

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041126.D
 Acq On : 4 Apr 2024 13:21
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Apr 05 04:19:28 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1434900	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	3659594	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.503	117	3712039	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.815	95	2952104	9.926	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	2946925	11.970	ppbv	100
3) Chlorodifluoromethane	2.681	51	2900942	13.126	ppbv	98
4) Chloromethane	2.819	50	1133883	13.558	ppbv	99
5) Vinyl Chloride	2.928	62	1174301	14.692	ppbv	99
6) Bromomethane	3.128	94	436698	14.360	ppbv	93
7) Chloroethane	3.208	64	410560	14.102	ppbv	93
8) Dichlorotetrafluoroethane	2.864	85	2846461	13.595	ppbv	99
9) Propene	2.700	41	989510	14.075	ppbv	94
10) Heptane	7.610	43	2532778	15.174	ppbv	99
11) Trichlorofluoromethane	3.574	101	3010646	13.526	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.082	101	2199581	13.654	ppbv	99
13) Ethanol	3.253	45	164615	10.052	ppbv	99
14) Bromoethene	3.378	108	930077	14.658	ppbv	99
15) Acetone	3.481	43	2031497	13.075	ppbv	97
16) 1,3-Butadiene	2.993	39	1096923	14.382	ppbv	98
17) tert-Butyl alcohol	3.893	59	1811483	12.845	ppbv	100
18) 1,1-Dichloroethene	3.896	96	974884	14.174	ppbv	96
19) Isopropyl Alcohol	3.591	45	1196904	12.539	ppbv #	97
20) Methylene Chloride	3.947	84	826579	12.899	ppbv	99
21) Allyl Chloride	4.012	41	1365406	14.423	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	1036015	14.447	ppbv	96
23) Vinyl Acetate	4.648	43	2385915	14.801	ppbv	98
24) 1,1-Dichloroethane	4.584	63	2043892	14.153	ppbv	99
25) Ethyl Acetate	5.227	43	4121329	14.125	ppbv	99
26) Hexane	5.234	57	1810689	13.830	ppbv	99
27) Carbon Disulfide	4.140	76	2471909	15.550	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	1375181	13.918	ppbv	100
29) Chloroform	5.301	83	3053072	13.833	ppbv	98
30) Cyclohexane	6.629	84	1539054	14.615	ppbv	99
31) cis-1,2-Dichloroethene	5.102	61	1828298	14.753	ppbv	100
32) 1,1,1-Trichloroethane	6.031	97	3040214	14.902	ppbv	99
34) 2-Butanone	4.806	43	2263014	14.317	ppbv	99
35) Carbon Tetrachloride	6.523	117	3282506	15.721	ppbv	98
36) Benzene	6.401	78	3880926	14.456	ppbv	99
37) 1,2-Dichloroethane	5.835	62	2365529	14.660	ppbv	100
38) Trichloroethene	7.324	130	1527962	15.684	ppbv	98
39) 1,2-Dichloropropane	7.105	63	1521376	14.278	ppbv	99
40) 1,4-Dioxane	7.317	88	481293	13.175	ppbv #	1
41) Tetrahydrofuran	5.581	42	1586902	15.696	ppbv	99
42) Bromodichloromethane	7.279	83	3463641	15.025	ppbv	97
43) Methyl Methacrylate	7.507	69	1672393	17.934	ppbv	99
44) 2,2,4-Trimethylpentane	7.359	57	6345155	14.262	ppbv	98
45) t-1,3-Dichloropropene	8.741	75	1112622	18.513	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

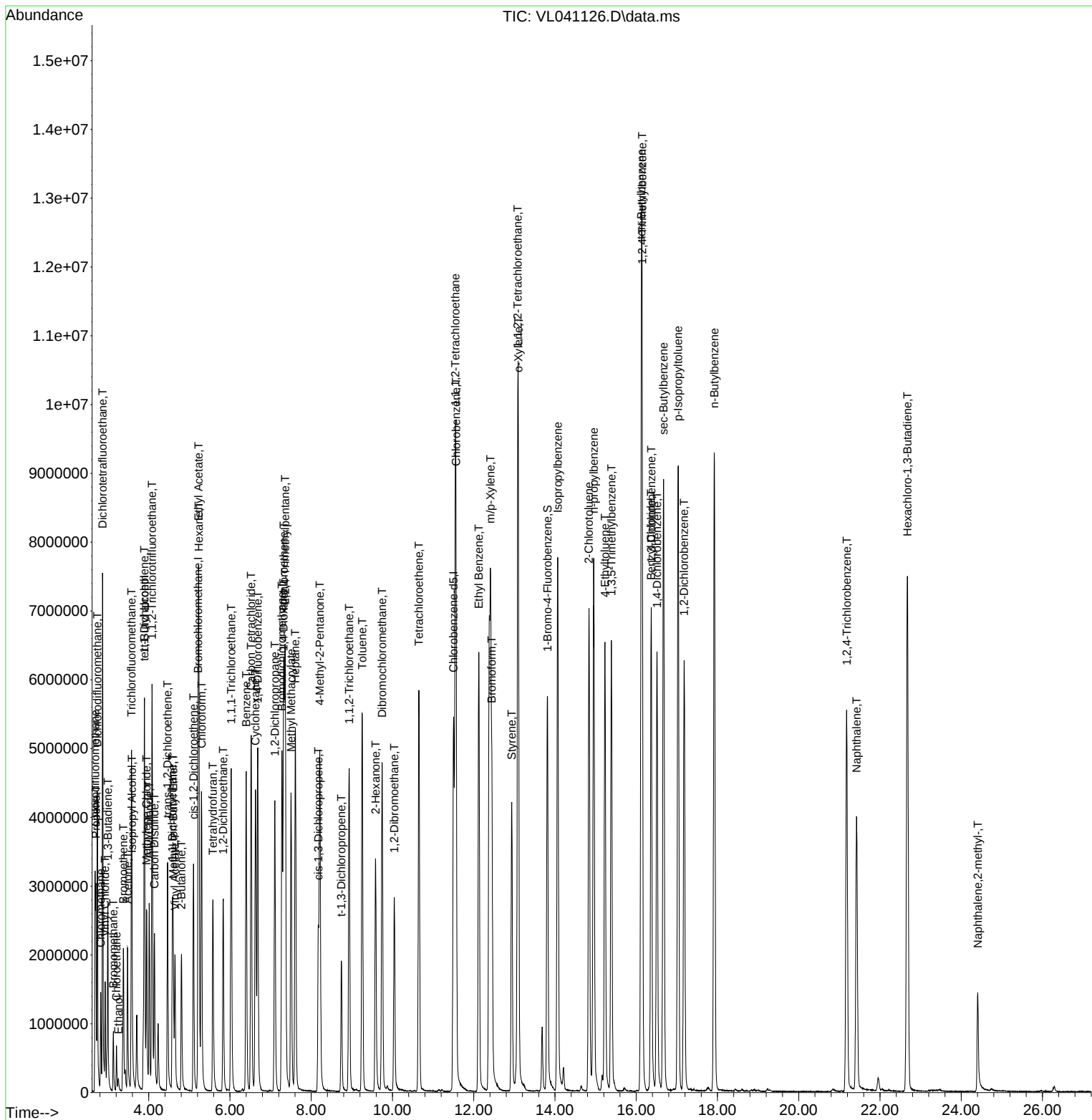
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

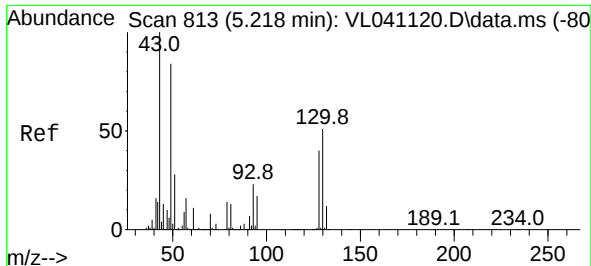
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 05 04:13:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.176	75	1334385	17.441	ppbv	99
47) 1,1,2-Trichloroethane	8.934	97	1693342	14.784	ppbv	97
48) Dibromochloromethane	9.745	129	2959076	16.276	ppbv	99
49) Bromoform	12.445	173	2384424	16.545	ppbv	99
50) 4-Methyl-2-Pentanone	8.211	43	4192339	15.457	ppbv	99
51) 2-Hexanone	9.584	43	3101734	16.495	ppbv	99
52) Tetrachloroethene	10.651	164	1365217	15.862	ppbv	94
53) Toluene	9.256	91	4513338	15.894	ppbv	99
54) 1,2-Dibromoethane	10.044	107	2353824	16.491	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.548	131	2134678	14.061	ppbv	99
57) Chlorobenzene	11.565	112	3484375	13.868	ppbv	98
58) Ethyl Benzene	12.127	91	6045839	14.955	ppbv	99
59) m/p-Xylene	12.410	91	5799947	15.873	ppbv #	43
60) o-Xylene	13.098	91	4997915	14.381	ppbv	98
61) Styrene	12.934	104	2621855	17.045	ppbv	99
62) Isopropylbenzene	14.069	105	7187181	13.931	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.085	83	3831041	13.969	ppbv	100
64) n-propylbenzene	14.953	120	1922032	14.882	ppbv	96
65) tert-Butylbenzene	16.127	119	6501774	14.427	ppbv	99
66) Benzyl Chloride	16.365	91	543219	18.291	ppbv	99
67) sec-Butylbenzene	16.674	105	9136144	14.060	ppbv	98
69) p-Isopropyltoluene	17.034	119	7552712	14.908	ppbv	99
70) n-Butylbenzene	17.921	91	8143966	14.760	ppbv	98
71) 2-Chlorotoluene	14.838	91	5716339	14.468	ppbv	98
72) 4-Ethyltoluene	15.230	105	5838842	15.230	ppbv	99
73) 1,3,5-Trimethylbenzene	15.387	105	5065552	14.852	ppbv	97
74) 1,2,4-Trimethylbenzene	16.146	105	5589569	14.221	ppbv	97
75) 1,3-Dichlorobenzene	16.371	146	3348586	14.686	ppbv	100
76) 1,4-Dichlorobenzene	16.513	146	3305414	14.882	ppbv	99
77) 1,2-Dichlorobenzene	17.178	146	3287380	14.832	ppbv	99
78) Hexachloro-1,3-Butadiene	22.677	225	2024110	13.751	ppbv	99
79) Naphthalene	21.426	128	5021826	20.340	ppbv	99
80) Naphthalene,2-methyl-	24.406	142	1042788	24.100	ppbv	97
81) 1,2,4-Trichlorobenzene	21.181	180	2391971	16.815	ppbv	99

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

Quant Time: Apr 05 04:19:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL040424AIR.M
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QLast Update : Fri Apr 05 04:13:19 2024
Response via : Initial Calibration

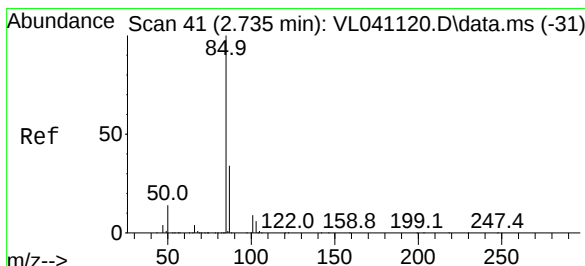
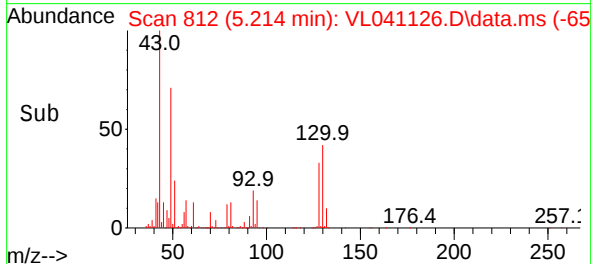
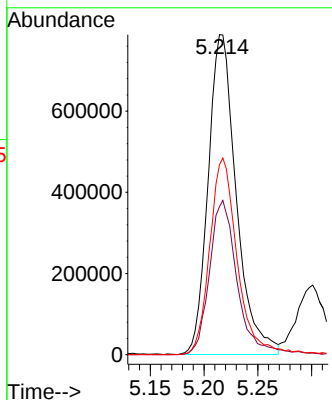
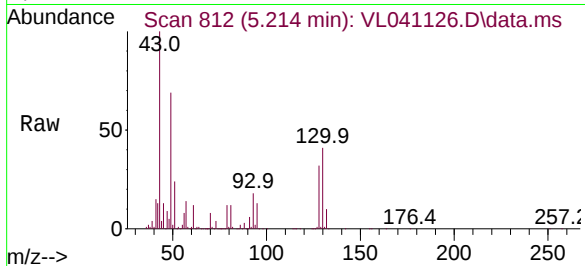




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

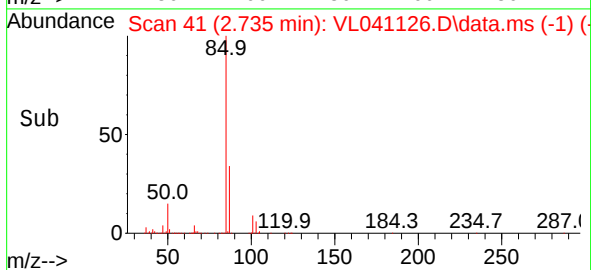
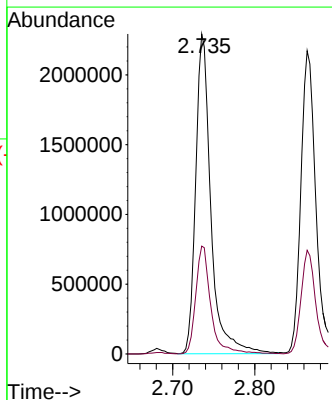
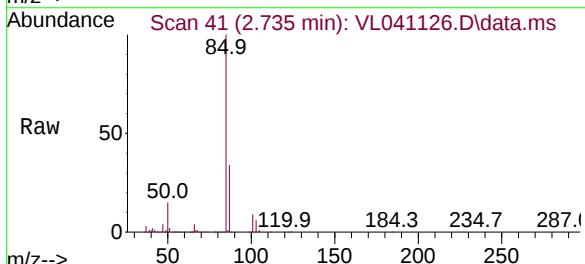
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

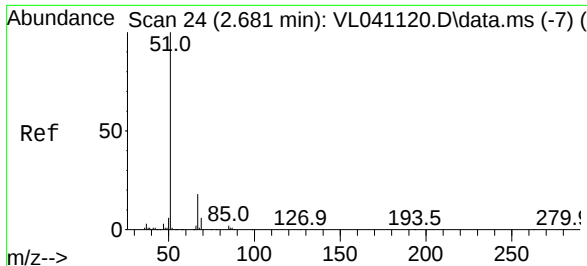
Tgt Ion: 49 Resp: 1434900
 Ion Ratio Lower Upper
 49 100
 128 48.2 23.6 71.0
 130 61.0 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 11.970 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

Tgt Ion: 85 Resp: 2946925
 Ion Ratio Lower Upper
 85 100
 87 33.7 27.0 40.6

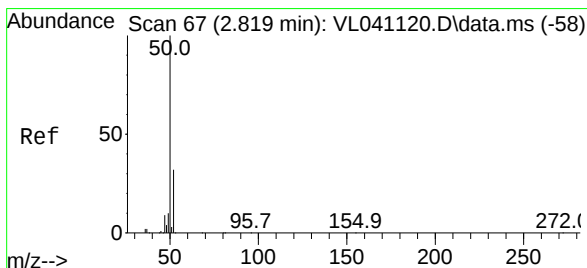
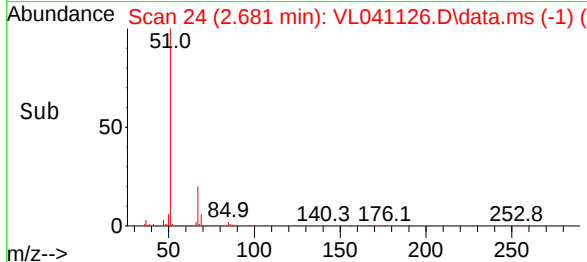
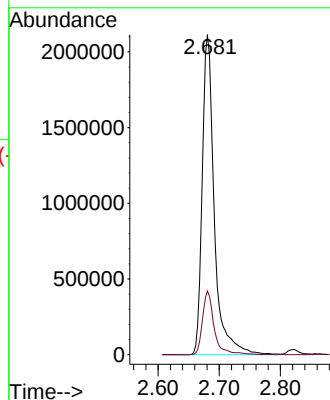
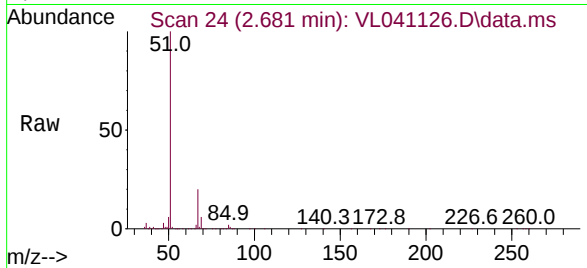




#3
Chlorodifluoromethane
Concen: 13.126 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

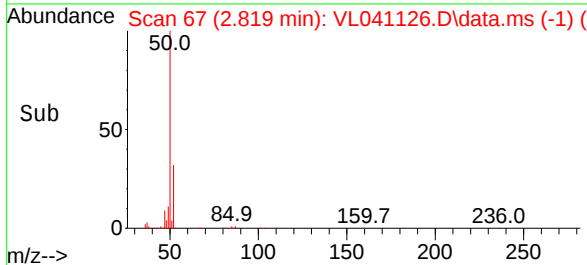
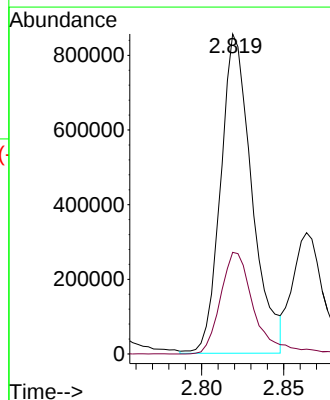
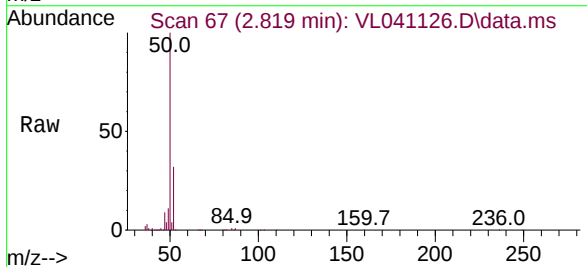
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

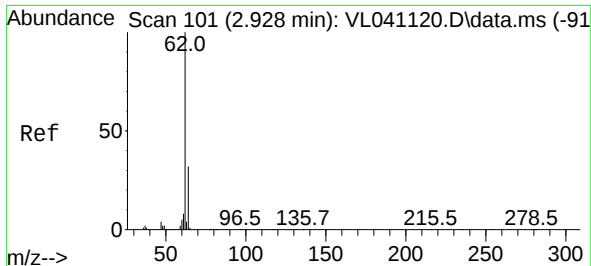
Tgt Ion: 51 Resp: 2900942
Ion Ratio Lower Upper
51 100
67 19.3 14.9 22.3



#4
Chloromethane
Concen: 13.558 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 50 Resp: 1133883
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

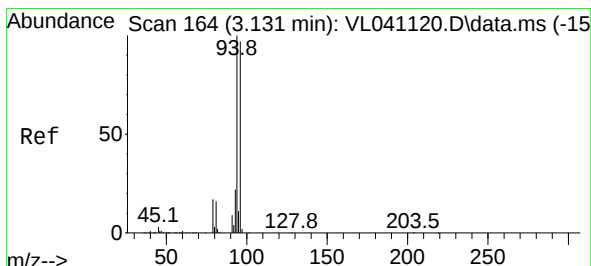
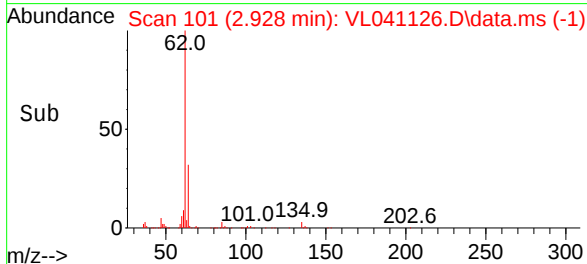
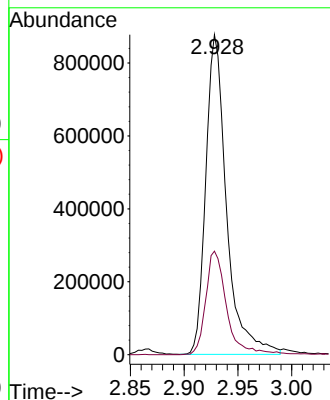
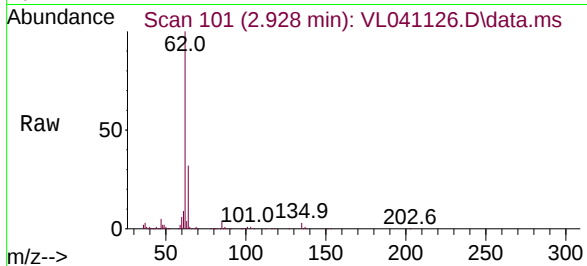




#5
 Vinyl Chloride
 Concen: 14.692 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

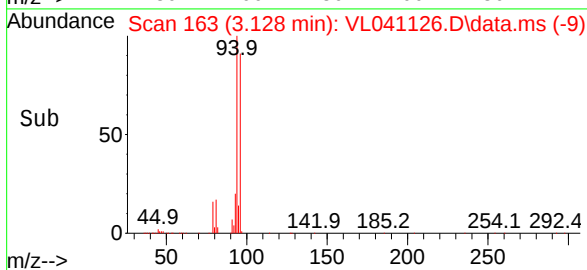
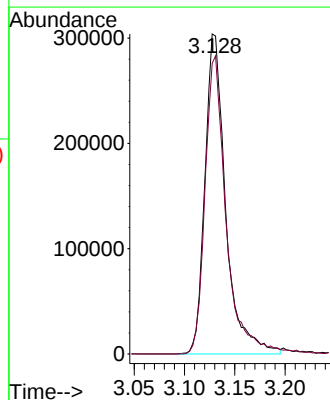
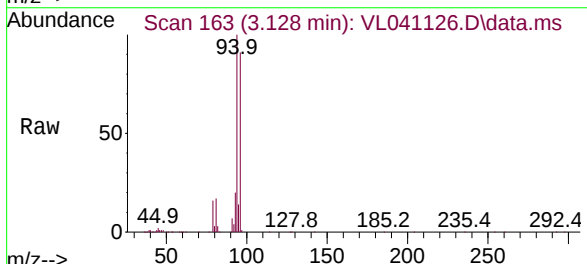
Instrument :
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 ClientSampleId :
 VSTDIC015

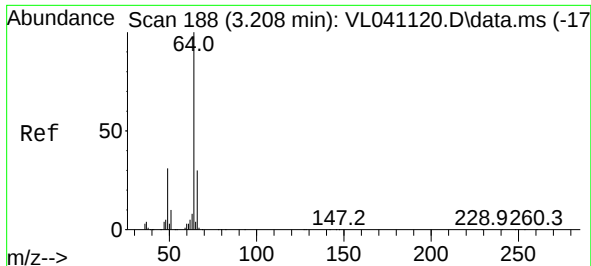
Tgt Ion: 62 Resp: 1174301
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.6 38.4



#6
 Bromomethane
 Concen: 14.360 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

Tgt Ion: 94 Resp: 436698
 Ion Ratio Lower Upper
 94 100
 96 90.7 77.9 116.9

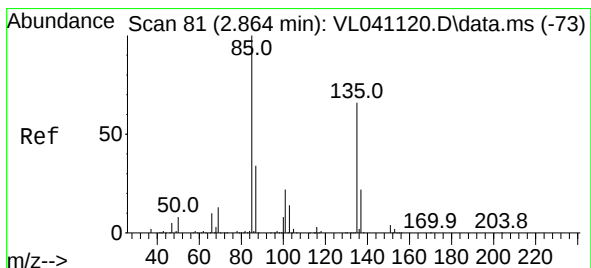
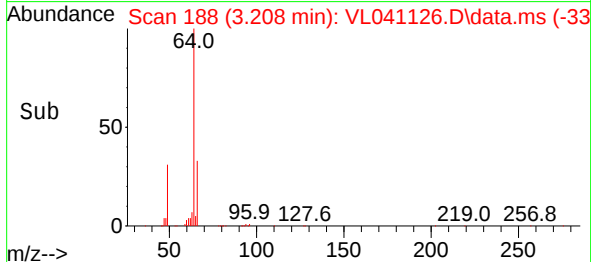
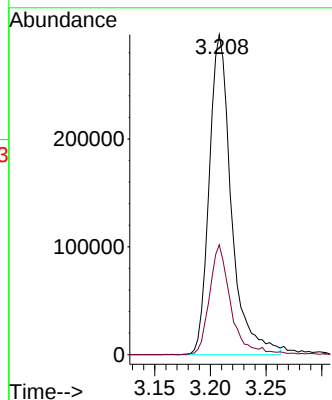
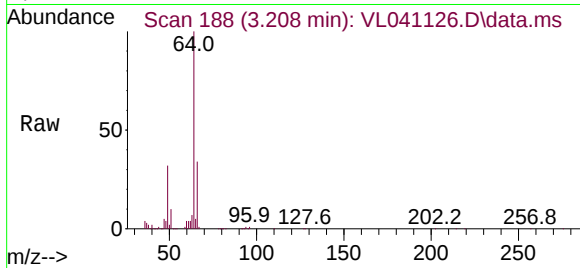




#7
Chloroethane
Concen: 14.102 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

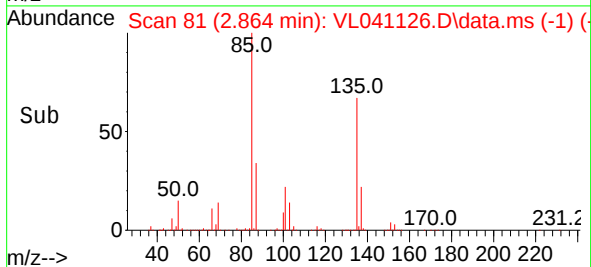
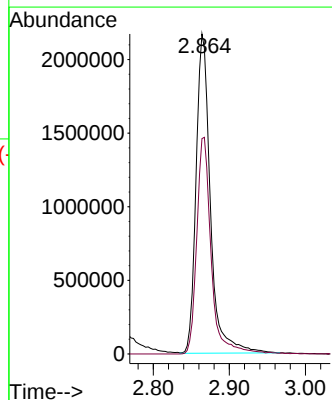
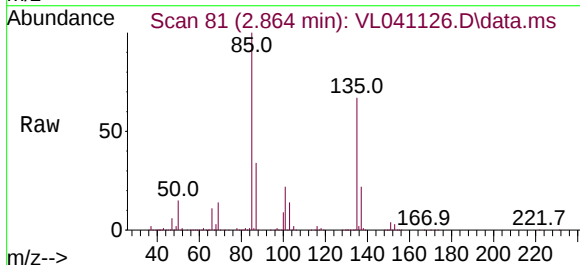
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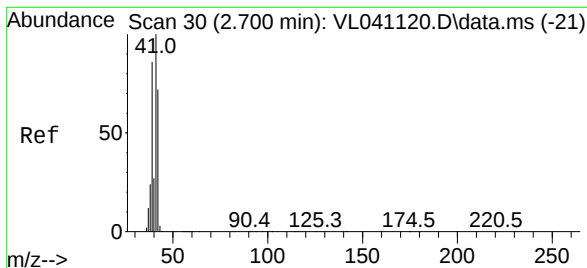
Tgt Ion: 64 Resp: 410560
Ion Ratio Lower Upper
64 100
66 34.3 24.2 36.4



#8
Dichlorotetrafluoroethane
Concen: 13.595 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 85 Resp: 2846461
Ion Ratio Lower Upper
85 100
135 68.6 54.2 81.2





#9

Propene

Concen: 14.075 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

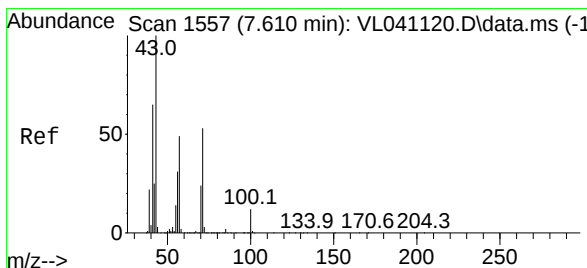
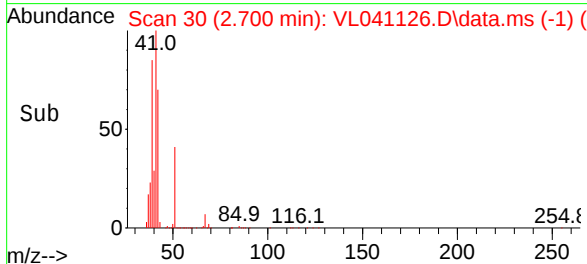
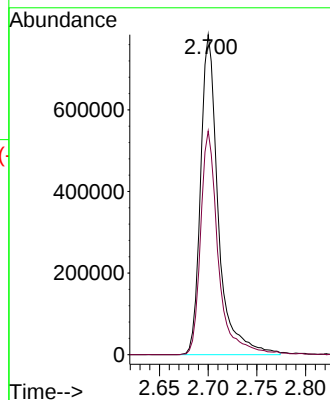
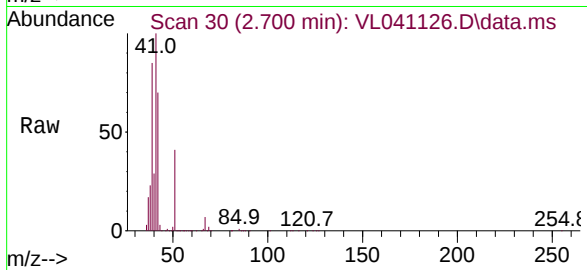
VSTDIC015

Tgt Ion: 41 Resp: 989510

Ion Ratio Lower Upper

41 100

42 70.3 60.1 90.1



#10

Heptane

Concen: 15.174 ppbv

RT: 7.610 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VL041126.D

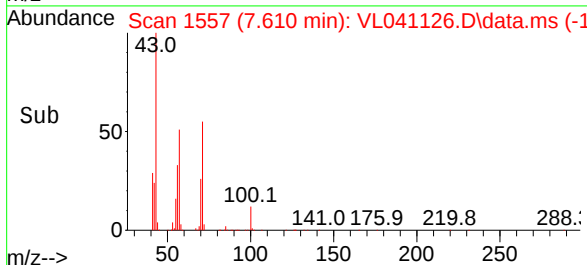
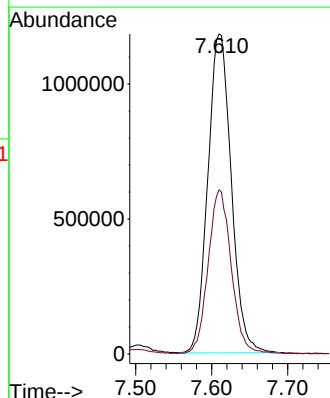
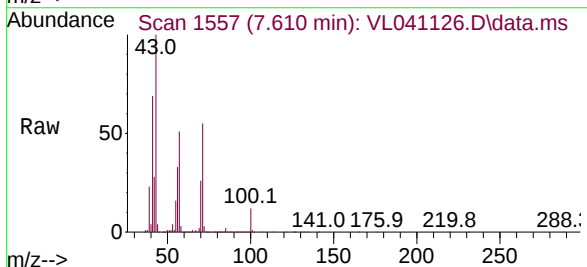
Acq: 4 Apr 2024 13:21

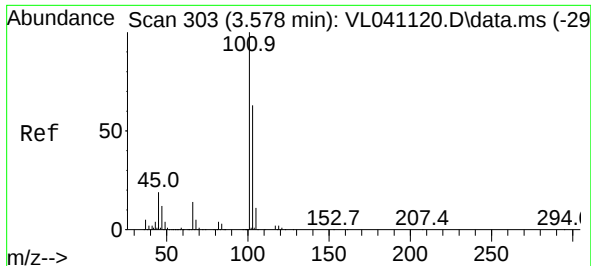
Tgt Ion: 43 Resp: 2532778

Ion Ratio Lower Upper

43 100

57 50.7 39.9 59.9





#11

Trichlorofluoromethane

Concen: 13.526 ppbv

RT: 3.574 min Scan# 303

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

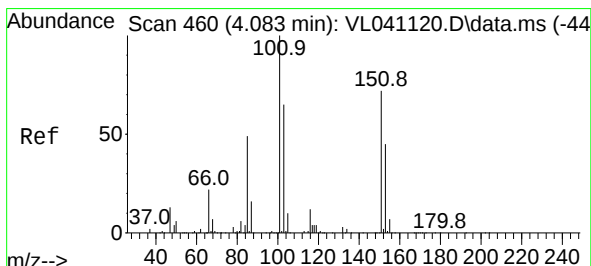
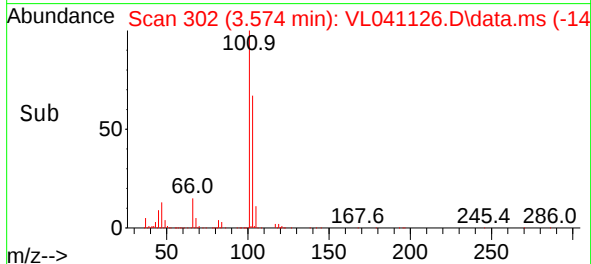
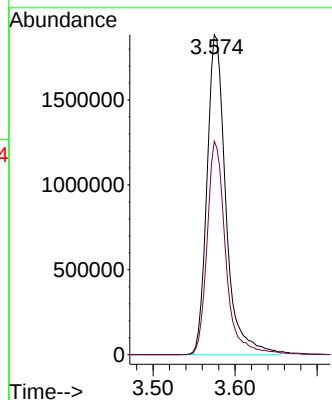
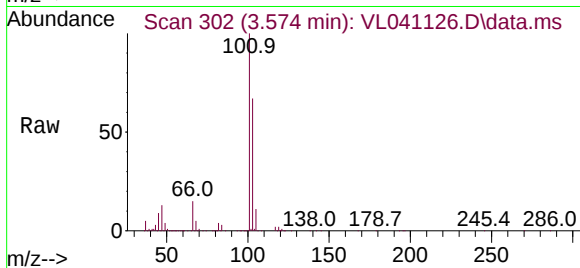
VSTDIC015

Tgt Ion:101 Resp: 3010646

Ion Ratio Lower Upper

101 100

103 66.7 50.6 75.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 13.654 ppbv

RT: 4.082 min Scan# 460

Delta R.T. -0.000 min

Lab File: VL041126.D

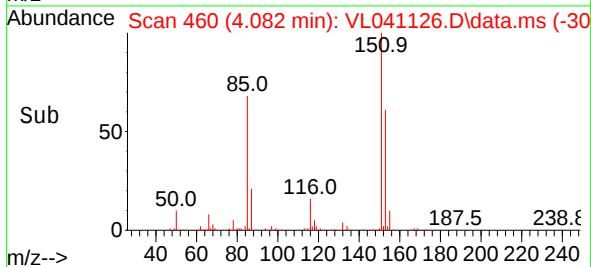
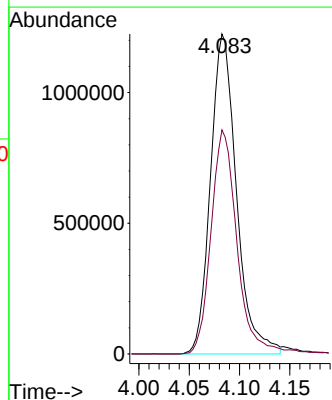
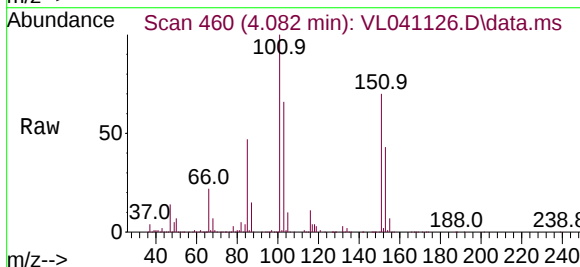
Acq: 4 Apr 2024 13:21

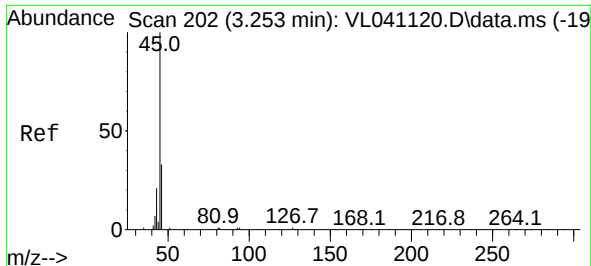
Tgt Ion:101 Resp: 2199581

Ion Ratio Lower Upper

101 100

151 70.8 56.2 84.4





#13

Ethanol

Concen: 10.052 ppbv

RT: 3.253 min Scan# 202

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

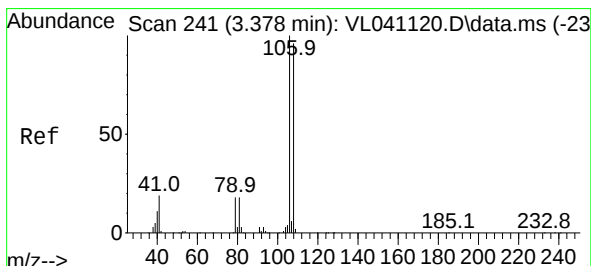
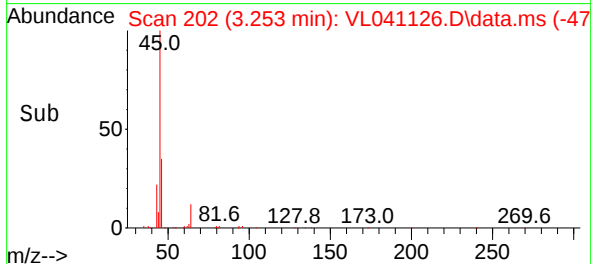
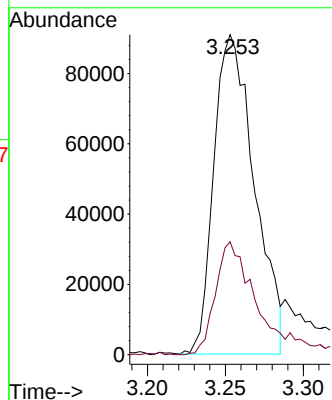
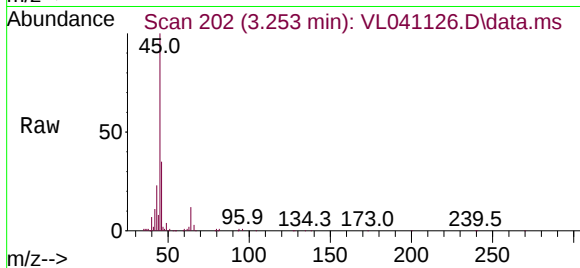
VSTDICC015

Tgt Ion: 45 Resp: 164615

Ion Ratio Lower Upper

45 100

46 38.0 15.0 59.8



#14

Bromoethene

Concen: 14.658 ppbv

RT: 3.378 min Scan# 241

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

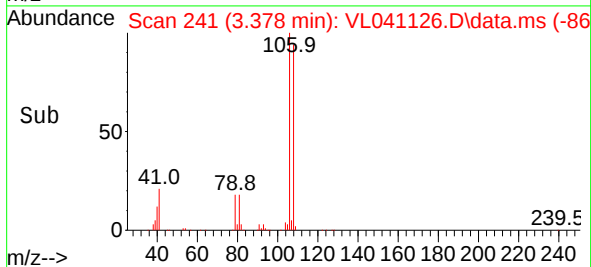
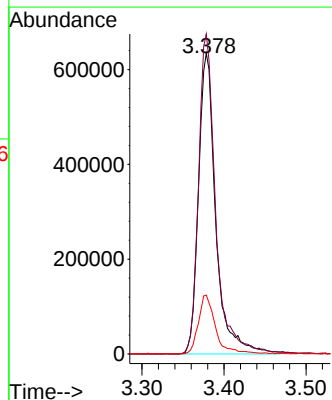
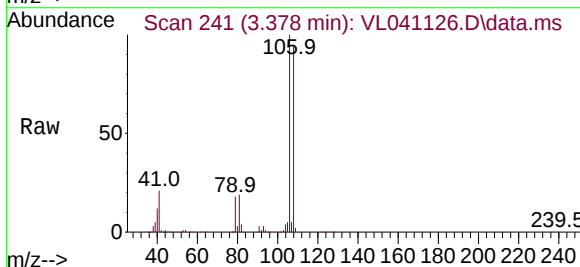
Tgt Ion:108 Resp: 930077

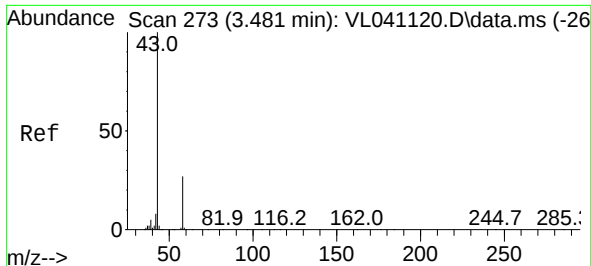
Ion Ratio Lower Upper

108 100

106 106.1 86.0 129.0

79 19.8 15.4 23.2

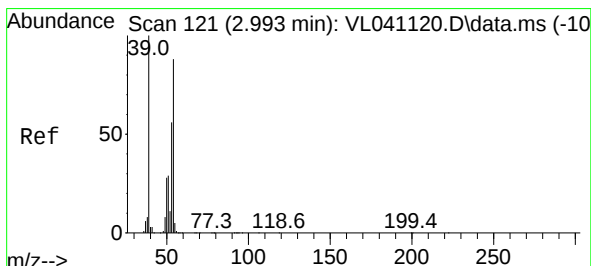
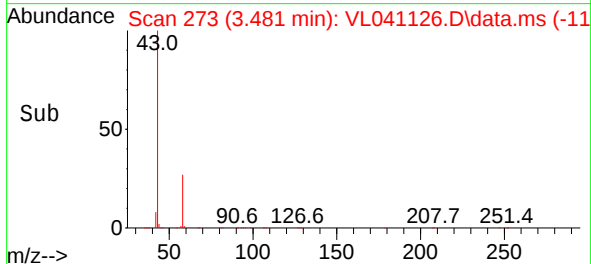
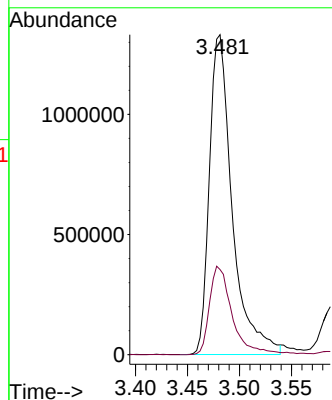
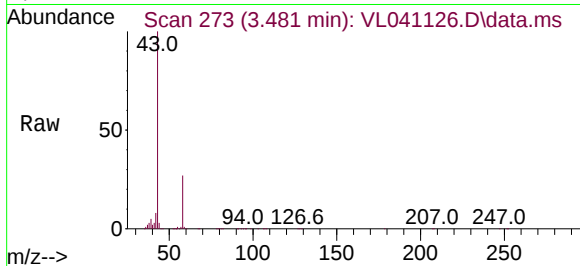




#15
Acetone
Concen: 13.075 ppbv
RT: 3.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

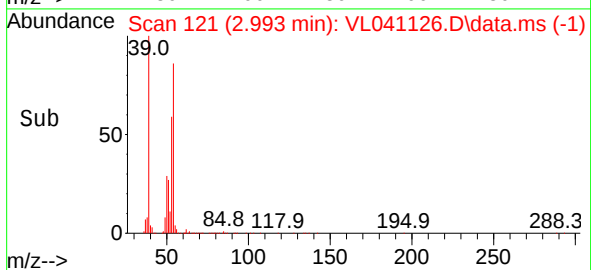
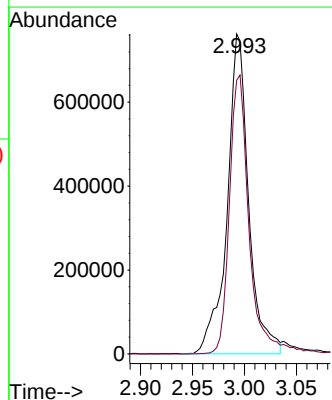
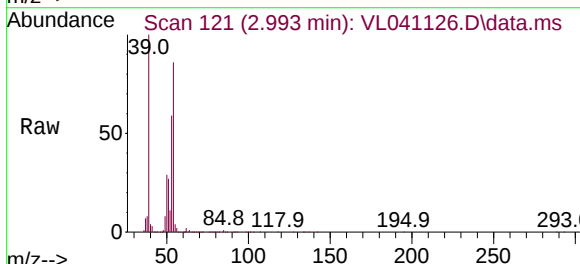
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

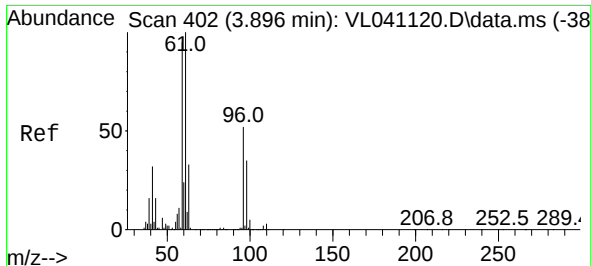
Tgt Ion: 43 Resp: 2031497
Ion Ratio Lower Upper
43 100
58 27.7 21.1 31.7



#16
1,3-Butadiene
Concen: 14.382 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 39 Resp: 1096923
Ion Ratio Lower Upper
39 100
54 80.7 63.5 95.3





#17

tert-Butyl alcohol

Concen: 12.845 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

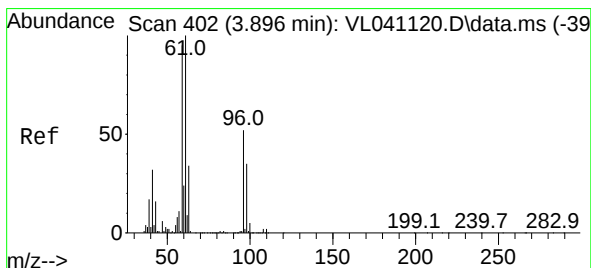
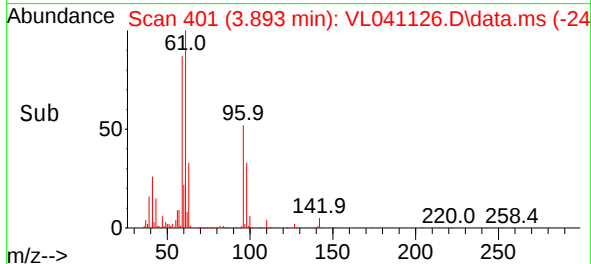
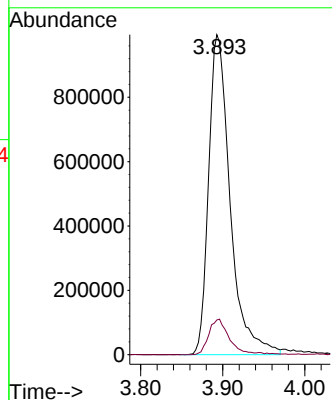
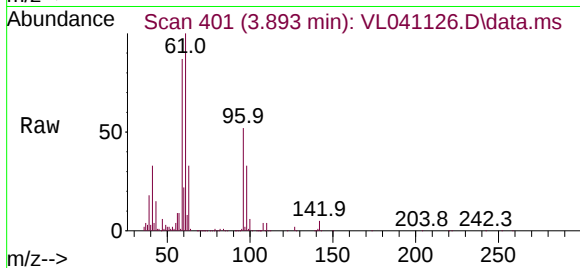
VSTDIC015

Tgt Ion: 59 Resp: 1811483

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 14.174 ppbv

RT: 3.896 min Scan# 402

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

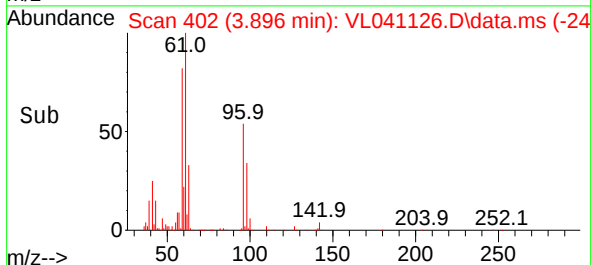
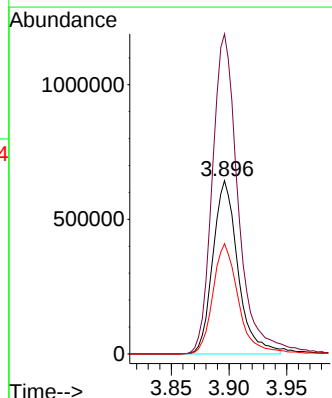
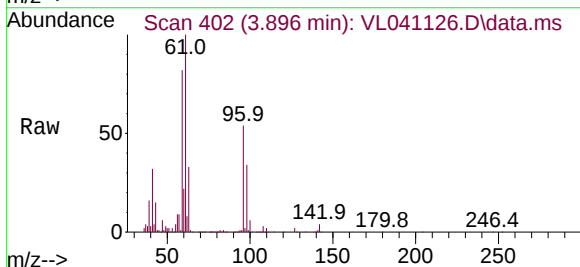
Tgt Ion: 96 Resp: 974884

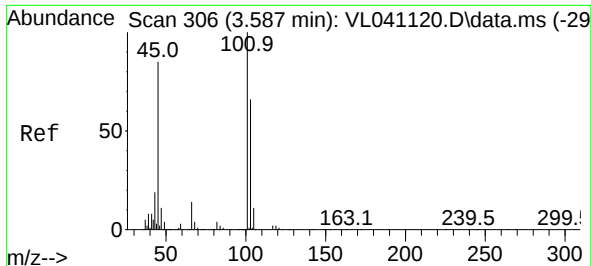
Ion Ratio Lower Upper

96 100

61 184.7 152.6 228.8

98 63.6 54.0 81.0





#19

Isopropyl Alcohol

Concen: 12.539 ppbv

RT: 3.591 min Scan# 306

Delta R.T. 0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

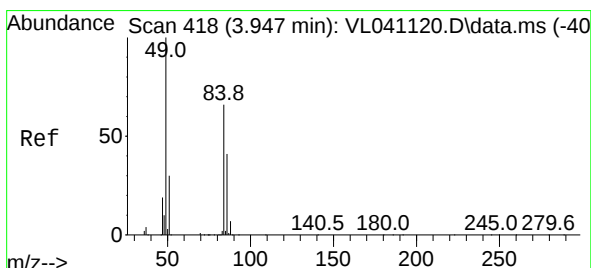
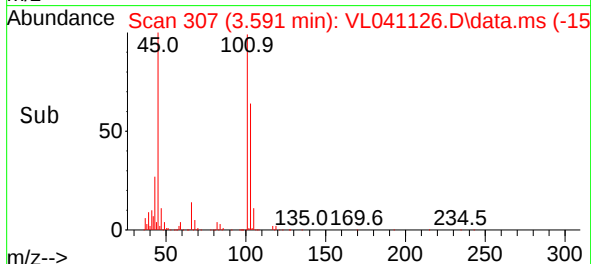
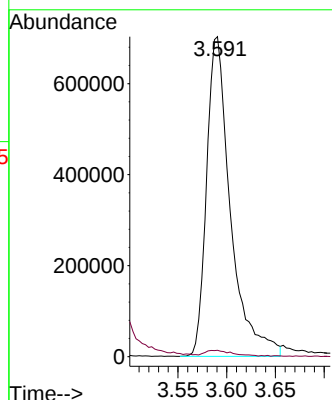
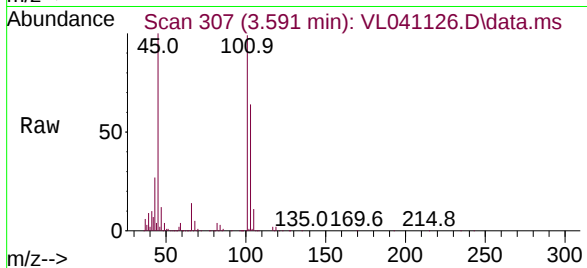
VSTDICC015

Tgt Ion: 45 Resp: 1196904

Ion Ratio Lower Upper

45 100

58 2.4 2.8 4.2#



#20

Methylene Chloride

Concen: 12.899 ppbv

RT: 3.947 min Scan# 418

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Tgt Ion: 84 Resp: 826579

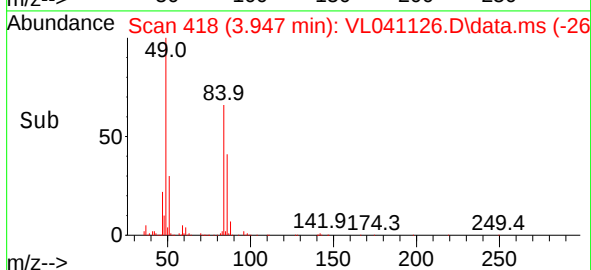
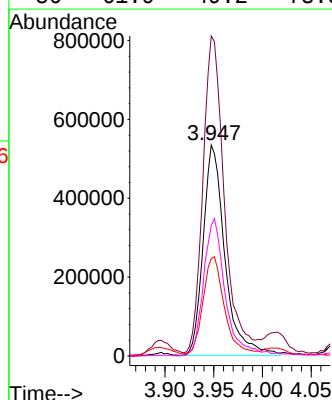
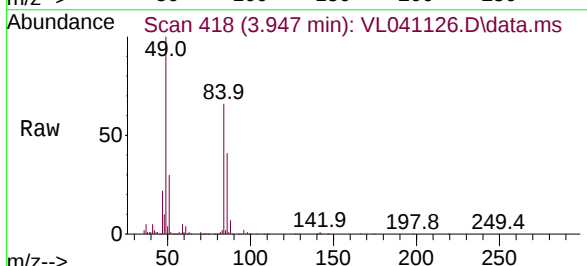
Ion Ratio Lower Upper

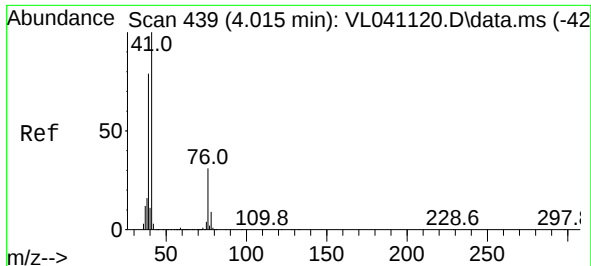
84 100

49 150.2 120.7 181.1

51 45.2 36.6 54.8

86 61.9 49.2 73.8





#21

Allyl Chloride

Concen: 14.423 ppbv

RT: 4.012 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

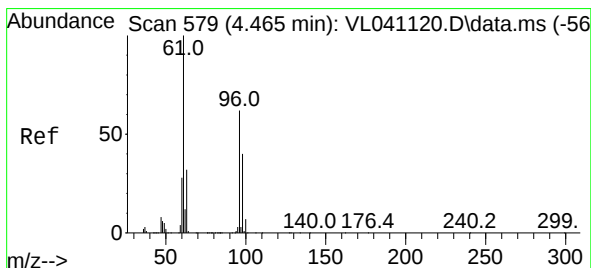
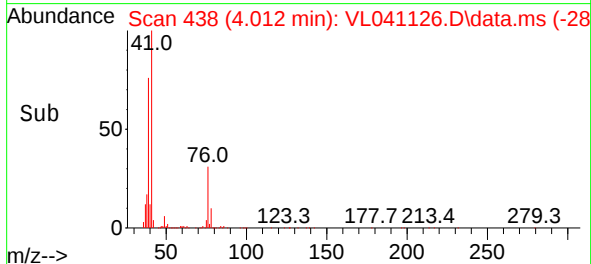
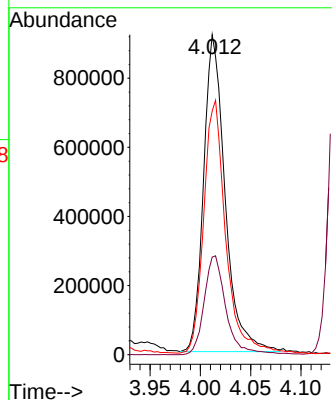
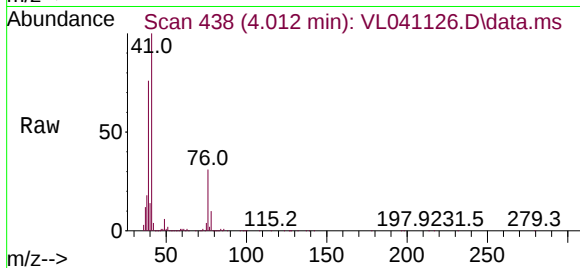
Tgt Ion: 41 Resp: 1365406

Ion Ratio Lower Upper

41 100

76 31.8 25.7 38.5

39 82.0 65.7 98.5



#22

trans-1,2-Dichloroethene

Concen: 14.447 ppbv

RT: 4.465 min Scan# 579

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

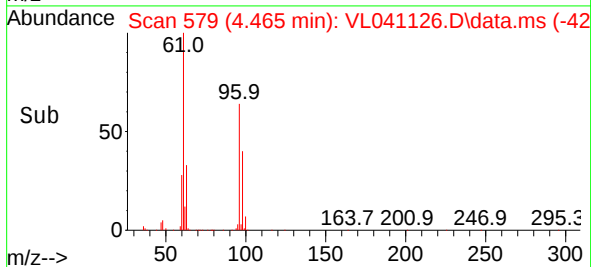
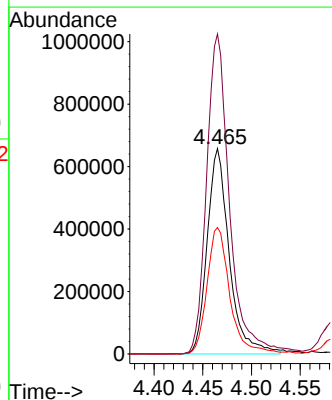
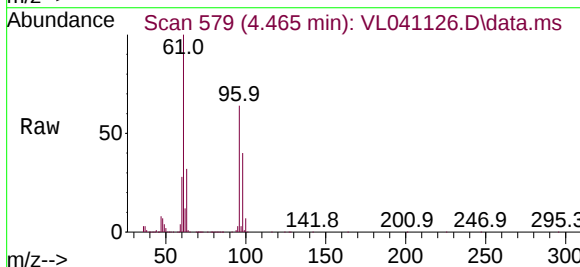
Tgt Ion: 96 Resp: 1036015

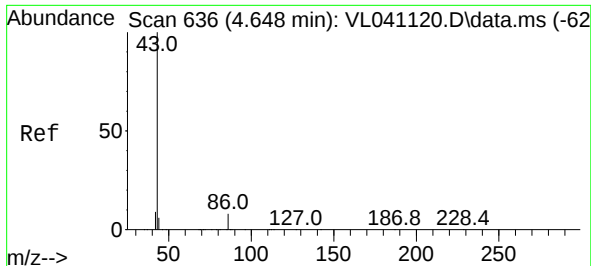
Ion Ratio Lower Upper

96 100

61 155.8 128.4 192.6

98 61.5 51.5 77.3



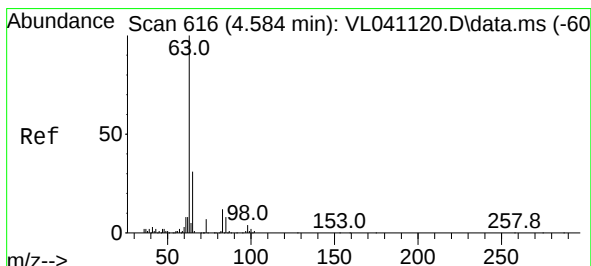
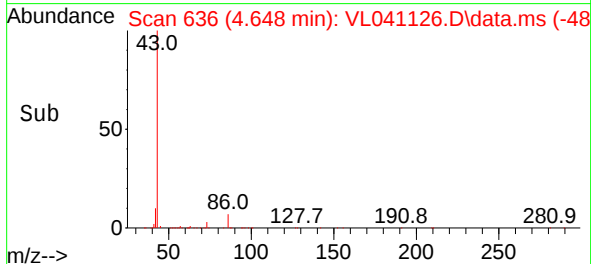
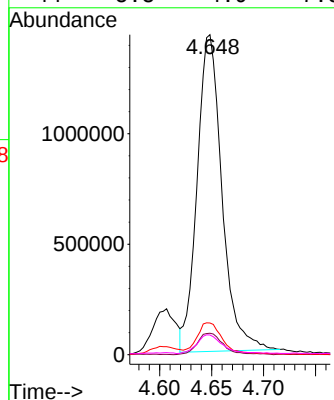
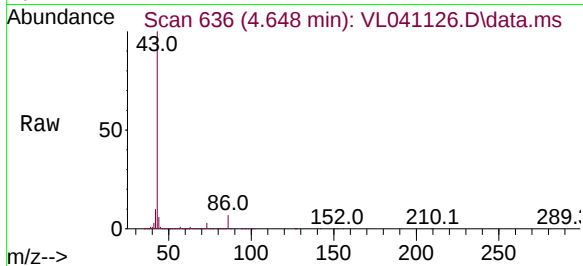


#23
 Vinyl Acetate
 Concen: 14.801 ppbv
 RT: 4.648 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 2385915

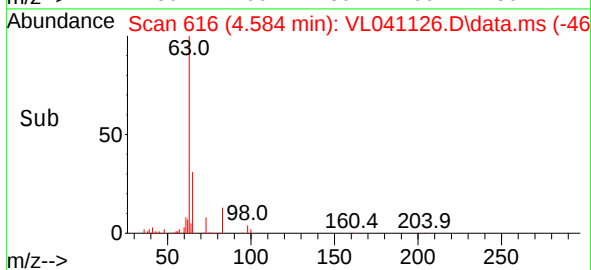
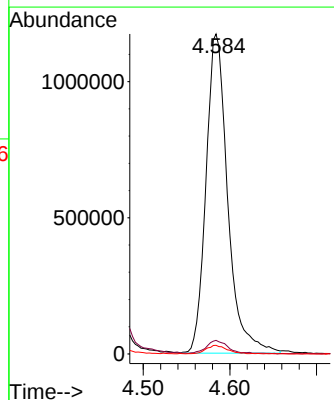
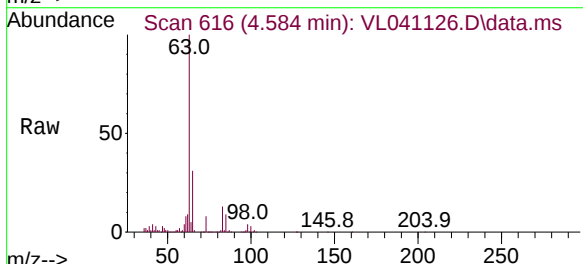
Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.2	9.4
42	9.8	7.7	11.5
44	5.8	4.9	7.3

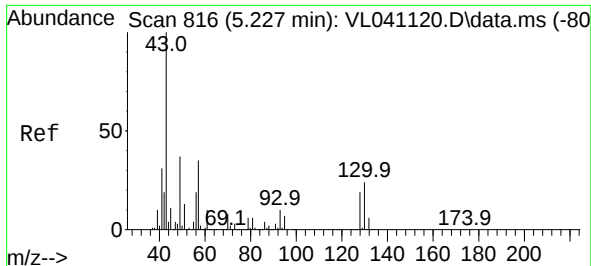


#24
 1,1-Dichloroethane
 Concen: 14.153 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

Tgt Ion: 63 Resp: 2043892

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.7	1.1	3.3



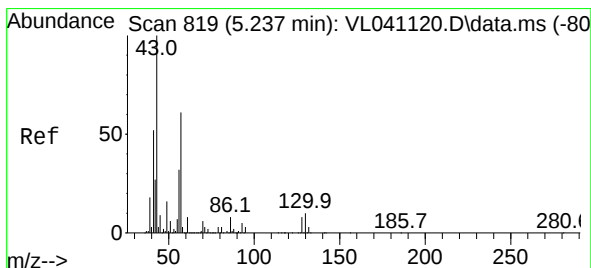
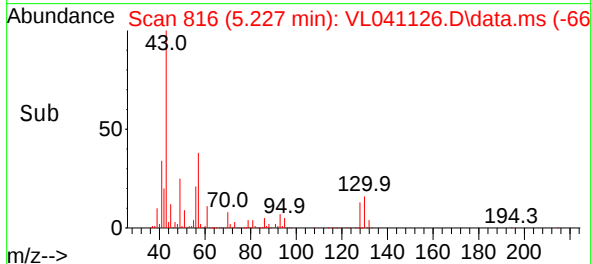
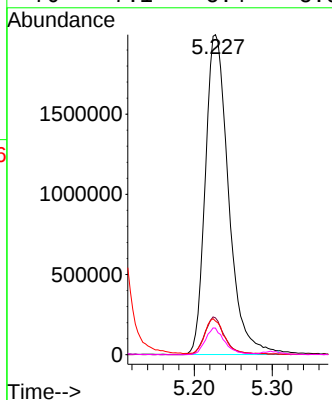
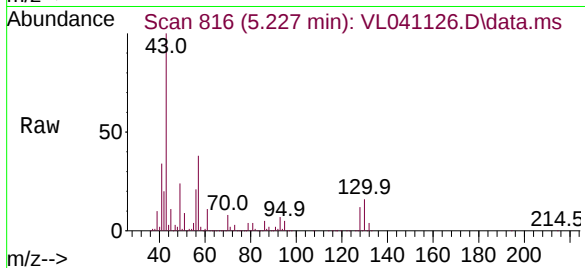


#25
Ethyl Acetate
Concen: 14.125 ppbv
RT: 5.227 min Scan# 816
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 4121329

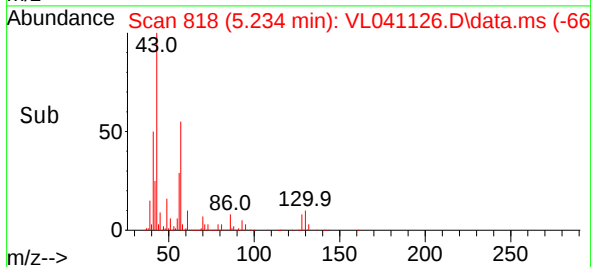
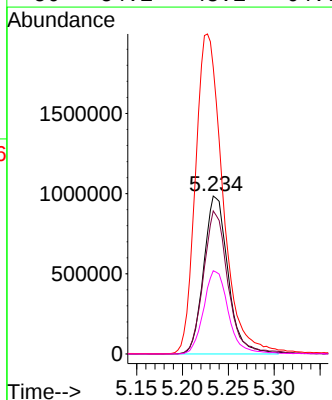
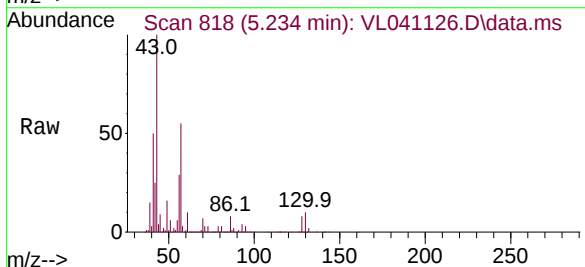
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.0	12.0
61	10.1	7.8	11.6
70	7.1	5.4	8.0

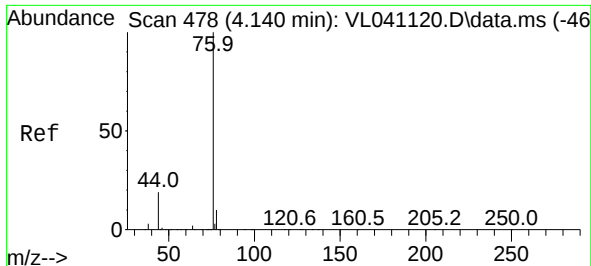


#26
Hexane
Concen: 13.830 ppbv
RT: 5.234 min Scan# 818
Delta R.T. -0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 57 Resp: 1810689

Ion	Ratio	Lower	Upper
57	100		
41	92.5	73.8	110.8
43	230.1	186.2	279.2
56	54.1	43.1	64.7

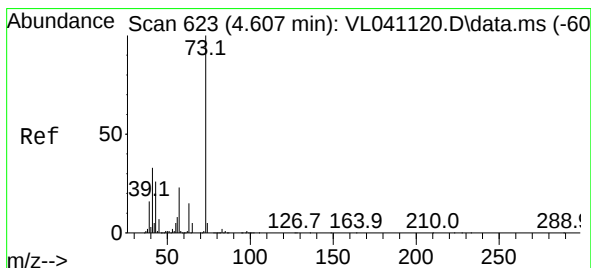
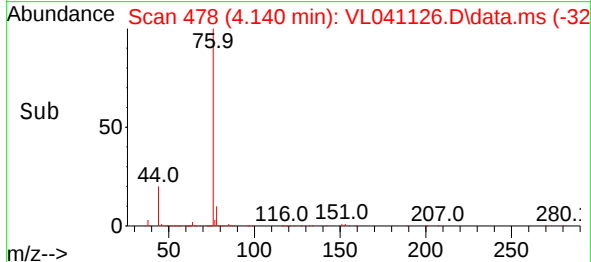
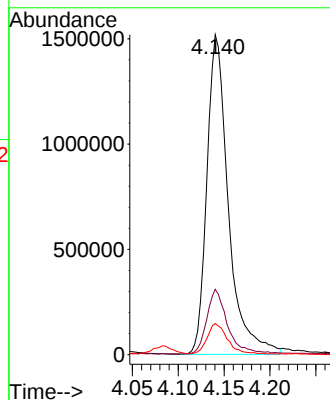
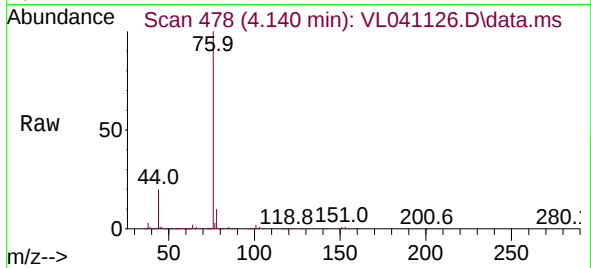




#27
Carbon Disulfide
Concen: 15.550 ppbv
RT: 4.140 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

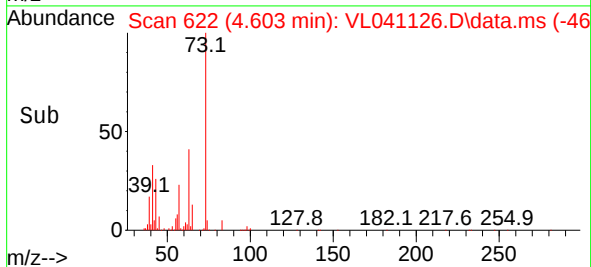
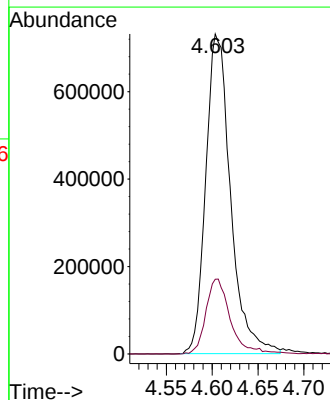
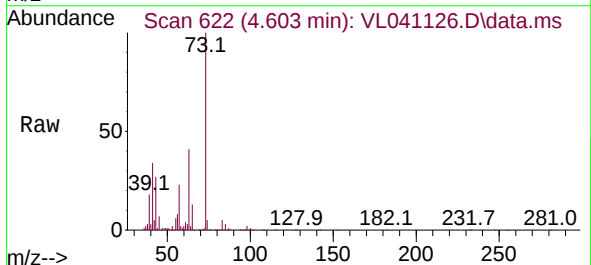
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

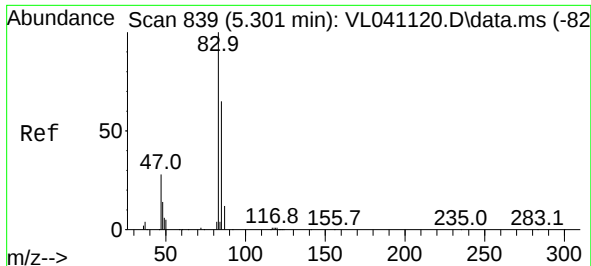
Tgt Ion: 76 Resp: 2471909
Ion Ratio Lower Upper
76 100
44 19.9 16.3 24.5
78 9.7 7.9 11.9



#28
Methyl tert-Butyl Ether
Concen: 13.918 ppbv
RT: 4.603 min Scan# 622
Delta R.T. -0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 73 Resp: 1375181
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8





#29

Chloroform

Concen: 13.833 ppbv

RT: 5.301 min Scan# 84

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

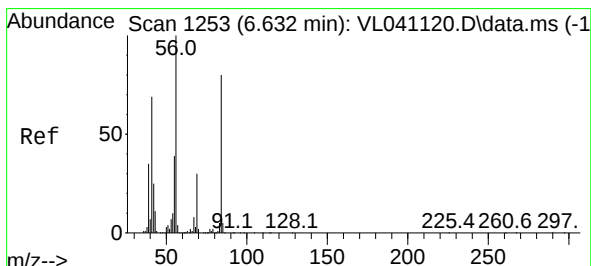
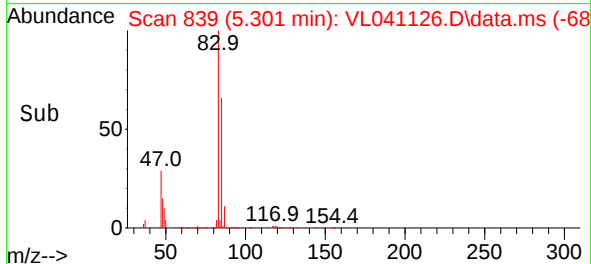
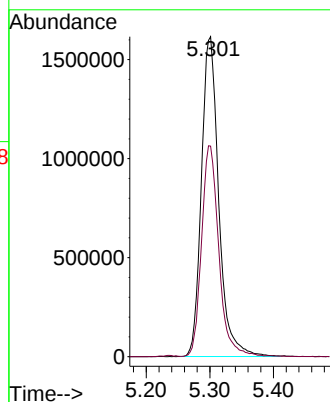
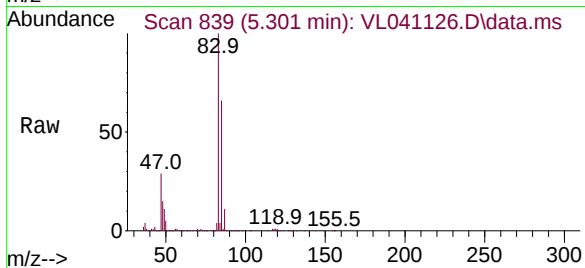
VSTDIC015

Tgt Ion: 83 Resp: 3053072

Ion Ratio Lower Upper

83 100

85 65.7 51.5 77.3



#30

Cyclohexane

Concen: 14.615 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

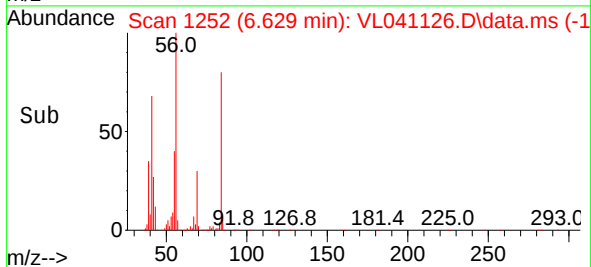
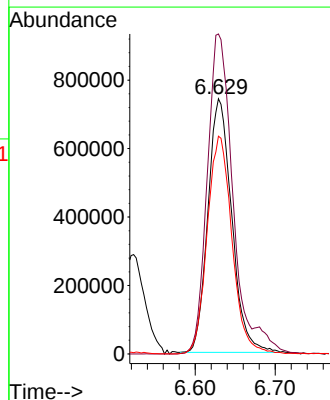
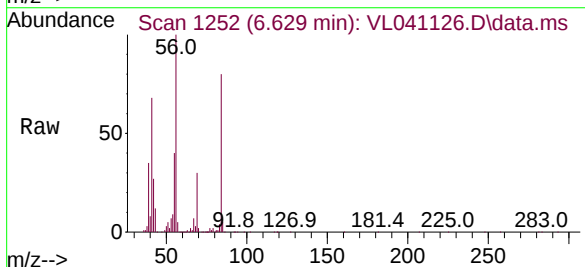
Tgt Ion: 84 Resp: 1539054

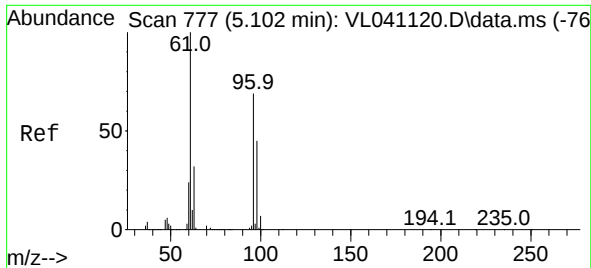
Ion Ratio Lower Upper

84 100

56 137.5 111.9 167.9

41 89.4 71.0 106.6

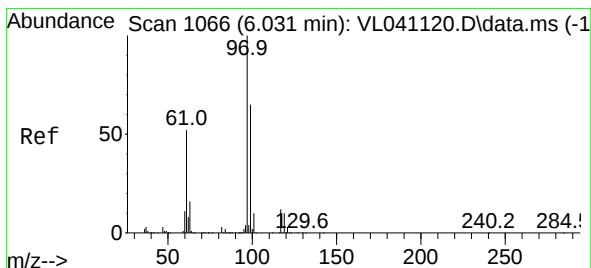
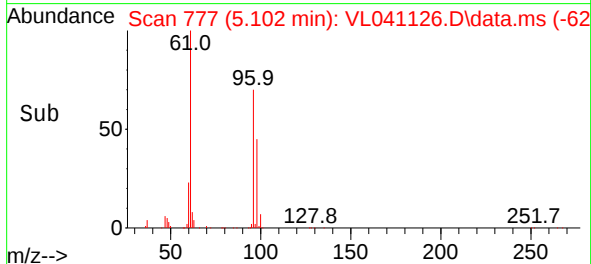
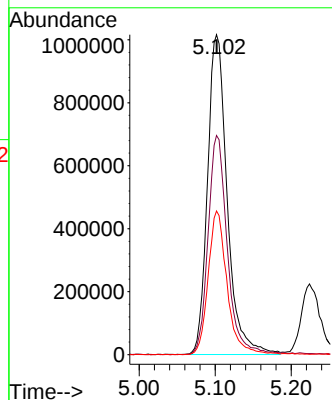
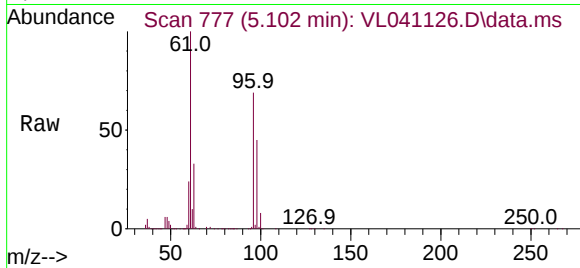




#31
 cis-1,2-Dichloroethene
 Concen: 14.753 ppbv
 RT: 5.102 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

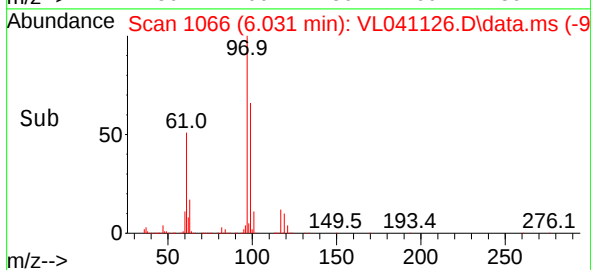
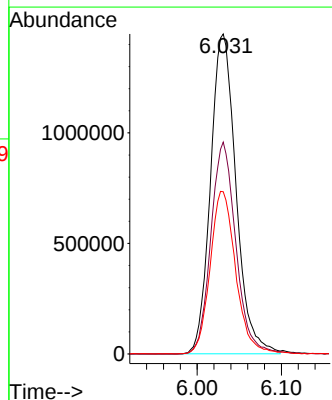
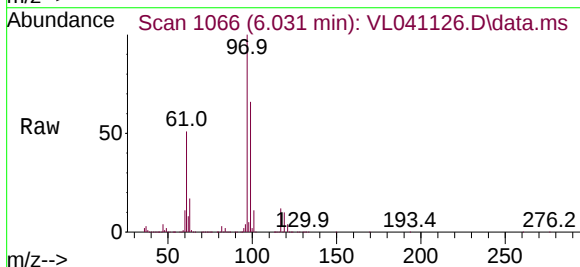
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

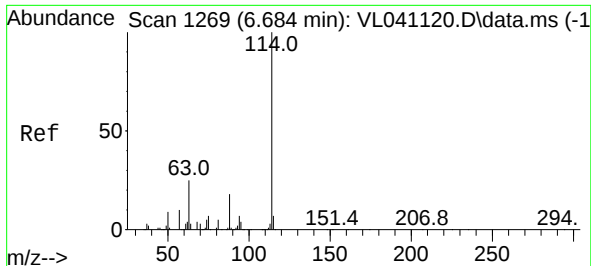
Tgt Ion: 61 Resp: 1828298
 Ion Ratio Lower Upper
 61 100
 96 68.5 54.9 82.3
 98 44.9 35.9 53.9



#32
 1,1,1-Trichloroethane
 Concen: 14.902 ppbv
 RT: 6.031 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VL041126.D
 Acq: 4 Apr 2024 13:21

Tgt Ion: 97 Resp: 3040214
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 51.1 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

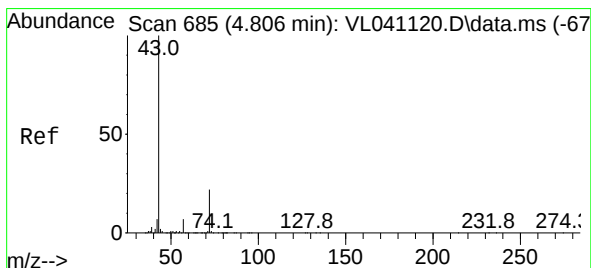
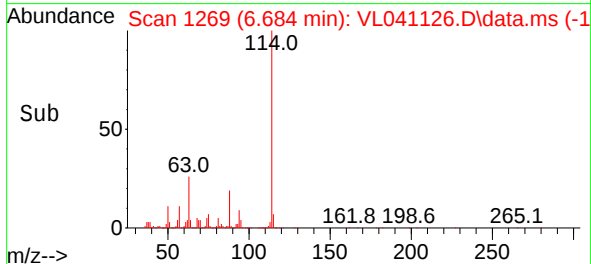
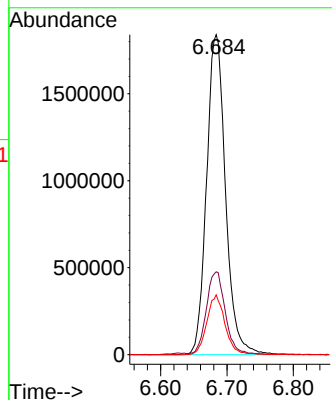
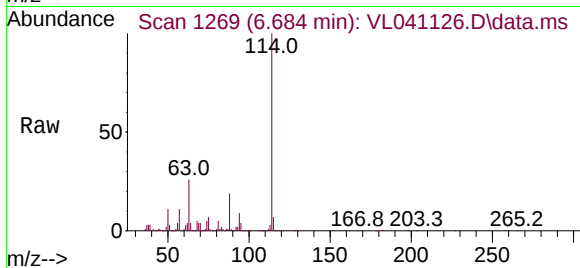
Tgt Ion:114 Resp: 3659594

Ion Ratio Lower Upper

114 100

63 26.5 20.9 31.3

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 14.317 ppbv

RT: 4.806 min Scan# 685

Delta R.T. -0.000 min

Lab File: VL041126.D

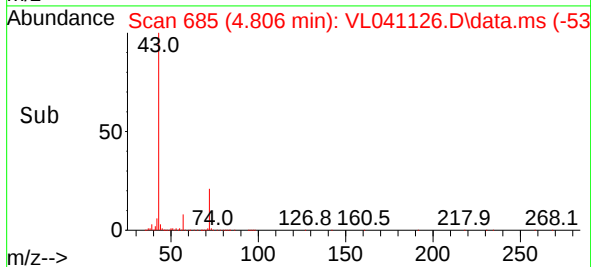
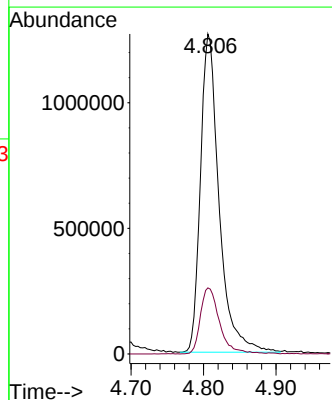
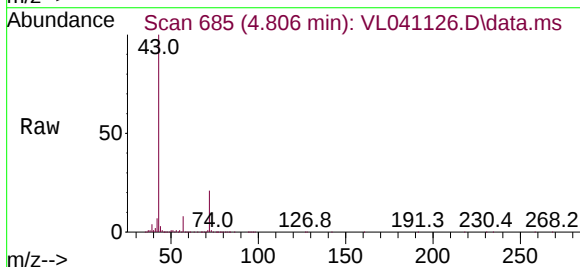
Acq: 4 Apr 2024 13:21

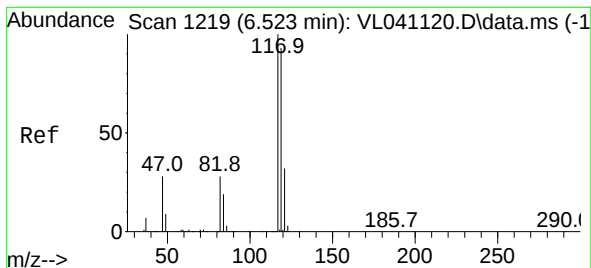
Tgt Ion: 43 Resp: 2263014

Ion Ratio Lower Upper

43 100

72 21.7 17.6 26.4





#35

Carbon Tetrachloride

Concen: 15.721 ppbv

RT: 6.523 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

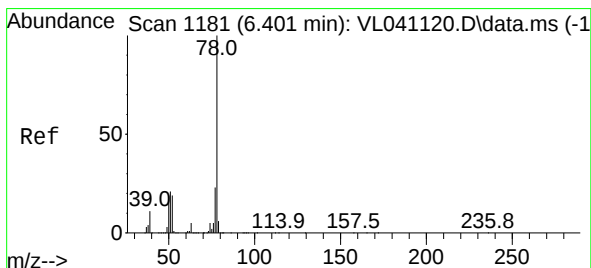
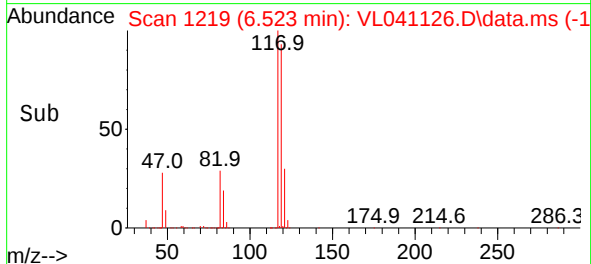
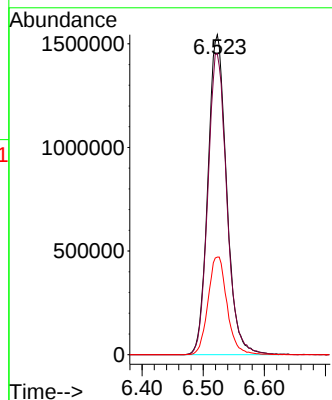
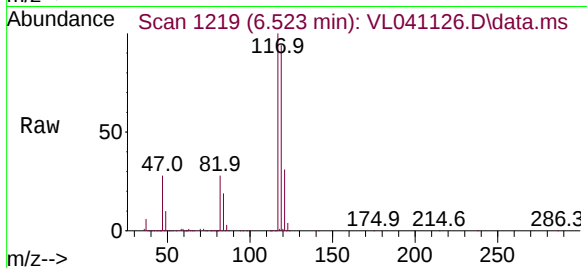
Tgt Ion:117 Resp: 3282506

Ion Ratio Lower Upper

117 100

119 94.0 74.2 111.4

121 30.5 25.4 38.2



#36

Benzene

Concen: 14.456 ppbv

RT: 6.401 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

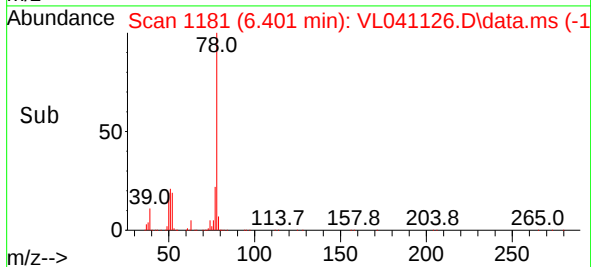
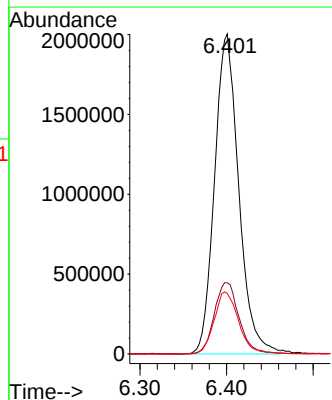
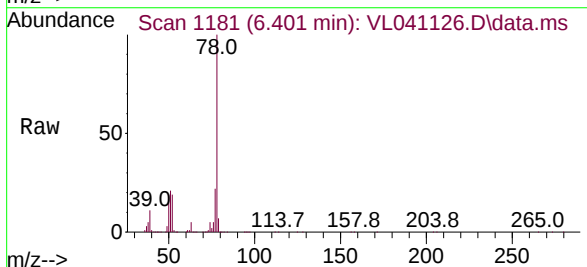
Tgt Ion: 78 Resp: 3880926

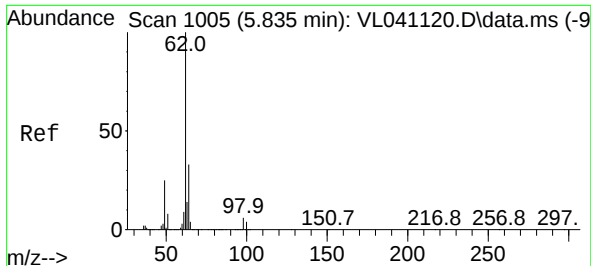
Ion Ratio Lower Upper

78 100

77 22.2 18.2 27.4

50 18.9 15.4 23.2

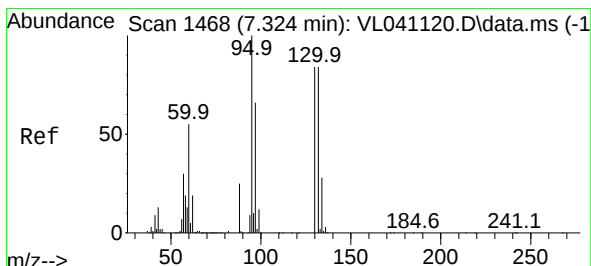
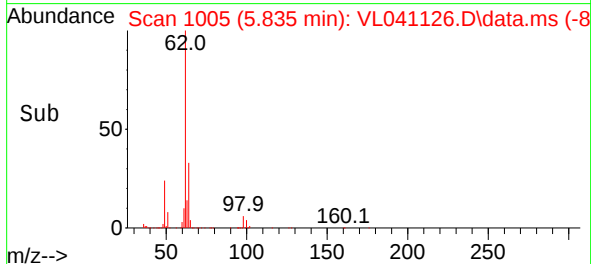
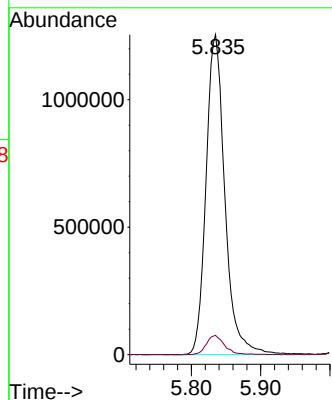
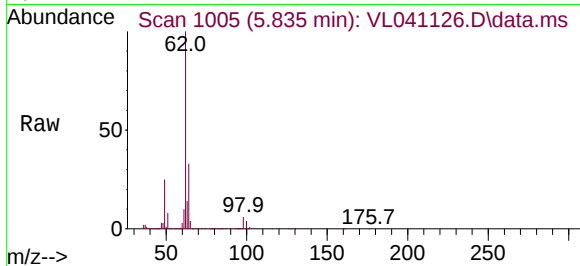




#37
1,2-Dichloroethane
Concen: 14.660 ppbv
RT: 5.835 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

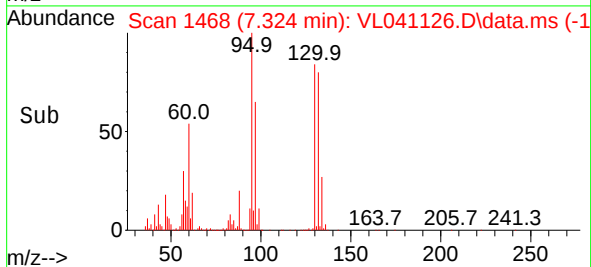
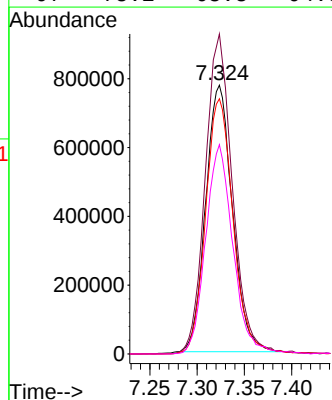
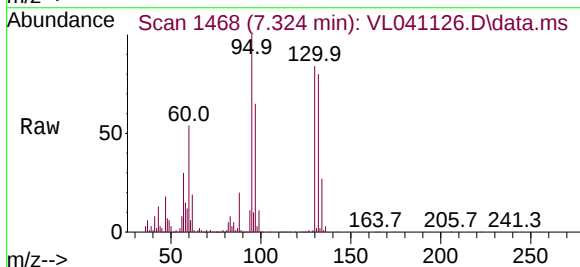
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

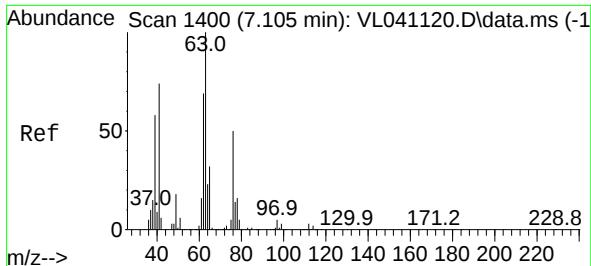
Tgt Ion: 62 Resp: 2365529
Ion Ratio Lower Upper
62 100
98 5.9 4.6 7.0



#38
Trichloroethene
Concen: 15.684 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion:130 Resp: 1527962
Ion Ratio Lower Upper
130 100
95 119.3 95.4 143.0
132 95.1 80.0 120.0
97 78.2 63.3 94.9





#39

1,2-Dichloropropane

Concen: 14.278 ppbv

RT: 7.105 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

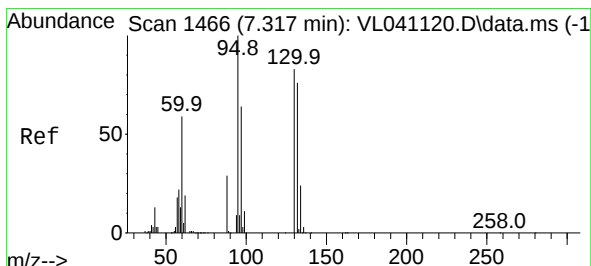
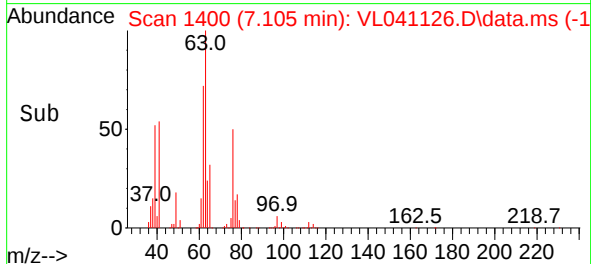
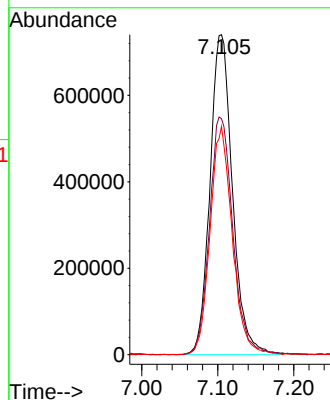
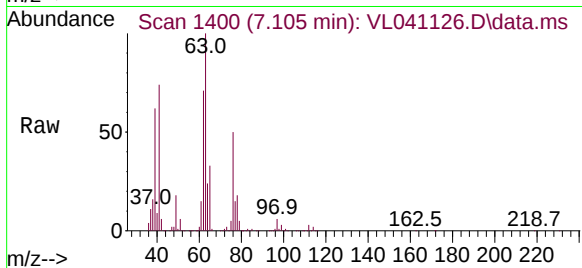
Tgt Ion: 63 Resp: 1521376

Ion Ratio Lower Upper

63 100

41 73.6 58.7 88.1

62 71.2 55.5 83.3



#40

1,4-Dioxane

Concen: 13.175 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Tgt Ion: 88 Resp: 481293

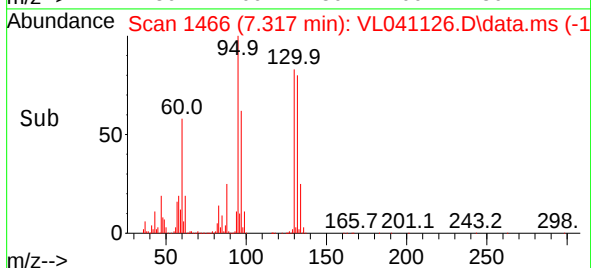
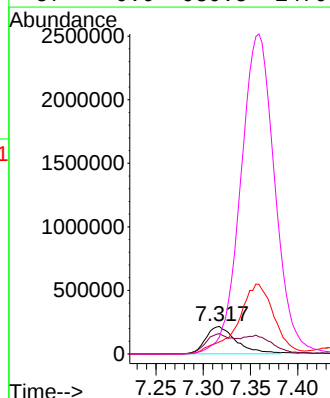
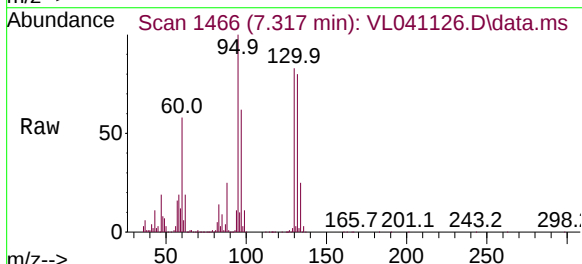
Ion Ratio Lower Upper

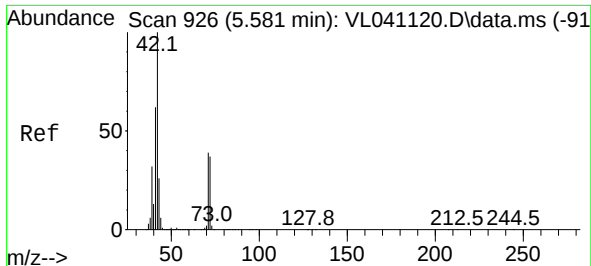
88 100

58 66.9 107.8 161.6#

43 0.0 223.8 335.6#

57 0.0 980.5 1470.7#

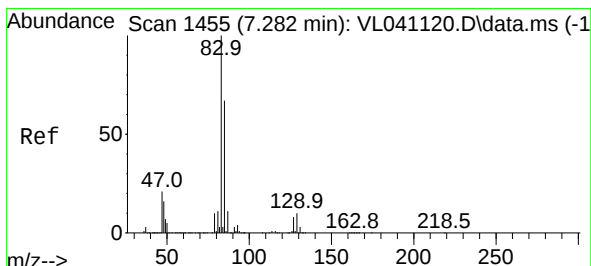
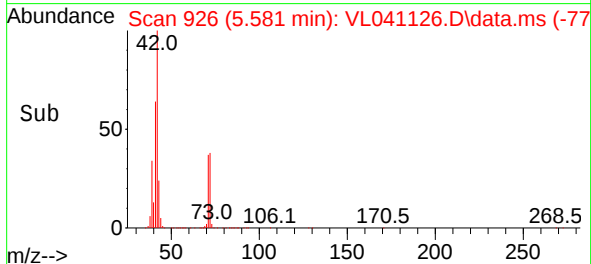
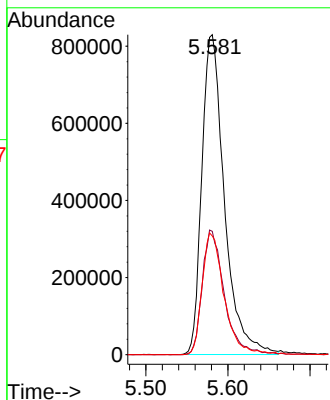
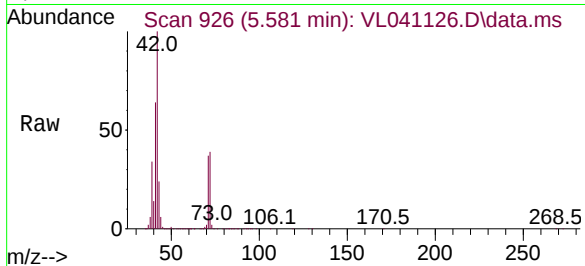




#41
Tetrahydrofuran
Concen: 15.696 ppbv
RT: 5.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

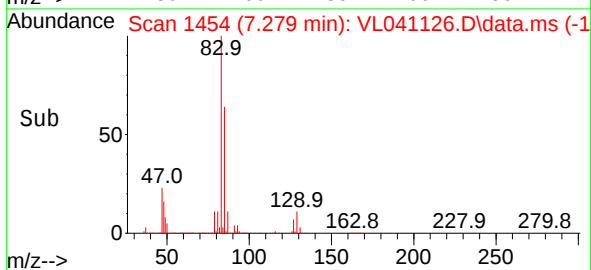
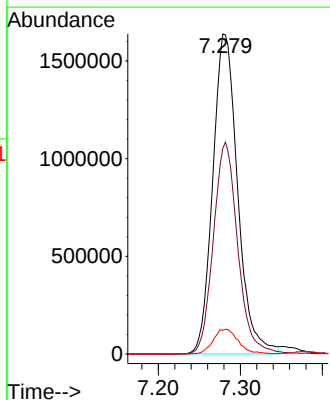
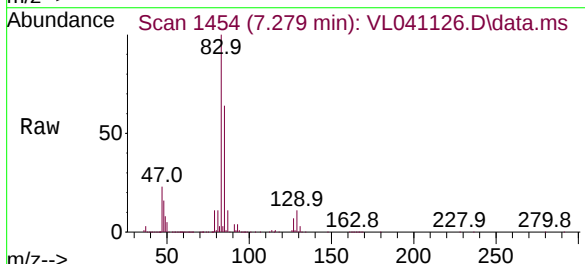
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

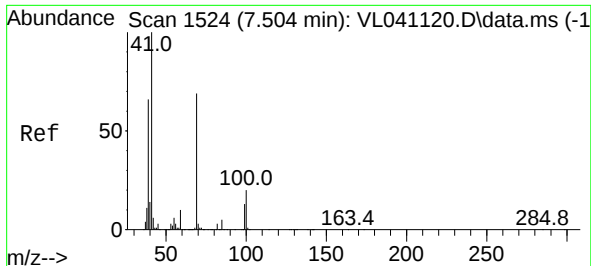
Tgt Ion: 42 Resp: 1586902
Ion Ratio Lower Upper
42 100
72 38.2 31.2 46.8
71 37.4 29.9 44.9



#42
Bromodichloromethane
Concen: 15.025 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 83 Resp: 3463641
Ion Ratio Lower Upper
83 100
85 64.3 53.5 80.3
127 7.3 6.2 9.4





#43

Methyl Methacrylate

Concen: 17.934 ppbv

RT: 7.507 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

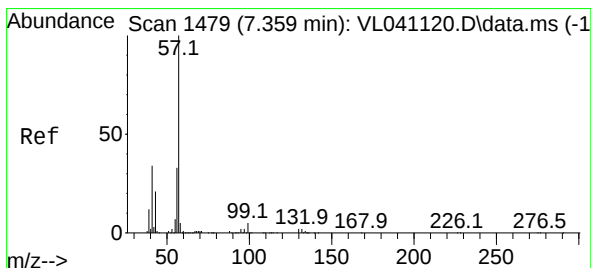
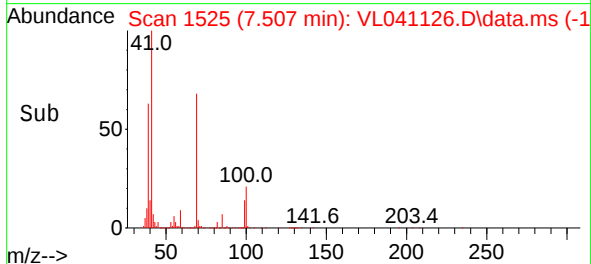
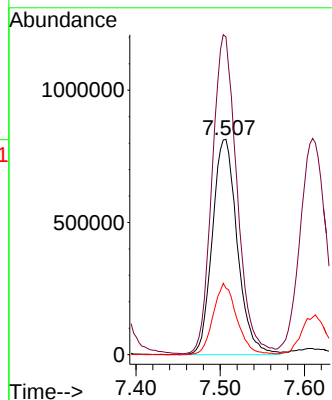
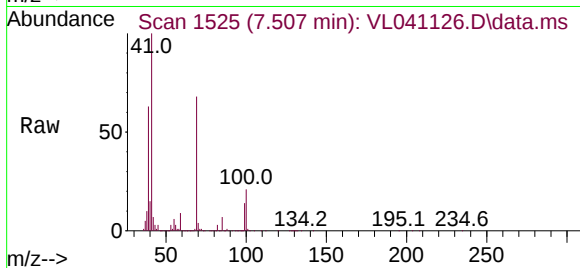
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 1672393

Ion	Ratio	Lower	Upper
69	100		
41	147.7	119.2	178.8
100	31.4	24.6	37.0



#44

2,2,4-Trimethylpentane

Concen: 14.262 ppbv

RT: 7.359 min Scan# 1479

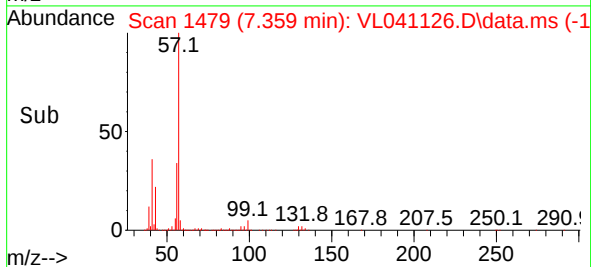
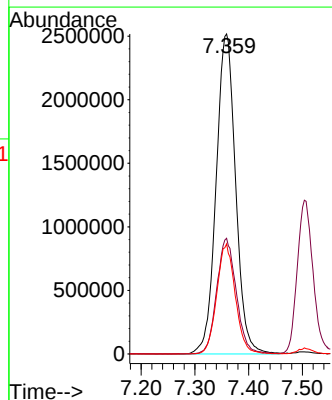
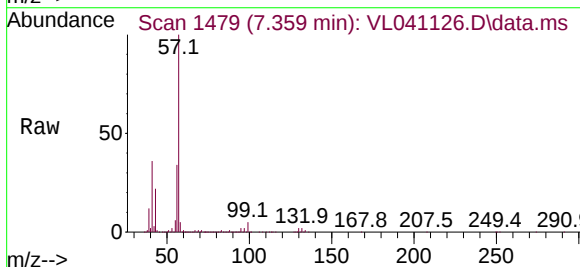
Delta R.T. -0.000 min

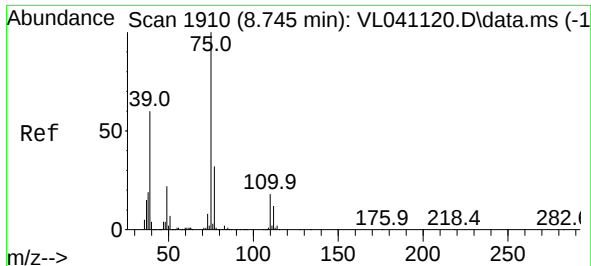
Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Tgt Ion: 57 Resp: 6345155

Ion	Ratio	Lower	Upper
57	100		
41	36.1	28.2	42.2
56	32.7	25.2	37.8





#45

t-1,3-Dichloropropene

Concen: 18.513 ppbv

RT: 8.741 min Scan# 1910

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

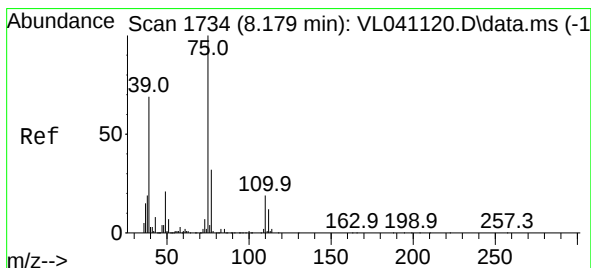
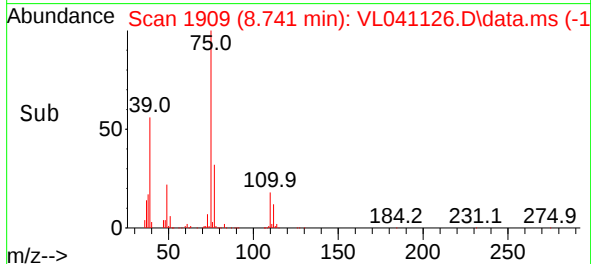
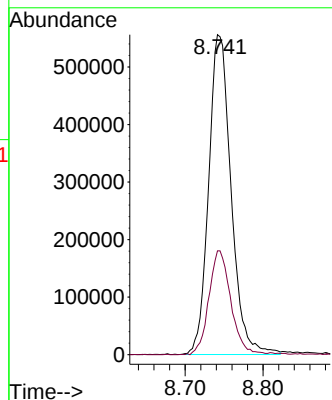
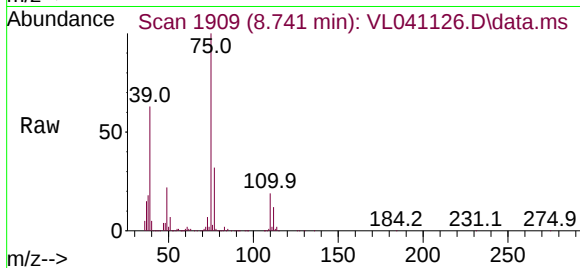
VSTDIC015

Tgt Ion: 75 Resp: 1112622

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 17.441 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

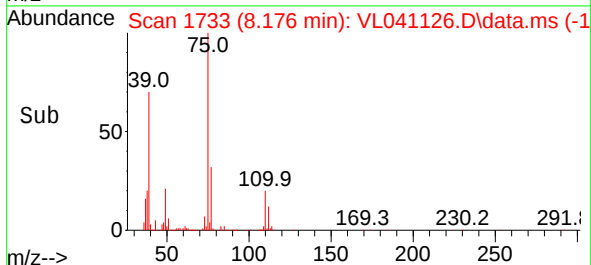
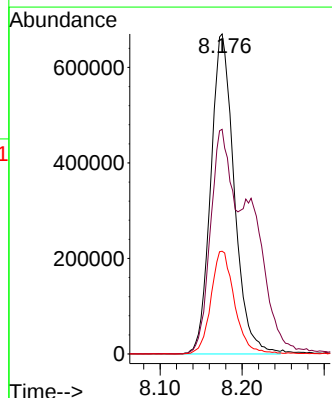
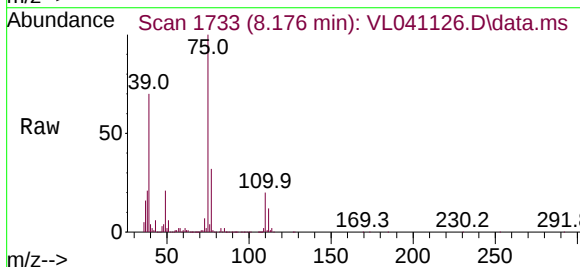
Tgt Ion: 75 Resp: 1334385

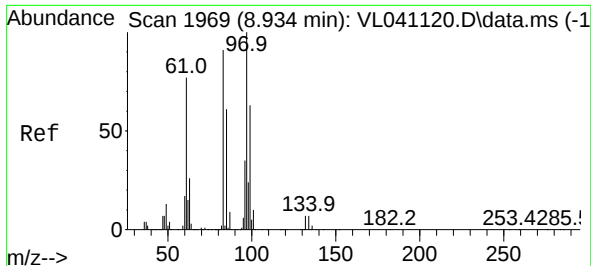
Ion Ratio Lower Upper

75 100

39 70.1 55.1 82.7

77 32.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 14.784 ppbv

RT: 8.934 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1693342

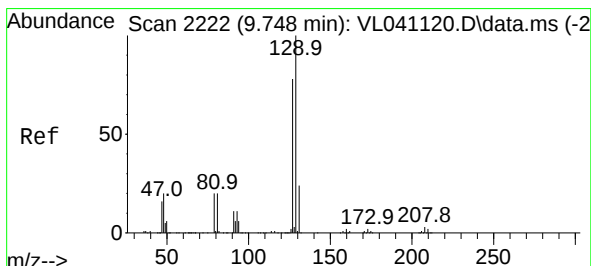
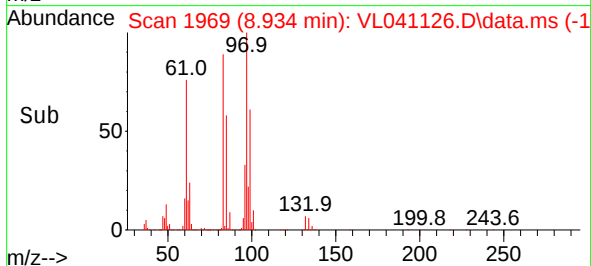
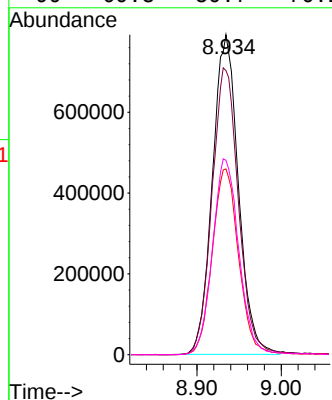
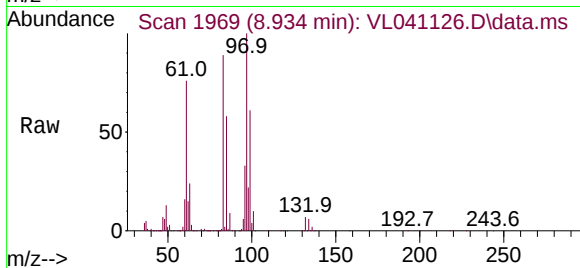
Ion Ratio Lower Upper

97 100

83 88.8 72.9 109.3

85 58.1 49.1 73.7

99 60.8 50.7 76.1



#48

Dibromochloromethane

Concen: 16.276 ppbv

RT: 9.745 min Scan# 2221

Delta R.T. -0.003 min

Lab File: VL041126.D

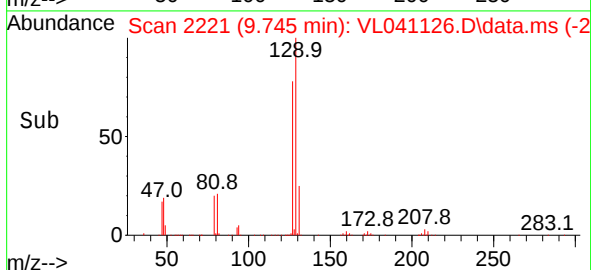
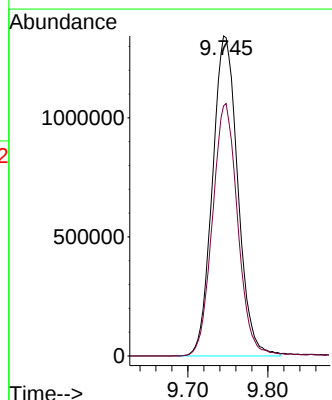
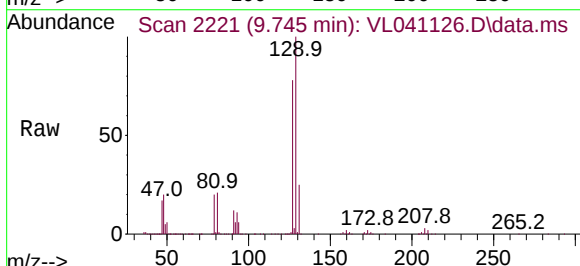
Acq: 4 Apr 2024 13:21

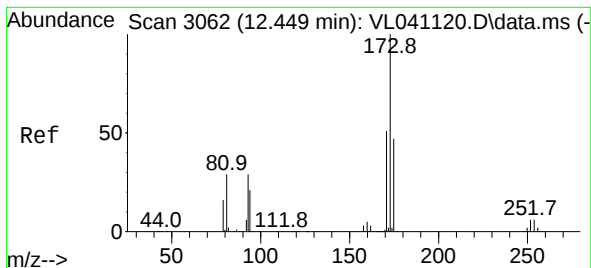
Tgt Ion:129 Resp: 2959076

Ion Ratio Lower Upper

129 100

127 79.2 39.3 117.9





#49

Bromoform

Concen: 16.545 ppbv

RT: 12.445 min Scan# 3062

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

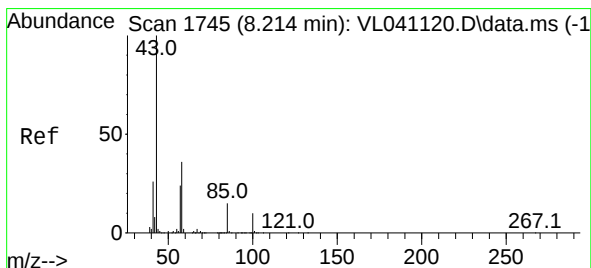
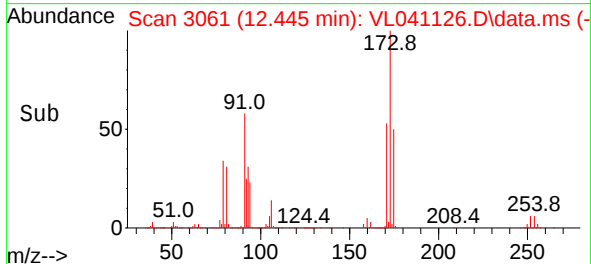
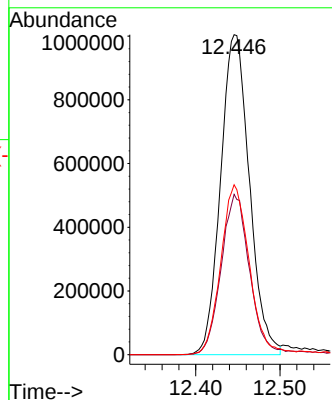
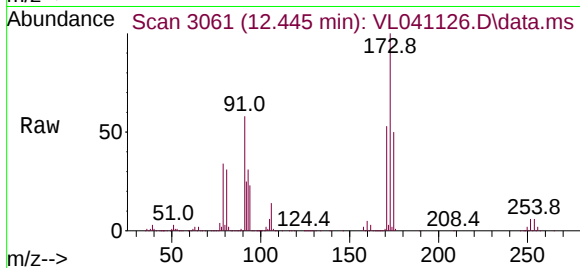
Tgt Ion:173 Resp: 2384424

Ion Ratio Lower Upper

173 100

175 50.2 39.4 59.0

171 53.7 42.9 64.3



#50

4-Methyl-2-Pentanone

Concen: 15.457 ppbv

RT: 8.211 min Scan# 1744

Delta R.T. -0.003 min

Lab File: VL041126.D

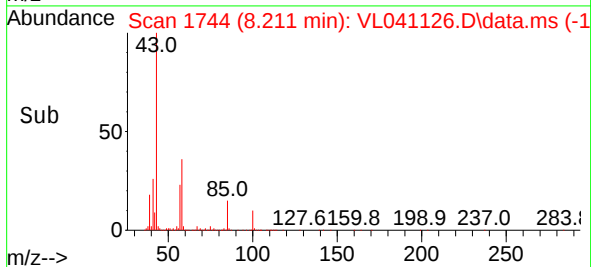
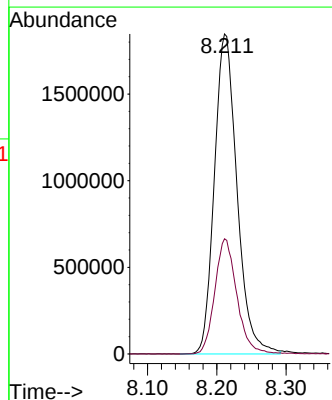
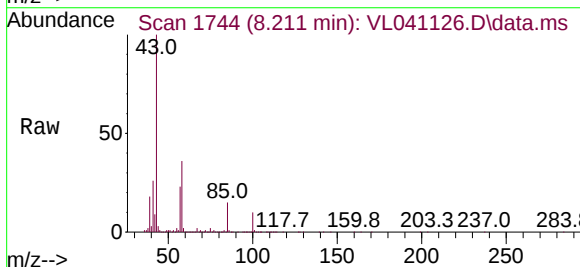
Acq: 4 Apr 2024 13:21

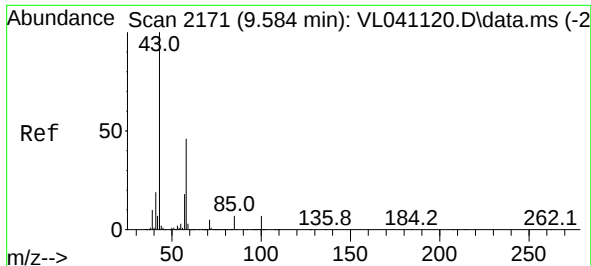
Tgt Ion: 43 Resp: 4192339

Ion Ratio Lower Upper

43 100

58 35.3 27.7 41.5

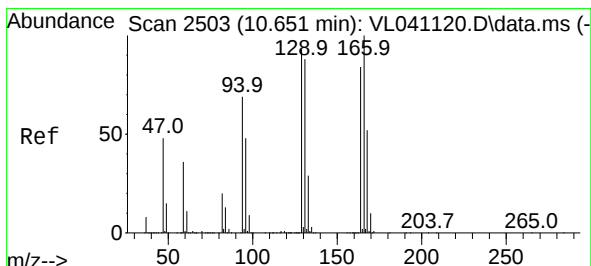
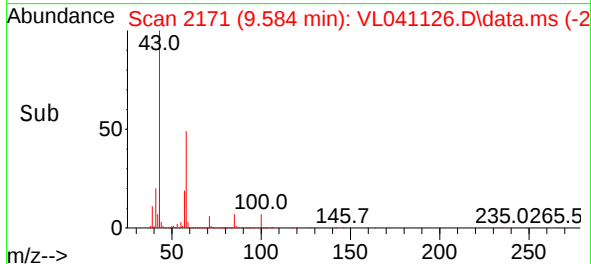
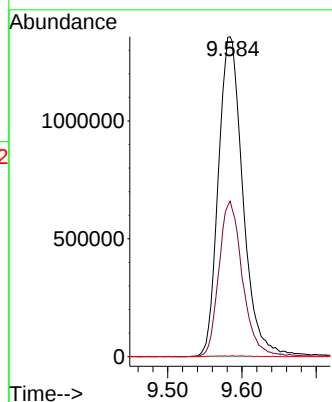
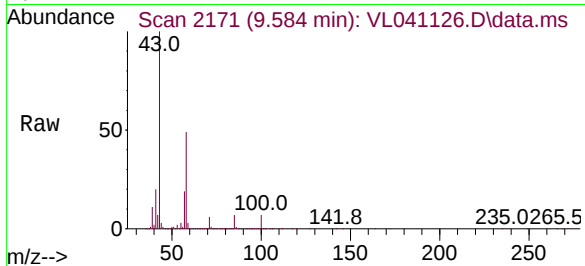




#51
2-Hexanone
Concen: 16.495 ppbv
RT: 9.584 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

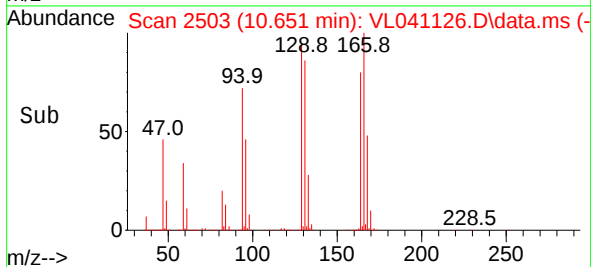
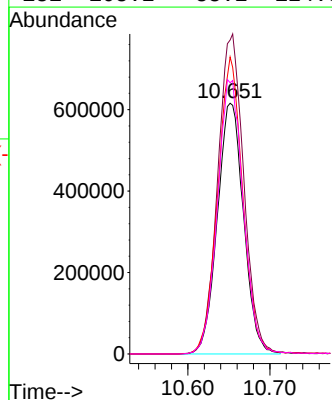
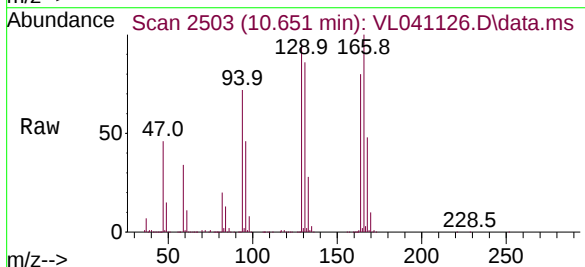
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

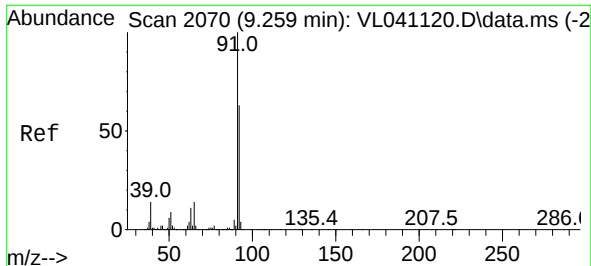
Tgt Ion: 43 Resp: 3101734
Ion Ratio Lower Upper
43 100
58 47.6 37.3 55.9
98 0.4 0.3 0.5



#52
Tetrachloroethene
Concen: 15.862 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion:164 Resp: 1365217
Ion Ratio Lower Upper
164 100
166 125.2 95.0 142.6
129 118.5 88.7 133.1
131 108.2 83.2 124.8





#53

Toluene

Concen: 15.894 ppbv

RT: 9.256 min Scan# 2070

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

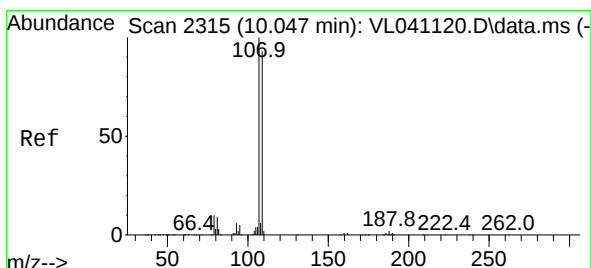
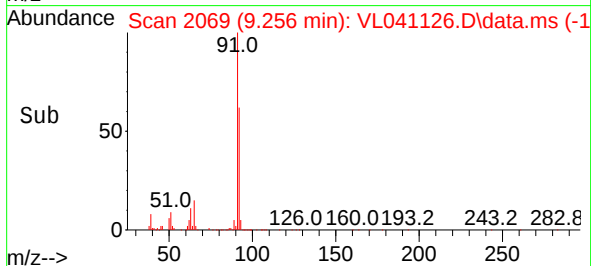
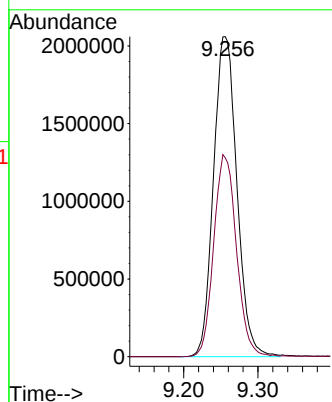
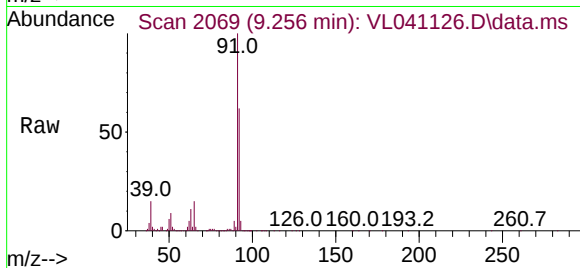
VSTDIC015

Tgt Ion: 91 Resp: 4513338

Ion Ratio Lower Upper

91 100

92 61.8 49.0 73.4



#54

1,2-Dibromoethane

Concen: 16.491 ppbv

RT: 10.044 min Scan# 2314

Delta R.T. -0.003 min

Lab File: VL041126.D

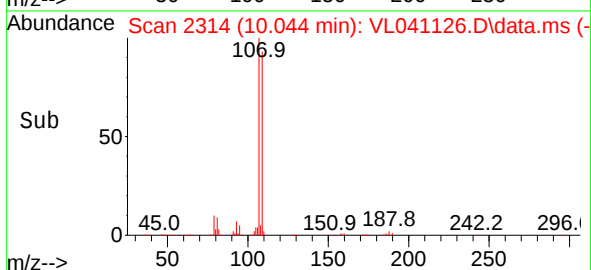
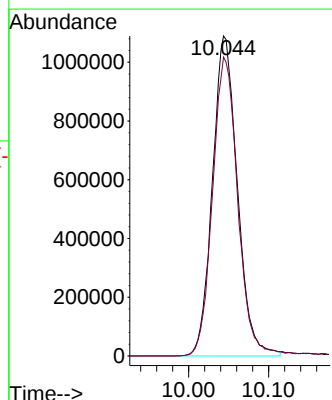
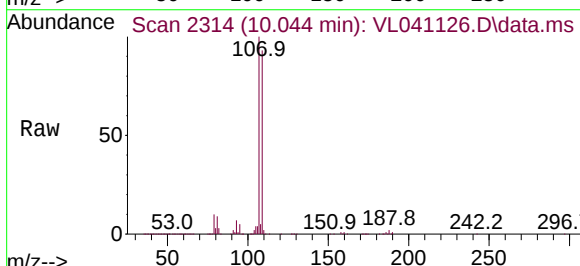
Acq: 4 Apr 2024 13:21

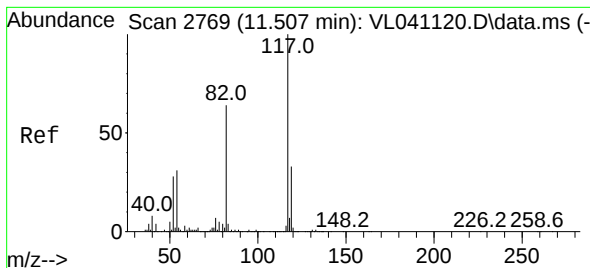
Tgt Ion: 107 Resp: 2353824

Ion Ratio Lower Upper

107 100

109 93.4 74.3 111.5

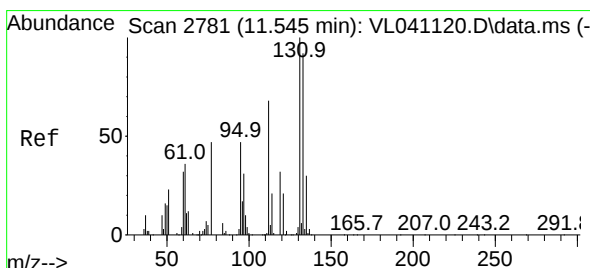
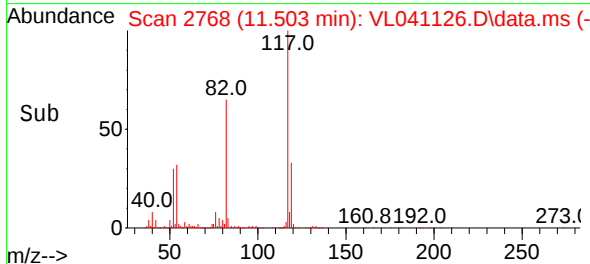
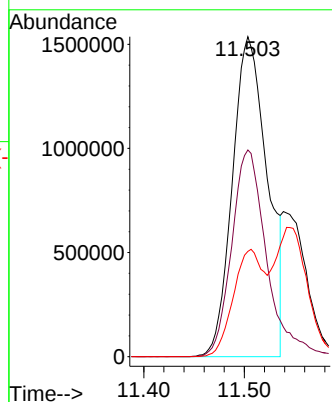
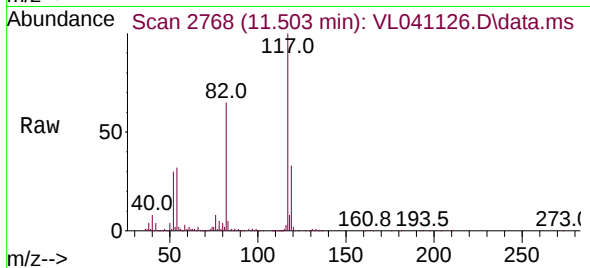




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

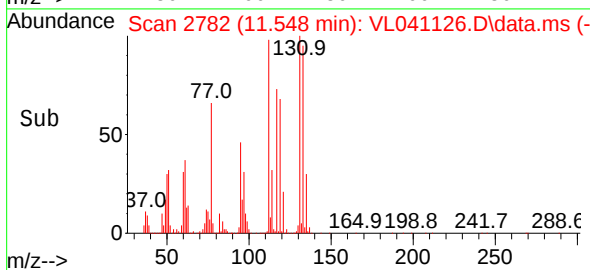
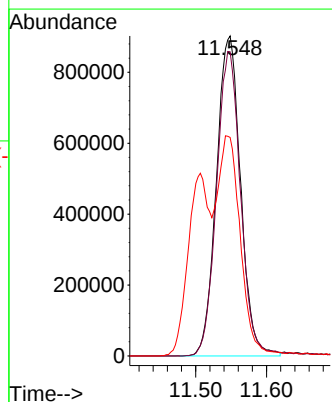
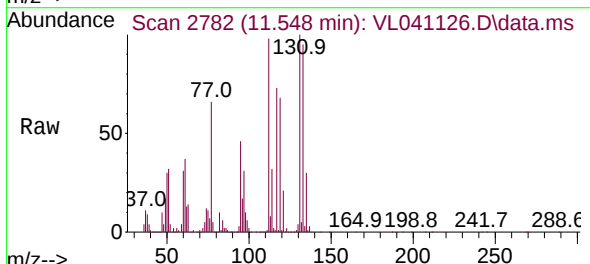
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

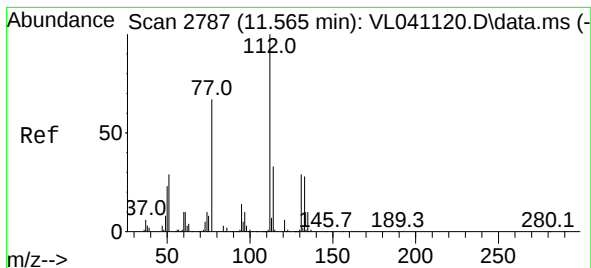
Tgt Ion:117 Resp: 3712039
Ion Ratio Lower Upper
117 100
82 65.5 51.0 76.6
119 31.5 25.2 37.8



#56
1,1,1,2-Tetrachloroethane
Concen: 14.061 ppbv
RT: 11.548 min Scan# 2782
Delta R.T. 0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion:131 Resp: 2134678
Ion Ratio Lower Upper
131 100
133 96.6 76.6 115.0
119 63.7 49.9 74.9

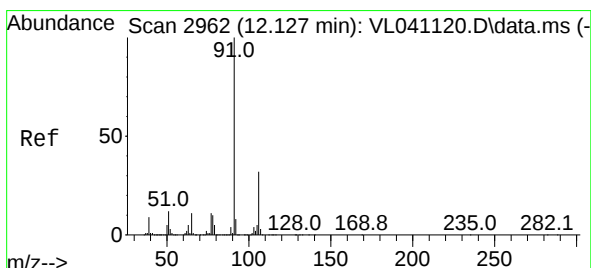
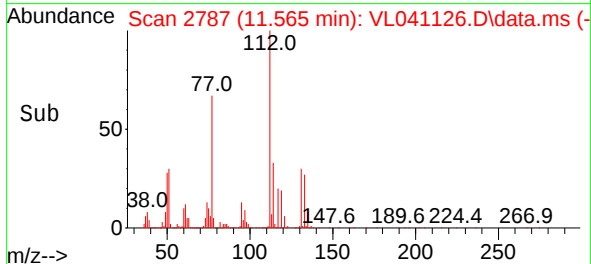
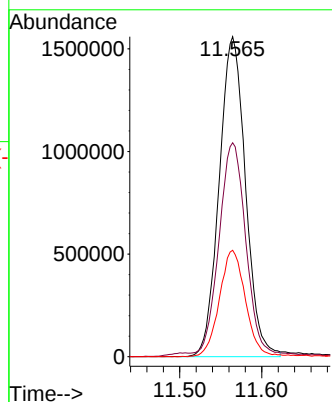
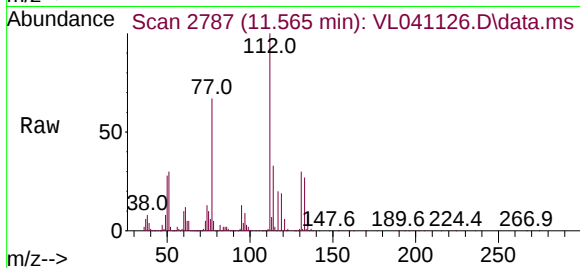




#57
Chlorobenzene
Concen: 13.868 ppbv
RT: 11.565 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

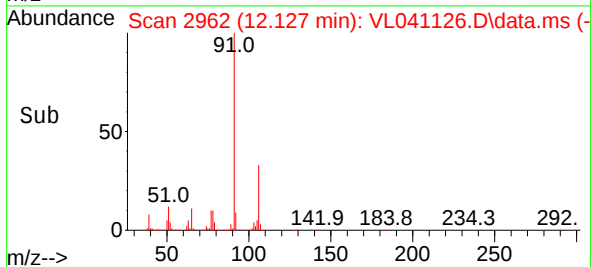
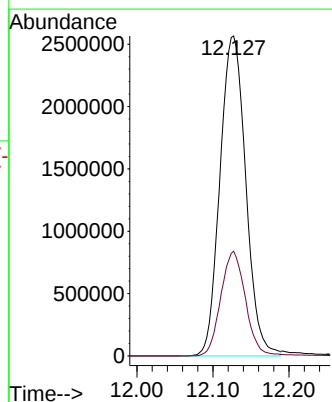
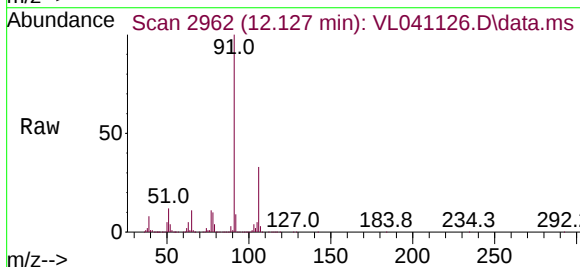
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

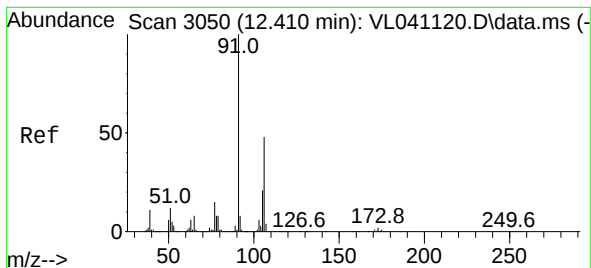
Tgt Ion:112 Resp: 3484375
Ion Ratio Lower Upper
112 100
77 65.7 54.0 81.0
114 33.2 29.3 35.9



#58
Ethyl Benzene
Concen: 14.955 ppbv
RT: 12.127 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 91 Resp: 6045839
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

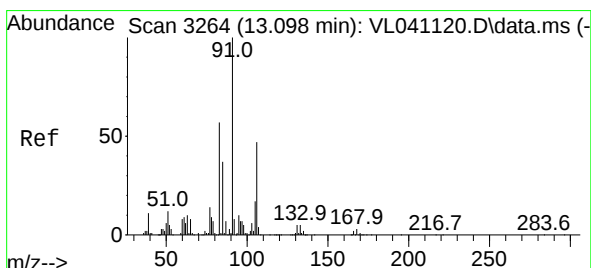
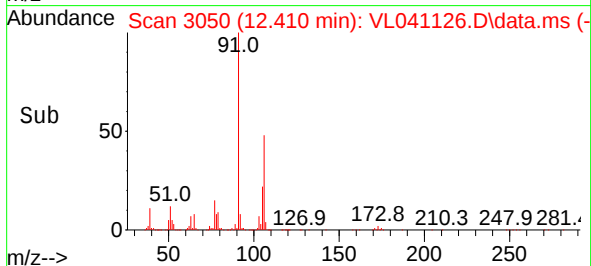
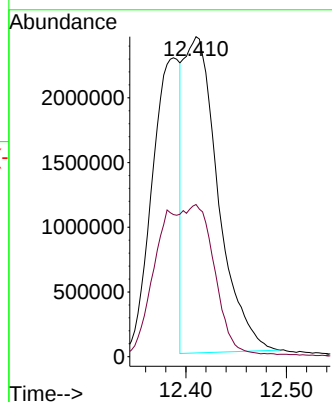
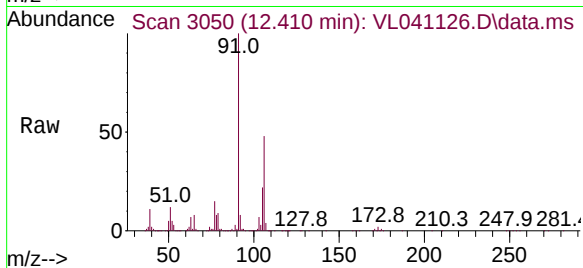




#59
m/p-Xylene
Concen: 15.873 ppbv
RT: 12.410 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

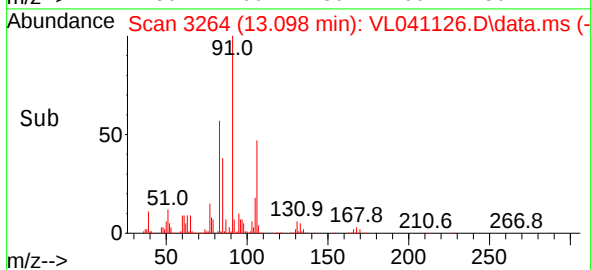
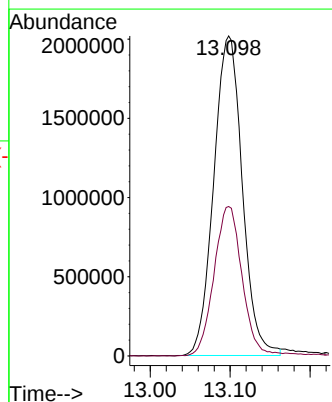
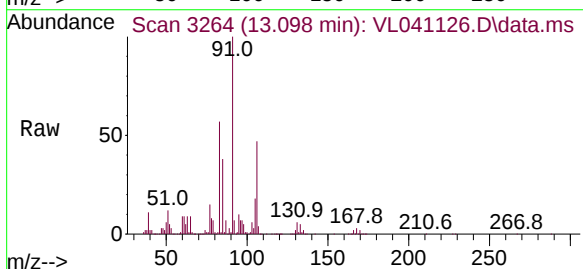
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

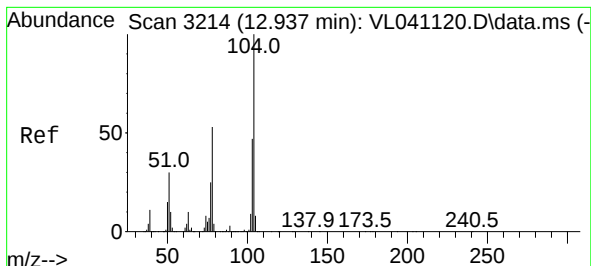
Tgt Ion: 91 Resp: 5799947
Ion Ratio Lower Upper
91 100
106 81.1 35.4 53.2#



#60
o-Xylene
Concen: 14.381 ppbv
RT: 13.098 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion: 91 Resp: 4997915
Ion Ratio Lower Upper
91 100
106 47.0 22.9 68.5





#61

Styrene

Concen: 17.045 ppbv

RT: 12.934 min Scan# 3214

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

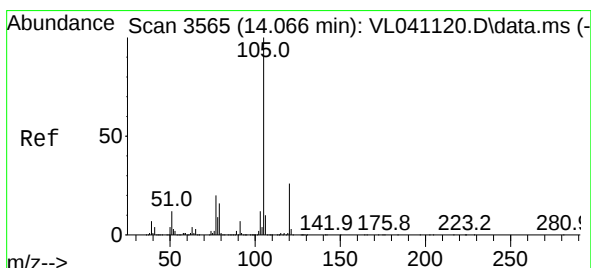
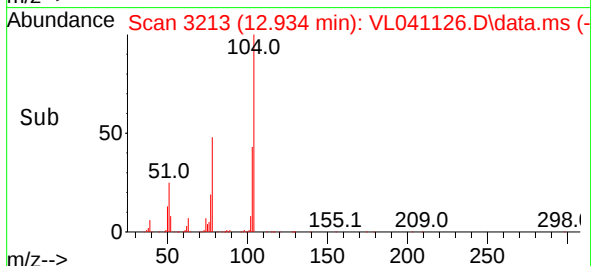
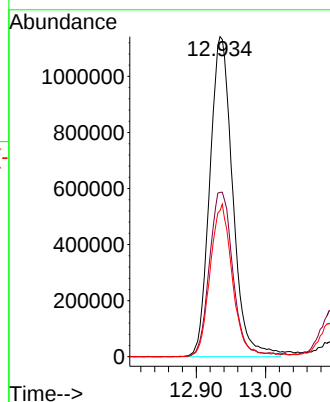
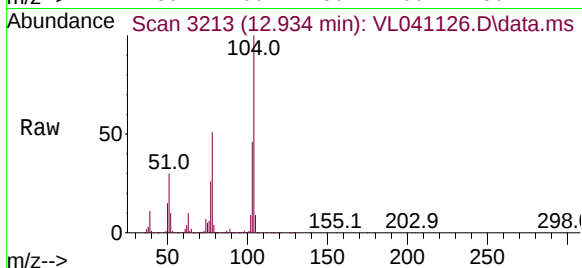
Tgt Ion:104 Resp: 2621855

Ion Ratio Lower Upper

104 100

78 53.1 43.3 64.9

103 47.0 38.2 57.2



#62

Isopropylbenzene

Concen: 13.931 ppbv

RT: 14.069 min Scan# 3566

Delta R.T. 0.003 min

Lab File: VL041126.D

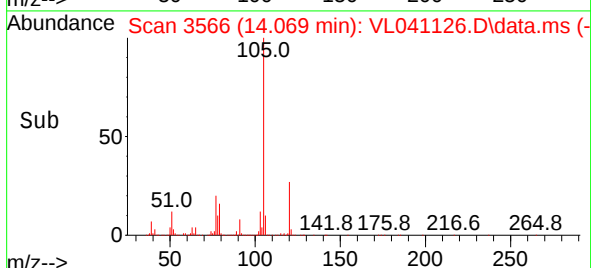
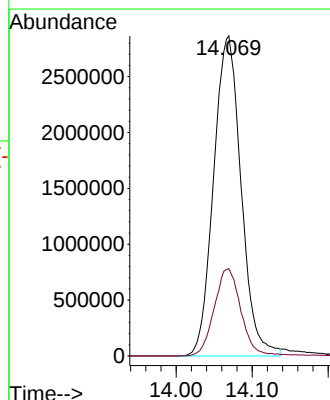
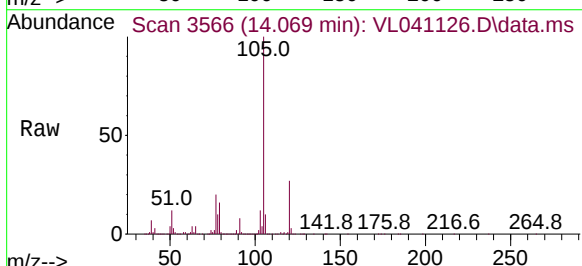
Acq: 4 Apr 2024 13:21

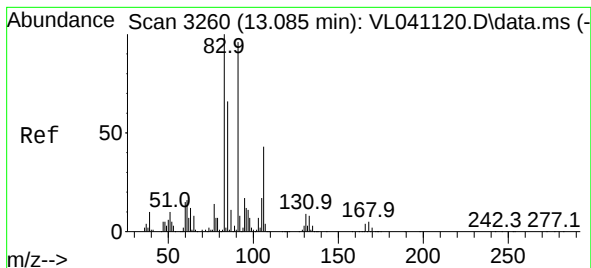
Tgt Ion:105 Resp: 7187181

Ion Ratio Lower Upper

105 100

120 26.9 21.0 31.4

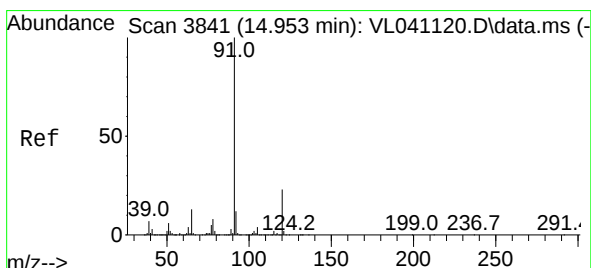
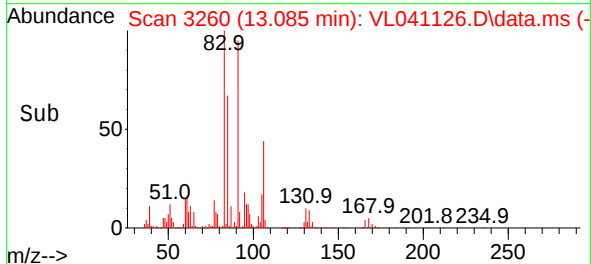
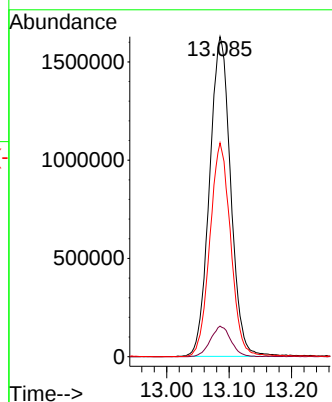
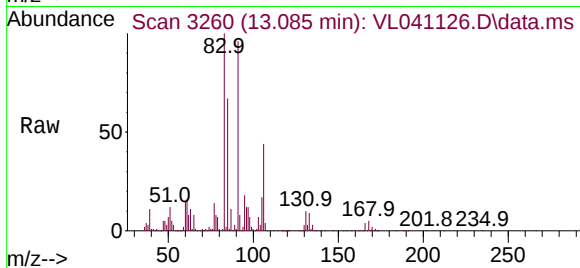




#63
1,1,2,2-Tetrachloroethane
Concen: 13.969 ppbv
RT: 13.085 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

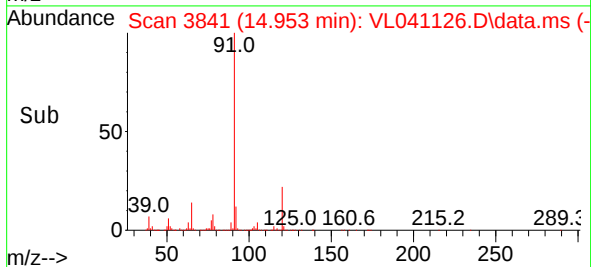
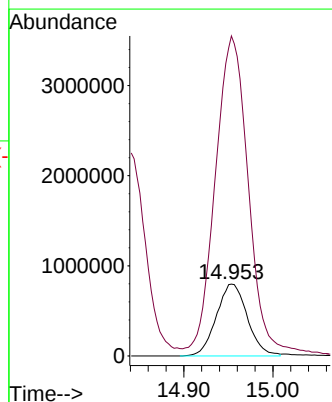
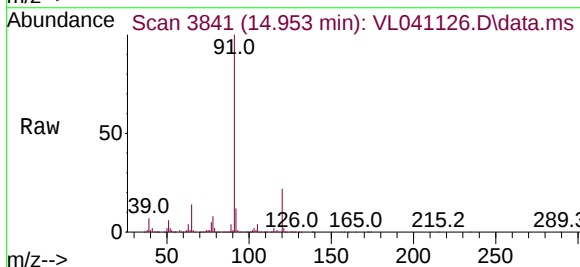
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

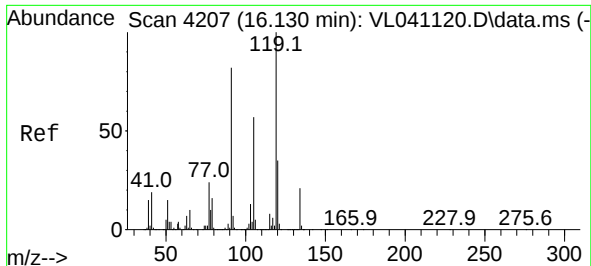
Tgt Ion: 83 Resp: 3831041
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 66.3 33.1 99.2



#64
n-propylbenzene
Concen: 14.882 ppbv
RT: 14.953 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion:120 Resp: 1922032
Ion Ratio Lower Upper
120 100
91 484.2 395.0 592.6





#65

tert-Butylbenzene

Concen: 14.427 ppbv

RT: 16.127 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

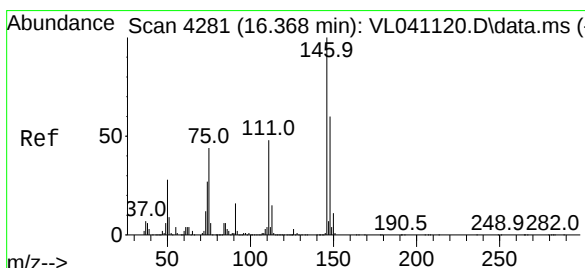
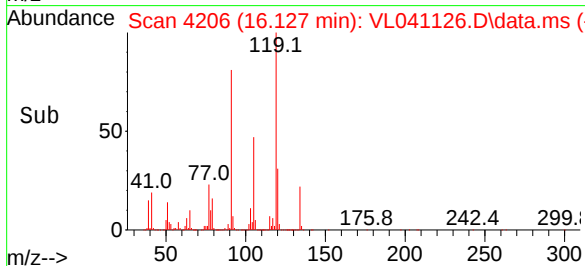
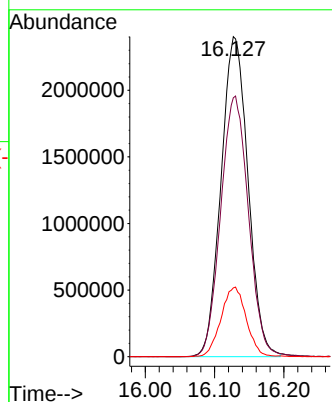
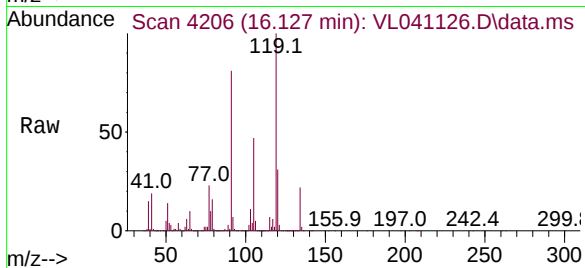
Tgt Ion:119 Resp: 6501774

Ion Ratio Lower Upper

119 100

91 84.0 67.8 101.8

134 20.5 16.0 24.0



#66

Benzyl Chloride

Concen: 18.291 ppbv

RT: 16.365 min Scan# 4280

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

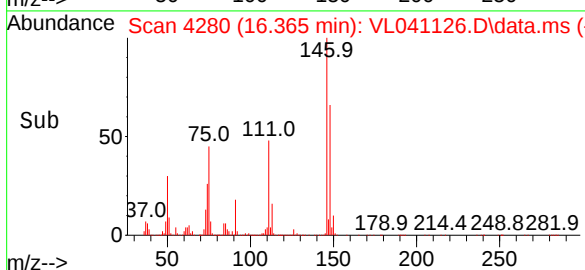
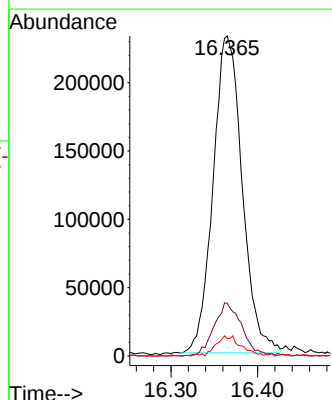
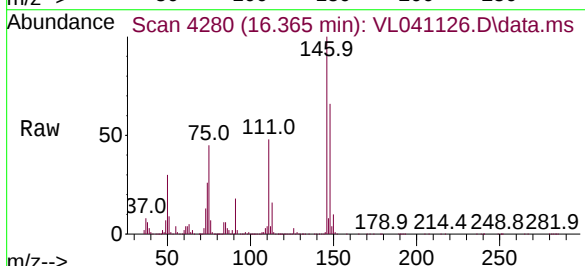
Tgt Ion: 91 Resp: 543219

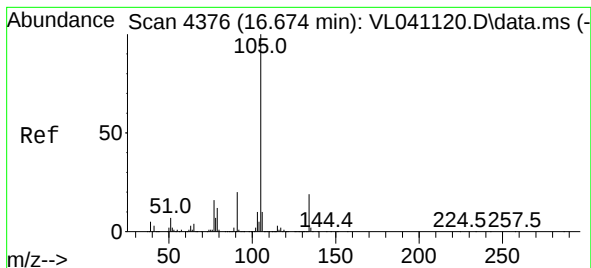
Ion Ratio Lower Upper

91 100

126 16.2 13.4 20.2

128 5.8 4.3 6.5





#67

sec-Butylbenzene

Concen: 14.060 ppbv

RT: 16.674 min Scan# 4376

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

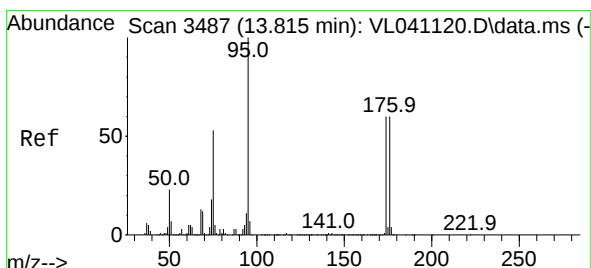
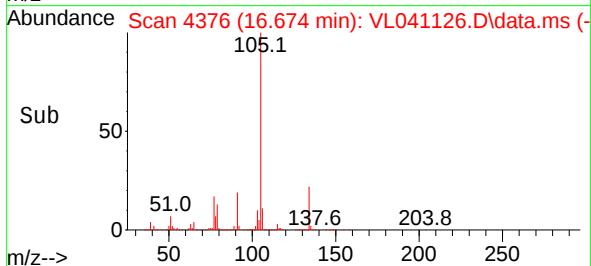
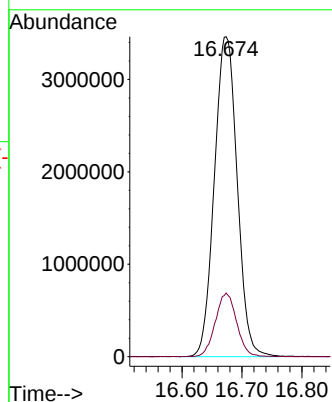
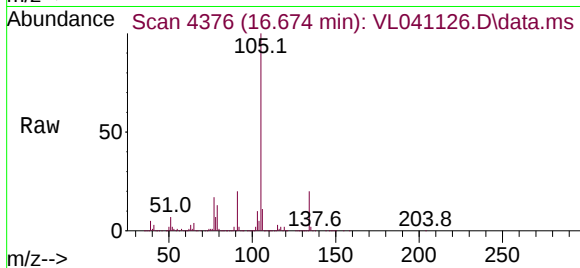
VSTDIC015

Tgt Ion:105 Resp: 9136144

Ion Ratio Lower Upper

105 100

134 18.6 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.926 ppbv

RT: 13.815 min Scan# 3487

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

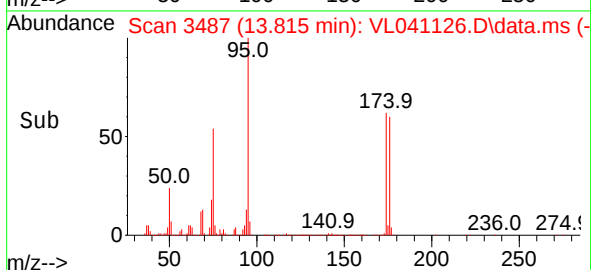
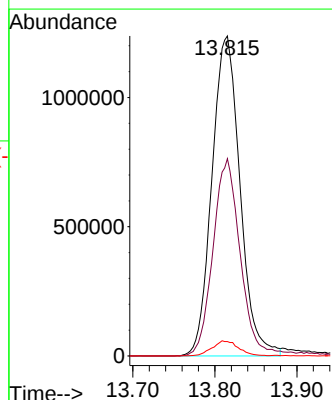
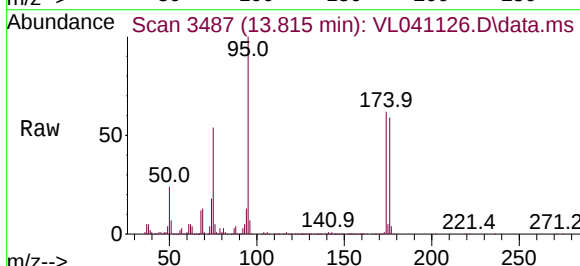
Tgt Ion: 95 Resp: 2952104

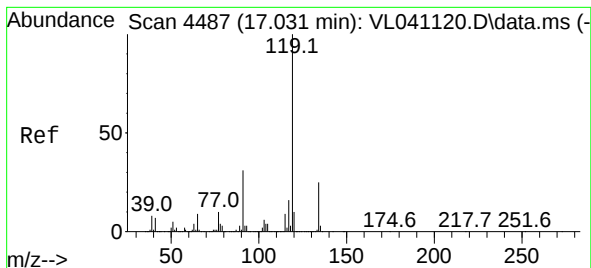
Ion Ratio Lower Upper

95 100

174 61.1 49.3 73.9

175 4.6 3.6 5.4





#69

p-Isopropyltoluene

Concen: 14.908 ppbv

RT: 17.034 min Scan# 4487

Delta R.T. 0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

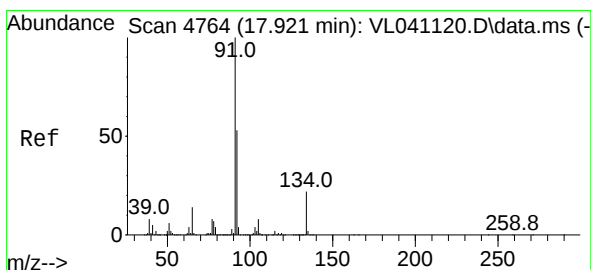
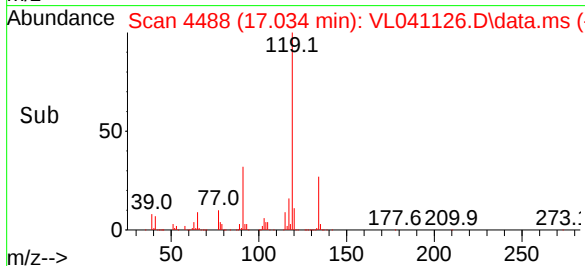
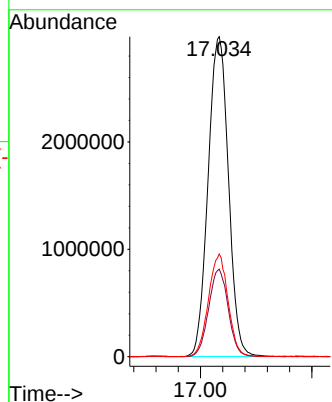
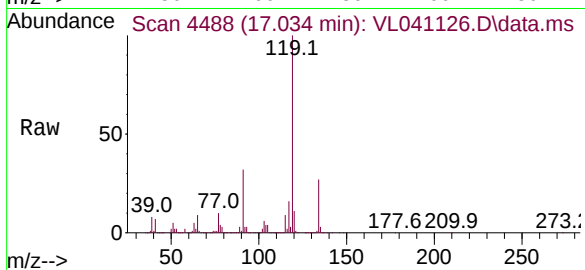
Tgt Ion:119 Resp: 7552712

Ion Ratio Lower Upper

119 100

134 26.4 20.5 30.7

91 30.9 24.8 37.2



#70

n-Butylbenzene

Concen: 14.760 ppbv

RT: 17.921 min Scan# 4764

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

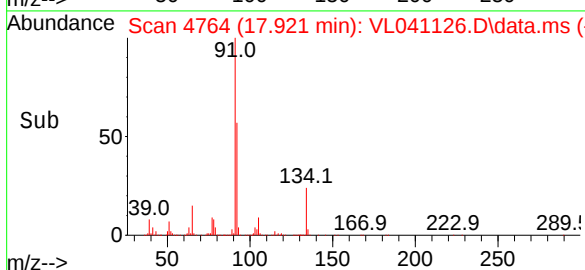
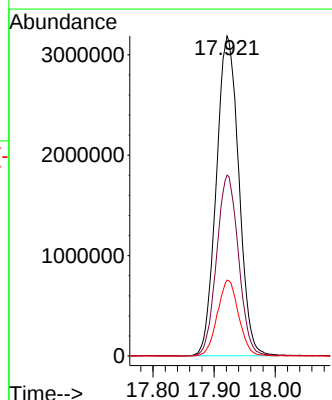
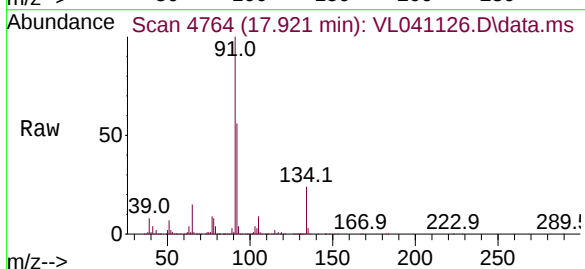
Tgt Ion: 91 Resp: 8143966

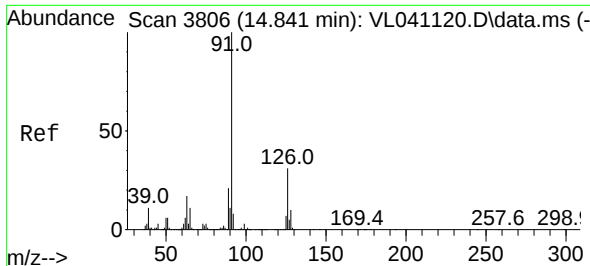
Ion Ratio Lower Upper

91 100

92 55.1 43.4 65.0

134 22.5 17.1 25.7

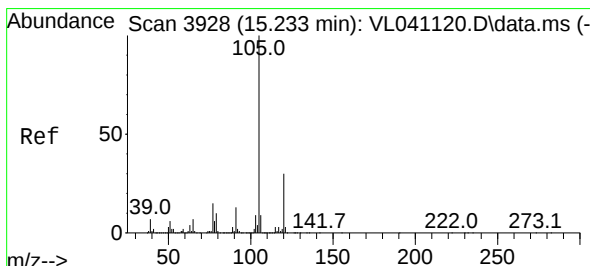
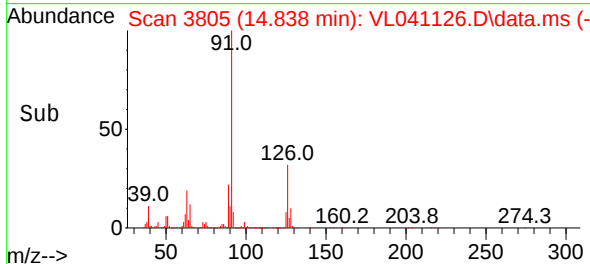
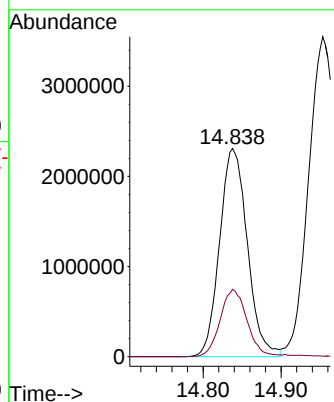
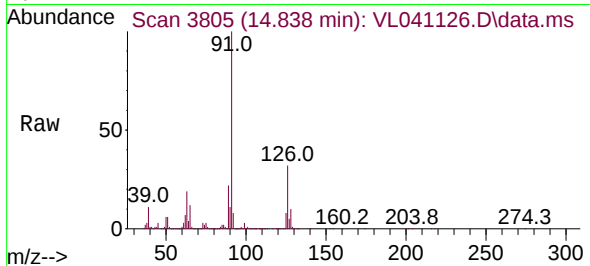




#71
2-Chlorotoluene
Concen: 14.468 ppbv
RT: 14.838 min Scan# 3805
Delta R.T. -0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

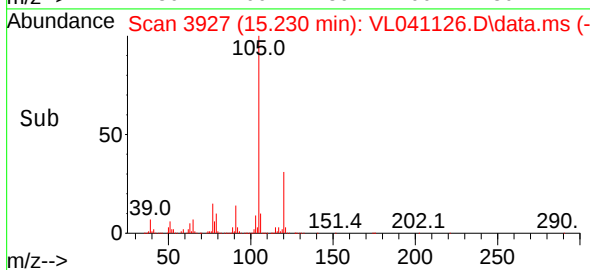
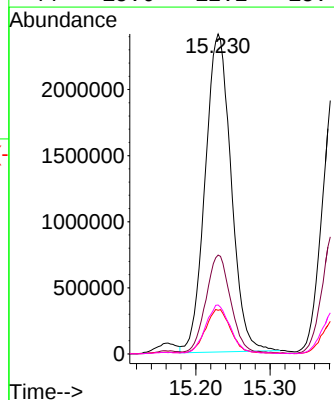
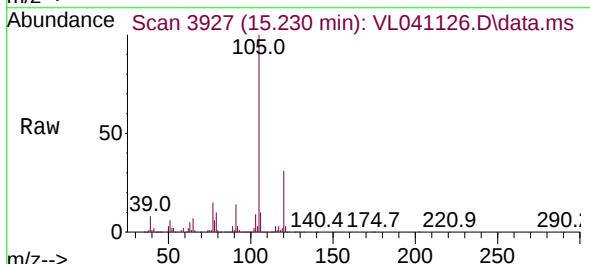
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

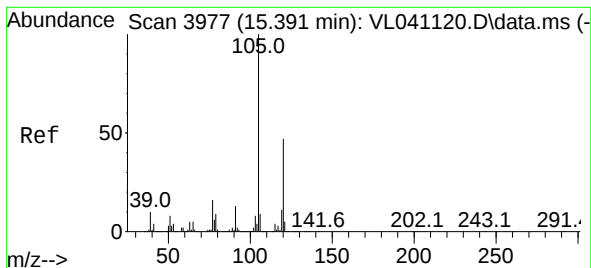
Tgt Ion: 91 Resp: 5716339
Ion Ratio Lower Upper
91 100
126 32.2 12.5 50.1



#72
4-Ethyltoluene
Concen: 15.230 ppbv
RT: 15.230 min Scan# 3927
Delta R.T. -0.003 min
Lab File: VL041126.D
Acq: 4 Apr 2024 13:21

Tgt Ion:105 Resp: 5838842
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 14.7 11.2 16.8
77 15.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 14.852 ppbv

RT: 15.387 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

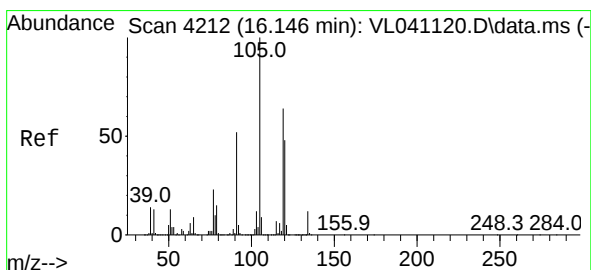
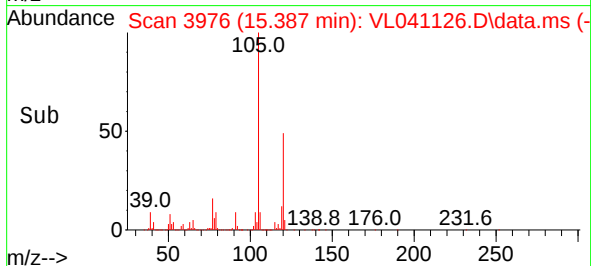
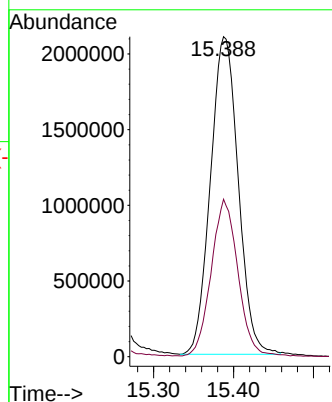
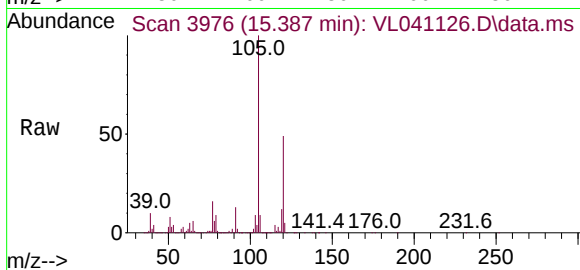
VSTDIC015

Tgt Ion:105 Resp: 5065552

Ion Ratio Lower Upper

105 100

120 49.4 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 14.221 ppbv

RT: 16.146 min Scan# 4212

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Tgt Ion:105 Resp: 5589569

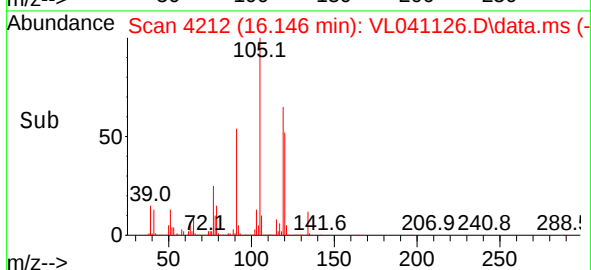
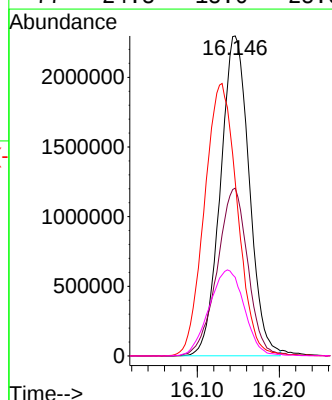
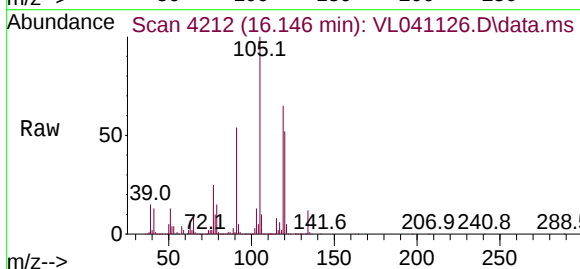
Ion Ratio Lower Upper

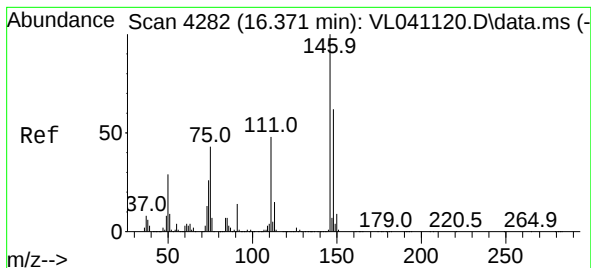
105 100

120 52.3 38.9 58.3

91 53.7 43.0 64.6

77 24.3 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 14.686 ppbv

RT: 16.371 min Scan# 4282

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

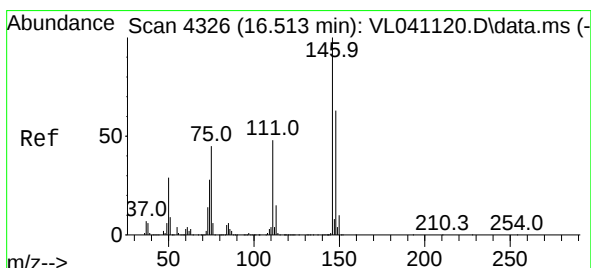
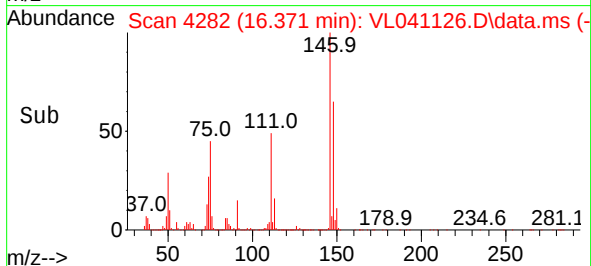
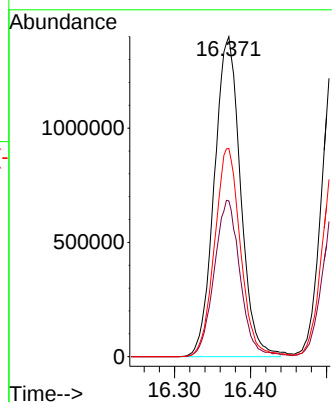
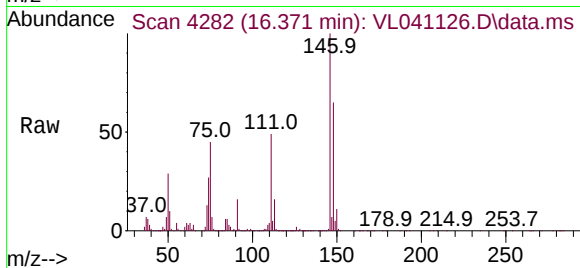
Tgt Ion:146 Resp: 3348586

Ion Ratio Lower Upper

146 100

111 48.4 24.1 72.4

148 64.5 32.0 96.2



#76

1,4-Dichlorobenzene

Concen: 14.882 ppbv

RT: 16.513 min Scan# 4326

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

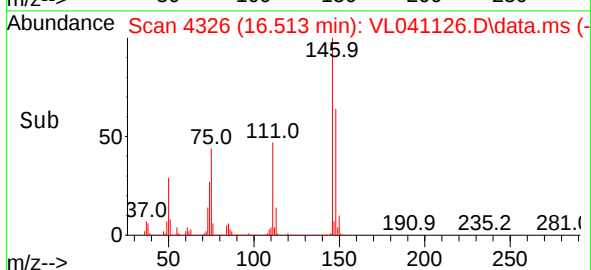
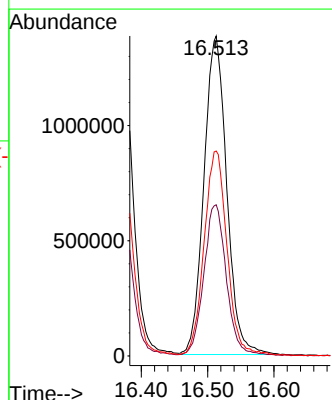
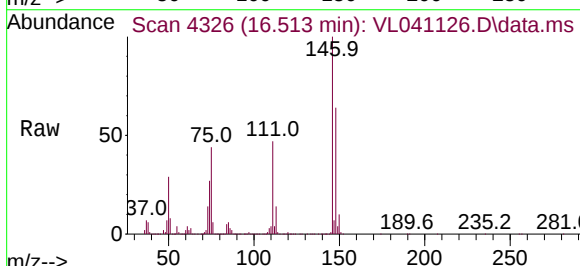
Tgt Ion:146 Resp: 3305414

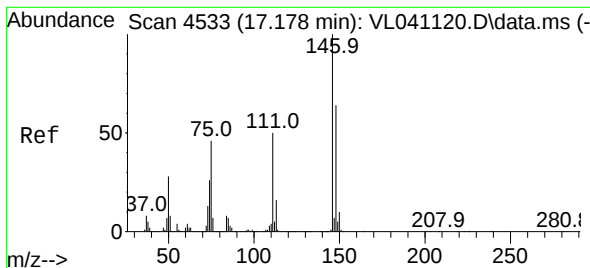
Ion Ratio Lower Upper

146 100

111 47.4 24.1 72.3

148 65.1 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 14.832 ppbv

RT: 17.178 min Scan# 4533

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

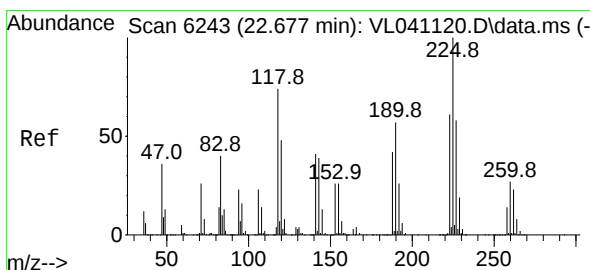
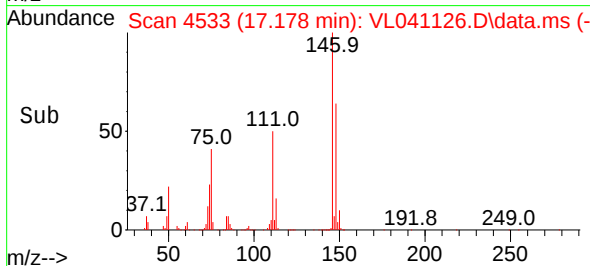
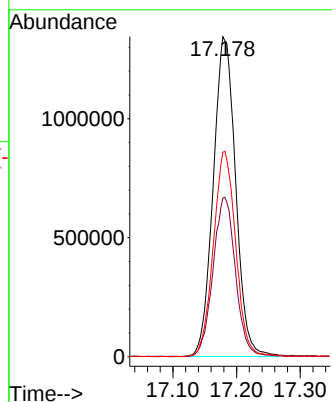
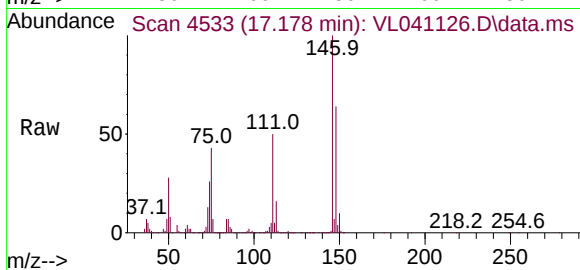
Tgt Ion:146 Resp: 3287380

Ion Ratio Lower Upper

146 100

111 50.1 25.1 75.3

148 64.3 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 13.751 ppbv

RT: 22.677 min Scan# 6243

Delta R.T. -0.000 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

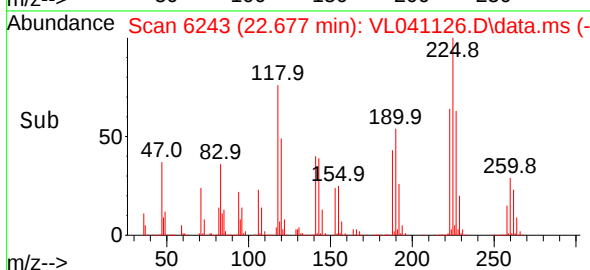
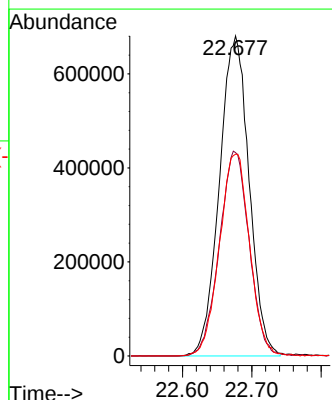
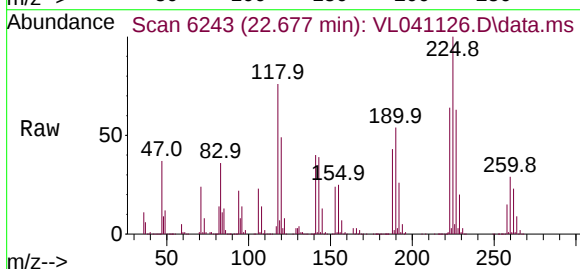
Tgt Ion:225 Resp: 2024110

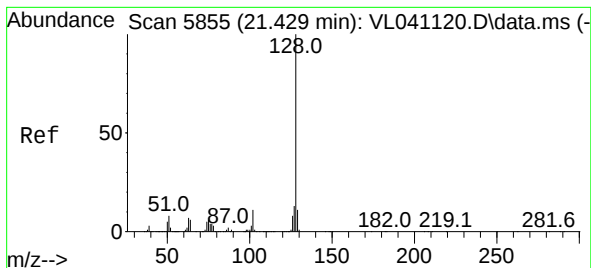
Ion Ratio Lower Upper

225 100

223 64.6 50.9 76.3

227 64.3 51.3 76.9





#79

Naphthalene

Concen: 20.340 ppbv

RT: 21.426 min Scan# 5855

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

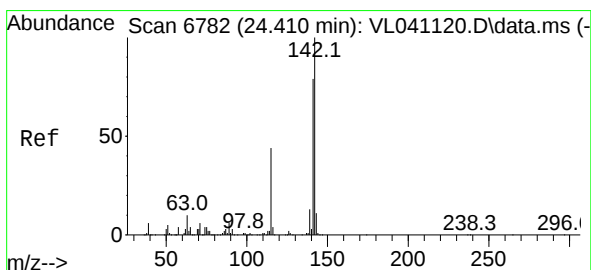
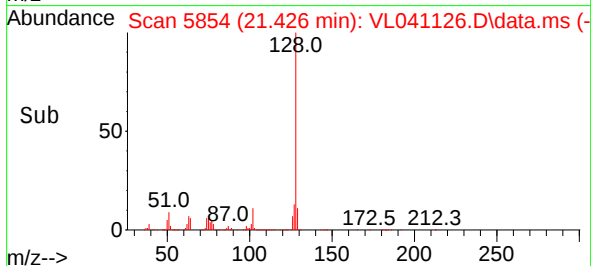
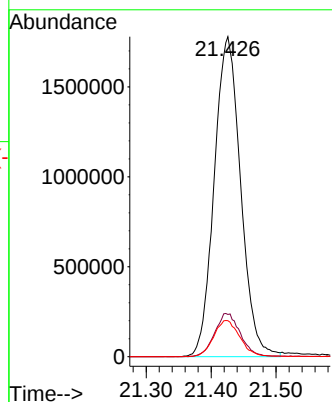
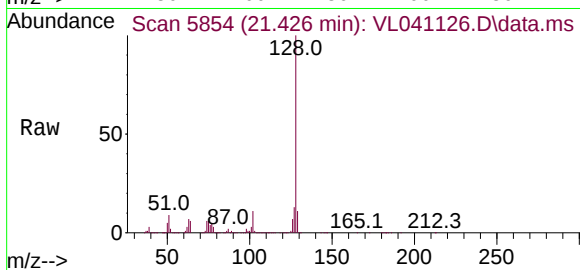
Tgt Ion:128 Resp: 5021826

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.2 8.6 12.8



#80

Naphthalene, 2-methyl-

Concen: 24.100 ppbv

RT: 24.406 min Scan# 6781

Delta R.T. -0.003 min

Lab File: VL041126.D

Acq: 4 Apr 2024 13:21

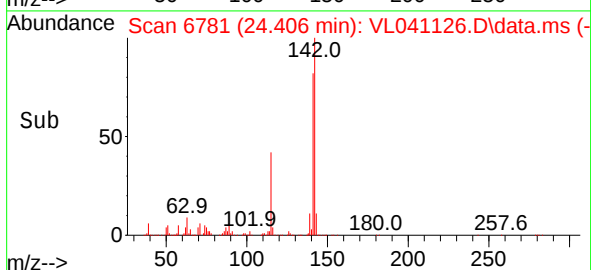
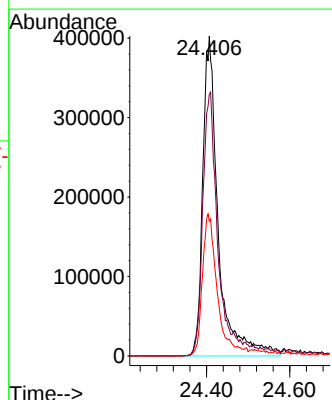
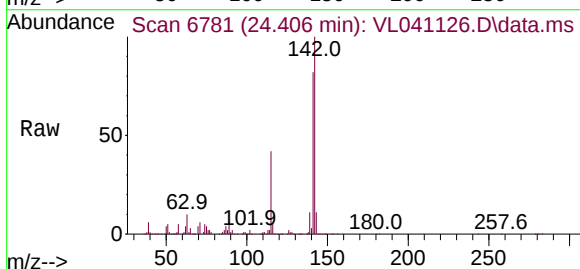
Tgt Ion:142 Resp: 1042788

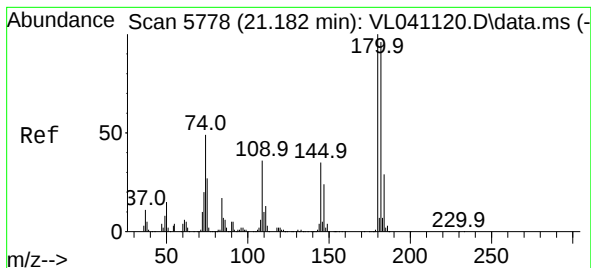
Ion Ratio Lower Upper

142 100

141 83.3 64.4 96.6

115 42.9 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 16.815 ppbv

RT: 21.181 min Scan# 5

Delta R.T. -0.000 min

Lab File: VL041126.D

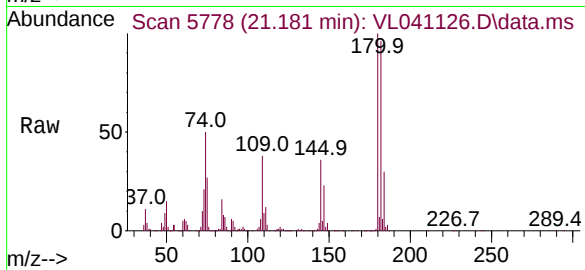
Acq: 4 Apr 2024 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:180 Resp: 2391971

Ion Ratio Lower Upper

180 100

182 97.9 77.4 116.2

184 30.5 24.9 37.3

