene
Concen: 8.584 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion:105 Resp: 3115203
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 13.6 10.4 15.6
77 14.3 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 8.536 ppbv

RT: 15.342 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

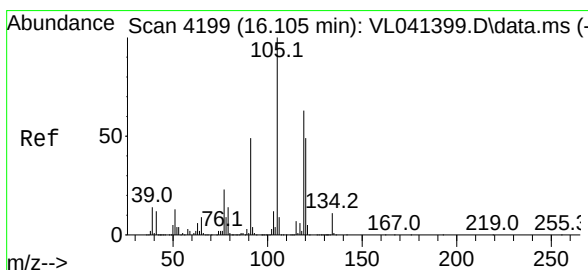
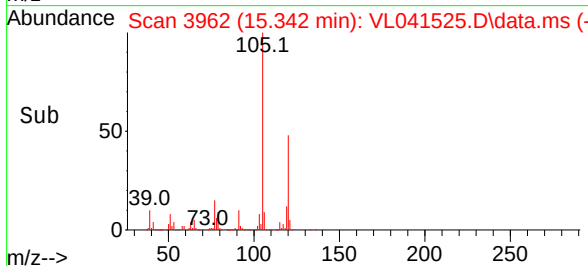
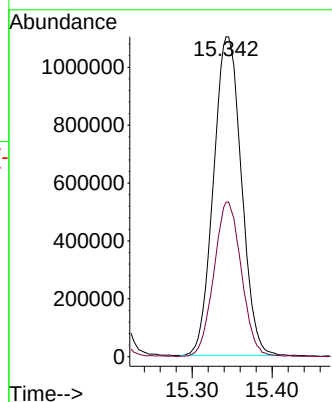
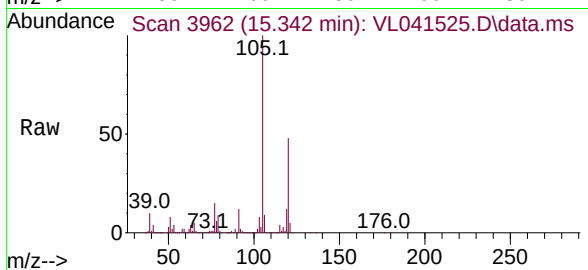
VSTDCCC010EC

Tgt Ion:105 Resp: 2668747

Ion Ratio Lower Upper

105 100

120 48.4 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.149 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Tgt Ion:105 Resp: 2961905

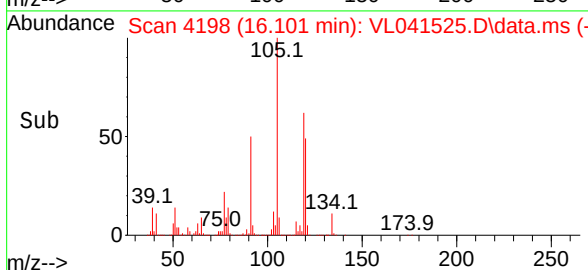
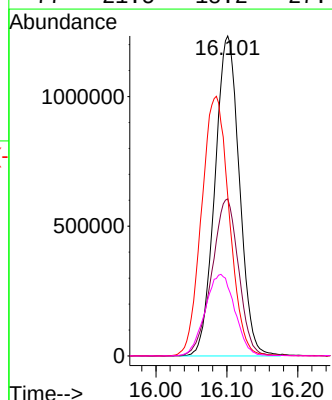
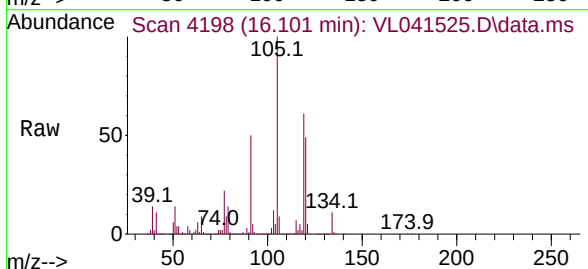
Ion Ratio Lower Upper

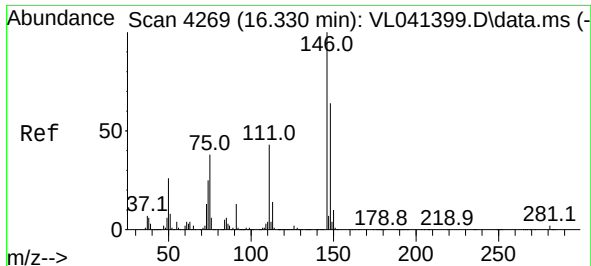
105 100

120 49.0 39.5 59.3

91 50.0 39.8 59.8

77 21.5 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.028 ppbv

RT: 16.323 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

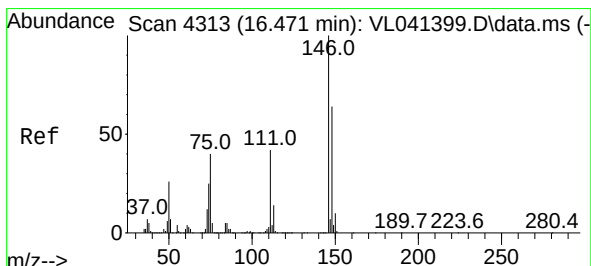
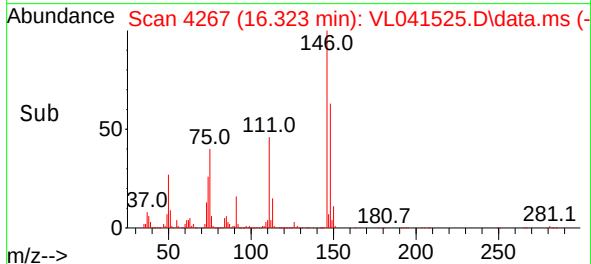
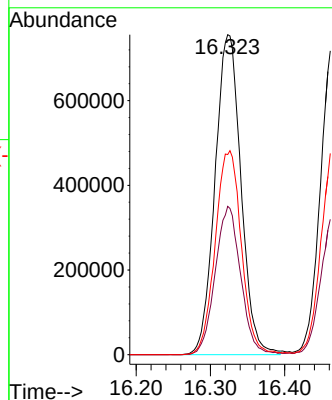
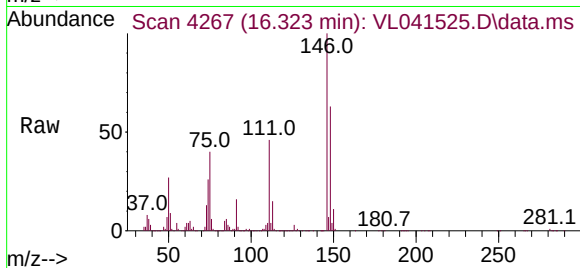
Tgt Ion:146 Resp: 1834331

Ion Ratio Lower Upper

146 100

111 45.6 22.6 67.8

148 64.5 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.129 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

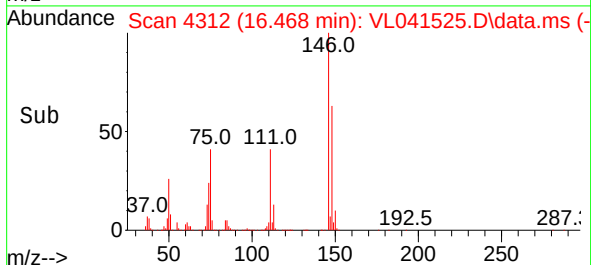
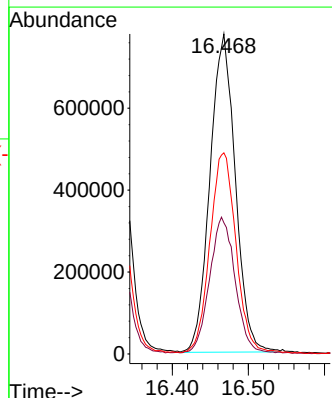
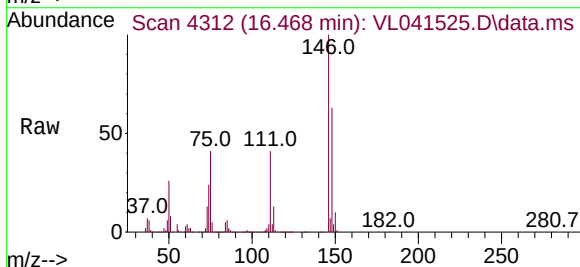
Tgt Ion:146 Resp: 1798524

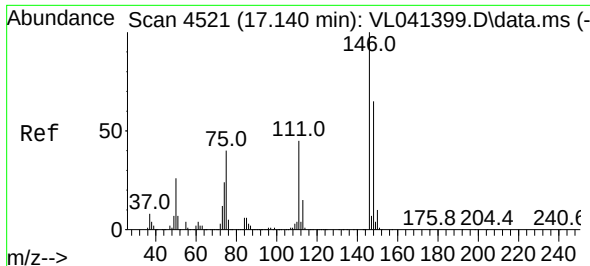
Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.0

148 66.1 33.1 99.5

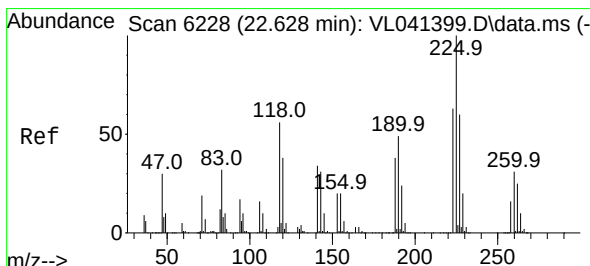
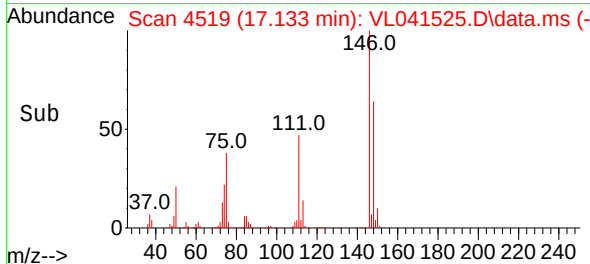
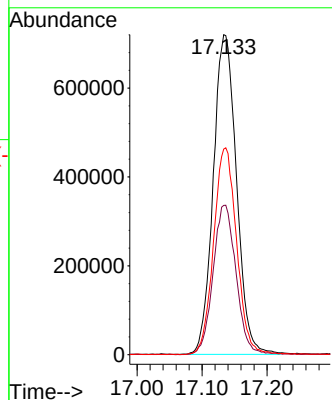
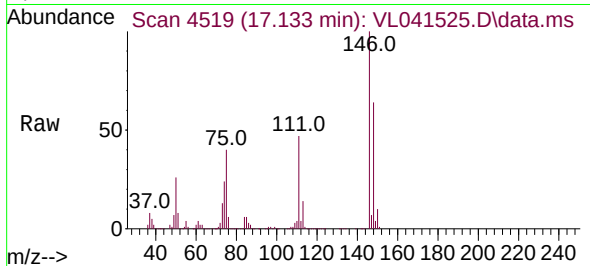




#77
1,2-Dichlorobenzene
Concen: 7.890 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

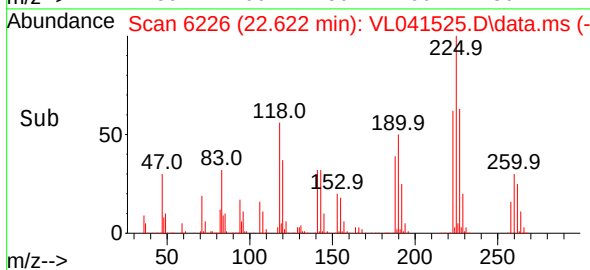
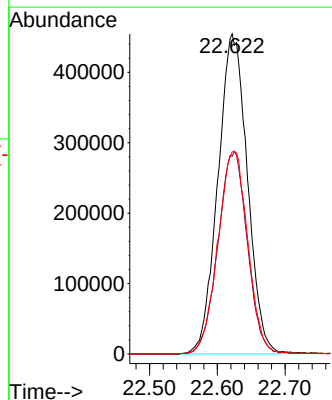
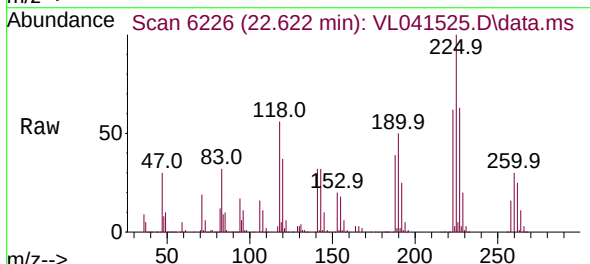
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

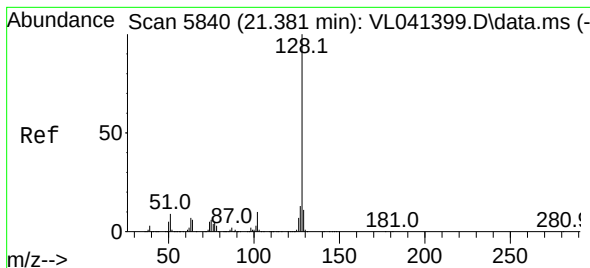
Tgt Ion:146 Resp: 1787070
Ion Ratio Lower Upper
146 100
111 46.8 23.4 70.0
148 64.2 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.102 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL041525.D
Acq: 8 Aug 2024 23:23

Tgt Ion:225 Resp: 1371775
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 64.3 50.8 76.2





#79

Naphthalene

Concen: 9.468 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.000 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

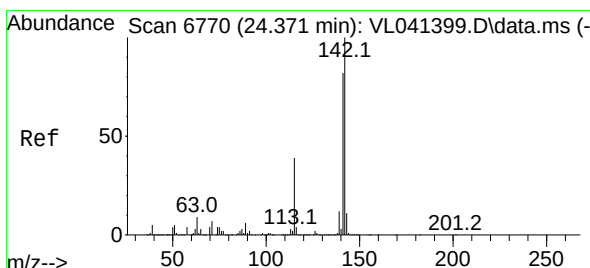
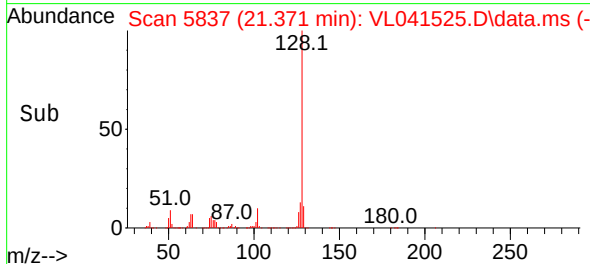
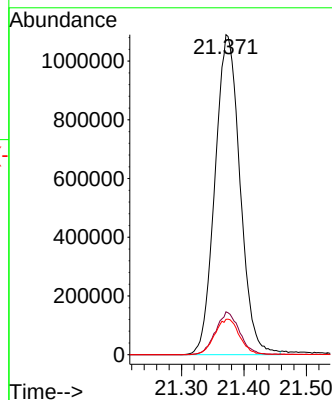
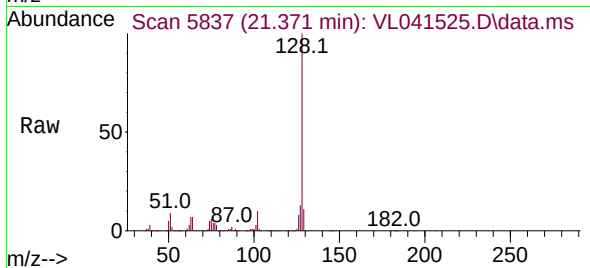
Tgt Ion:128 Resp: 3037446

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 8.335 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.003 min

Lab File: VL041525.D

Acq: 8 Aug 2024 23:23

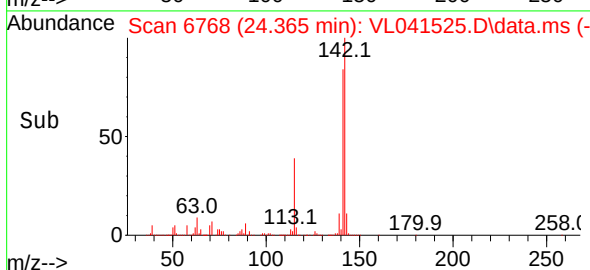
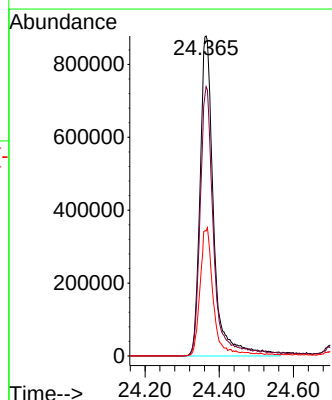
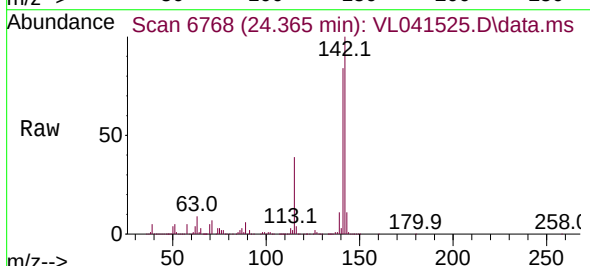
Tgt Ion:142 Resp: 2241512

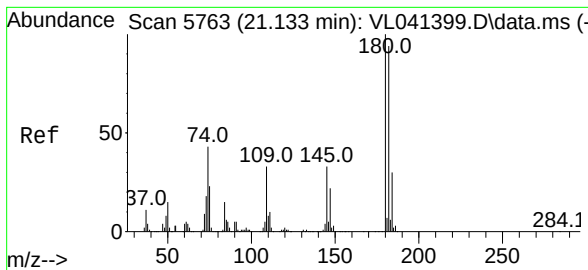
Ion Ratio Lower Upper

142 100

141 84.9 67.0 100.4

115 40.2 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.453 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041525.D
 Acq: 8 Aug 2024 23:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 1613809
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.7 115.1
 184 30.8 24.5 36.7

