

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041529.D
 Acq On : 12 Aug 2024 10:05
 Operator : SY/MD
 Sample : VL0812ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABS01

Quant Time: Aug 13 02:11:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	988193	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2660153	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3080803	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1891814	7.979	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	905343	5.325	ppbv	99
3) Chlorodifluoromethane	2.684	51	1121989	9.538	ppbv	99
4) Chloromethane	2.822	50	610004	9.749	ppbv	100
5) Vinyl Chloride	2.928	62	620995	10.069	ppbv	97
6) Bromomethane	3.128	94	326521	10.301	ppbv	100
7) Chloroethane	3.205	64	215022	10.102	ppbv	90
8) Dichlorotetrafluoroethane	2.867	85	1373877	9.121	ppbv	98
9) Propene	2.703	41	519112	9.606	ppbv	99
10) Heptane	7.581	43	1282690	10.564	ppbv	100
11) Trichlorofluoromethane	3.568	101	1455475	9.640	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1068922	9.832	ppbv	99
13) Ethanol	3.247	45	34926	7.231	ppbv	89
14) Bromoethene	3.375	108	438805	10.353	ppbv	99
15) Acetone	3.475	43	1101046	9.806	ppbv	100
16) 1,3-Butadiene	2.993	39	605142	10.088	ppbv	99
17) tert-Butyl alcohol	3.880	59	1112351	10.863	ppbv	99
18) 1,1-Dichloroethene	3.886	96	477938	10.277	ppbv	97
19) Isopropyl Alcohol	3.581	45	675688	10.294	ppbv	99
20) Methylene Chloride	3.938	84	402818	9.621	ppbv	97
21) Allyl Chloride	4.002	41	754318	10.244	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	472384	10.159	ppbv	98
23) Vinyl Acetate	4.629	43	974925	11.369	ppbv	99
24) 1,1-Dichloroethane	4.568	63	1014451	10.047	ppbv	99
25) Ethyl Acetate	5.208	43	2341862	10.499	ppbv	100
26) Hexane	5.218	57	970422	10.487	ppbv	100
27) Carbon Disulfide	4.131	76	1148640	10.611	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	609853	10.451	ppbv	99
29) Chloroform	5.279	83	1511516	10.015	ppbv	96
30) Cyclohexane	6.607	84	821031	10.896	ppbv	98
31) cis-1,2-Dichloroethene	5.083	61	937376	10.255	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1493561	10.166	ppbv	99
34) 2-Butanone	4.790	43	1382863	10.746	ppbv	100
35) Carbon Tetrachloride	6.497	117	1557349	10.614	ppbv	99
36) Benzene	6.372	78	2036238	10.476	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1145036	10.525	ppbv	100
38) Trichloroethene	7.291	130	931264	10.458	ppbv	96
39) 1,2-Dichloropropane	7.073	63	795856	10.695	ppbv	97
40) 1,4-Dioxane	7.285	88	336934	11.271	ppbv	98
41) Tetrahydrofuran	5.558	42	820821	11.153	ppbv	99
42) Bromodichloromethane	7.250	83	1656690	10.546	ppbv	96
43) Methyl Methacrylate	7.475	69	808977	11.606	ppbv	97
44) 2,2,4-Trimethylpentane	7.330	57	3444514	10.610	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	825143	12.861	ppbv	98

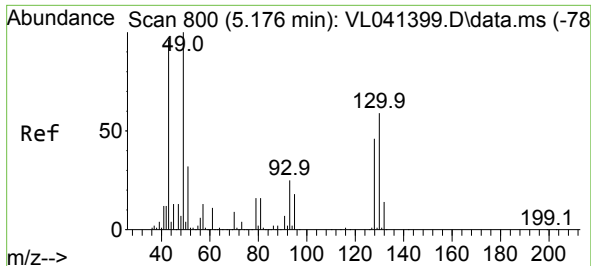
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041529.D
 Acq On : 12 Aug 2024 10:05
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 Sample : VL0812ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 VL0812ABS01

Quant Time: Aug 13 02:11:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.144	75	1114571	12.031	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	863062	10.521	ppbv	98
48) Dibromochloromethane	9.709	129	1432991	10.844	ppbv	99
49) Bromoform	12.407	173	1254551	11.239	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2303506	11.346	ppbv	100
51) 2-Hexanone	9.552	43	1867694	12.166	ppbv #	98
52) Tetrachloroethene	10.616	164	777552	10.353	ppbv	98
53) Toluene	9.221	91	2380203	10.993	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1228899	11.255	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1036341	8.674	ppbv #	57
57) Chlorobenzene	11.526	112	1863270	8.495	ppbv	99
58) Ethyl Benzene	12.089	91	3212582	9.047	ppbv	99
59) m/p-Xylene	12.372	91	3102927	10.123	ppbv #	46
60) o-Xylene	13.057	91	2624879	9.052	ppbv	100
61) Styrene	12.899	104	1281440	9.795	ppbv	99
62) Isopropylbenzene	14.031	105	3800877	8.622	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1617481	8.833	ppbv	100
64) n-propylbenzene	14.915	120	1017816	8.832	ppbv	94
65) tert-Butylbenzene	16.092	119	3434158	8.625	ppbv	100
66) Benzyl Chloride	16.330	91	289599	11.340	ppbv	98
67) sec-Butylbenzene	16.635	105	4831714	8.808	ppbv	100
69) p-Isopropyltoluene	16.995	119	4063282	8.926	ppbv	100
70) n-Butylbenzene	17.886	91	4227497	9.059	ppbv	99
71) 2-Chlorotoluene	14.799	91	2864928	8.813	ppbv	99
72) 4-Ethyltoluene	15.191	105	3146268	9.216	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	2690441	9.148	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	3014700	8.817	ppbv	99
75) 1,3-Dichlorobenzene	16.330	146	1876465	8.730	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1877028	9.019	ppbv	97
77) 1,2-Dichlorobenzene	17.140	146	1824591	8.563	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	660780	3.637	ppbv #	8
79) Naphthalene	21.381	128	3075936	10.192	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	2572995	10.171	ppbv	100
81) 1,2,4-Trichlorobenzene	21.143	180	1625135	9.049	ppbv	100

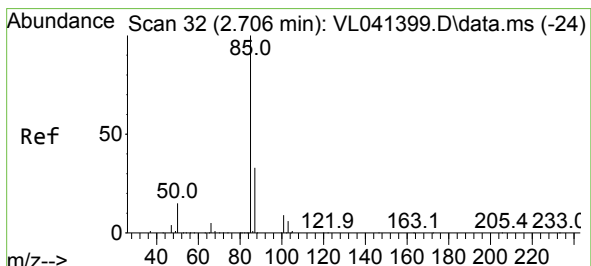
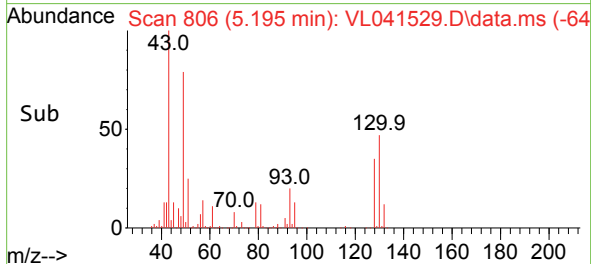
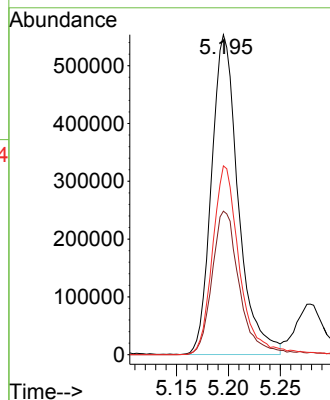
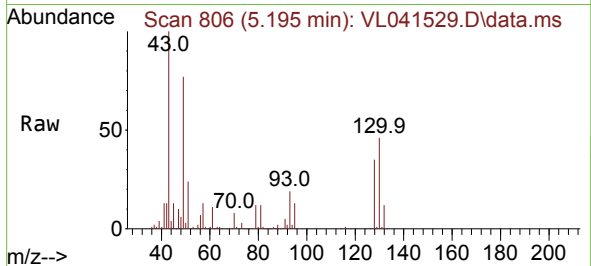
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

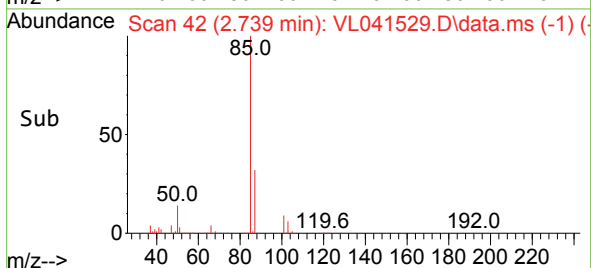
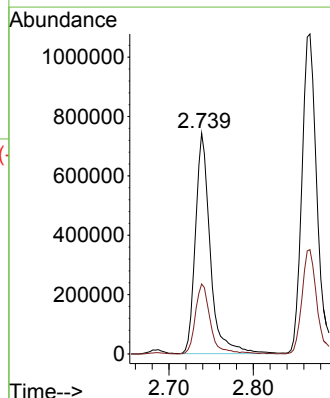
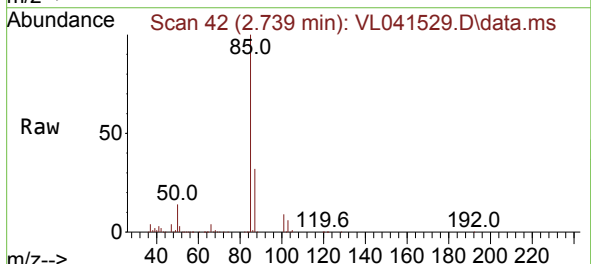
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

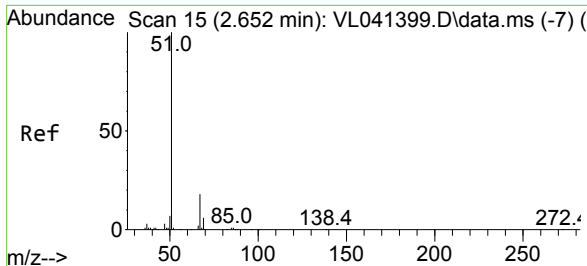
Tgt Ion: 49 Resp: 988193
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 60.2 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 5.325 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 85 Resp: 905343
Ion Ratio Lower Upper
85 100
87 31.7 26.0 39.0

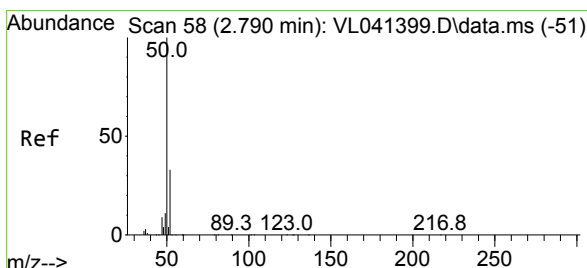
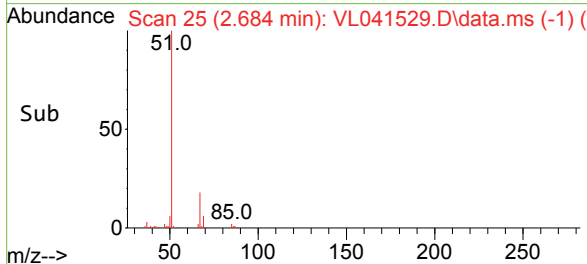
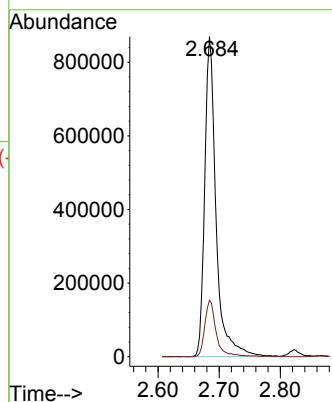
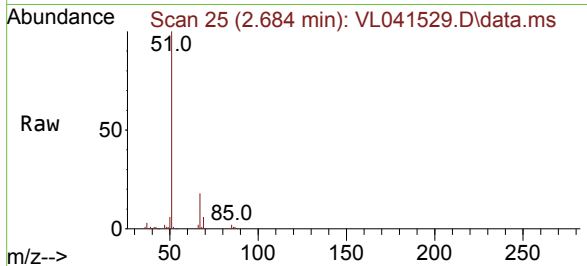




#3
Chlorodifluoromethane
Concen: 9.538 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

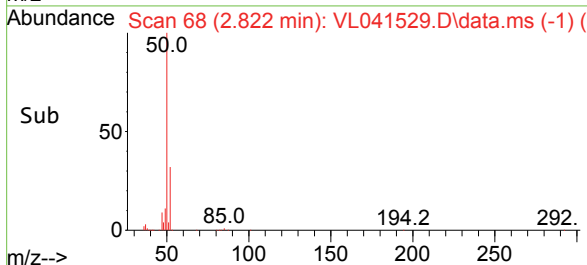
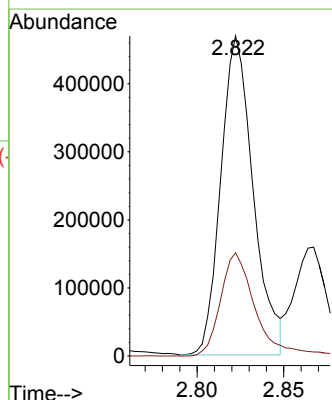
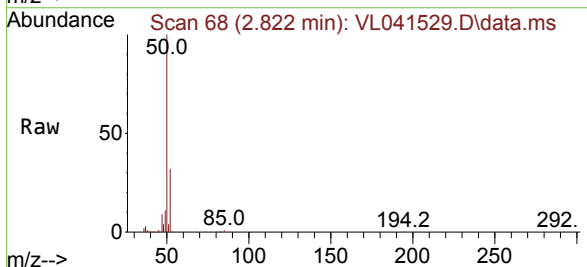
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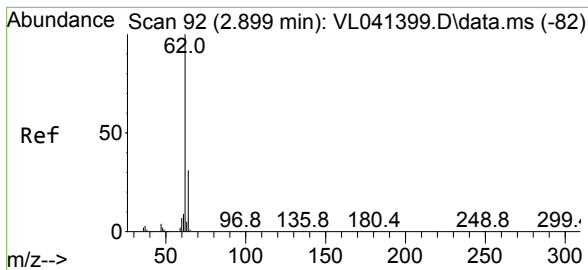
Tgt Ion: 51 Resp: 1121989
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7



#4
Chloromethane
Concen: 9.749 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 50 Resp: 610004
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1

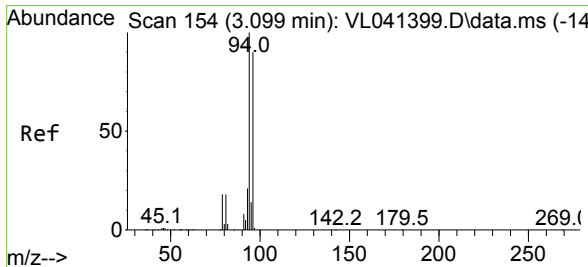
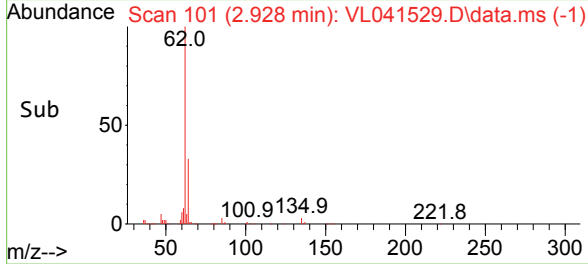
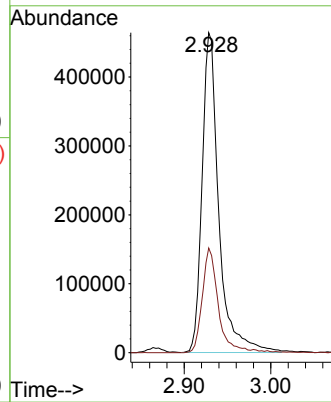
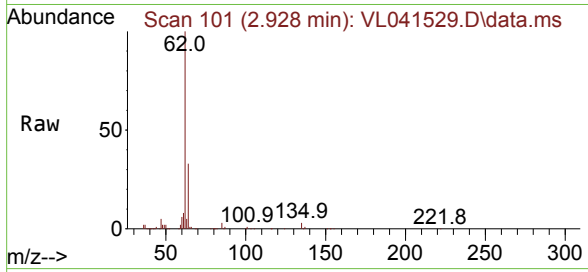




#5
 Vinyl Chloride
 Concen: 10.069 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

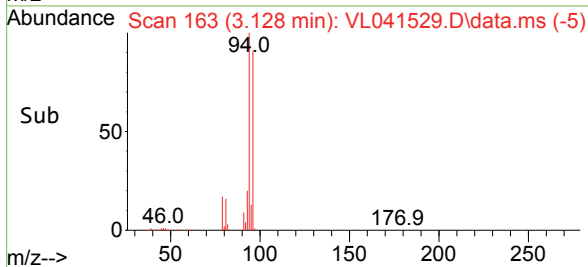
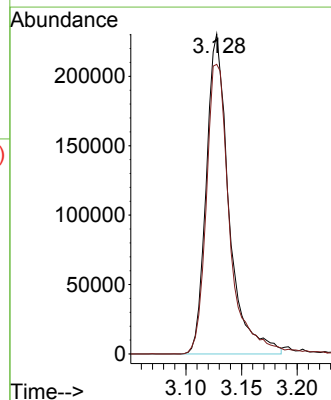
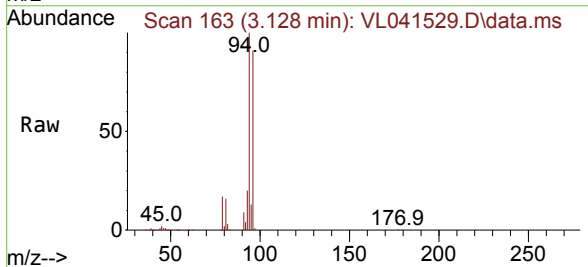
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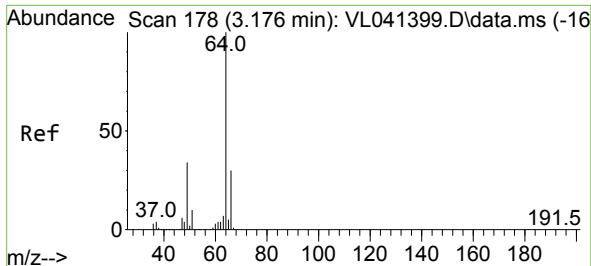
Tgt Ion: 62 Resp: 620995
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.0 37.4



#6
 Bromomethane
 Concen: 10.301 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.007 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

Tgt Ion: 94 Resp: 326521
 Ion Ratio Lower Upper
 94 100
 96 90.5 72.3 108.5

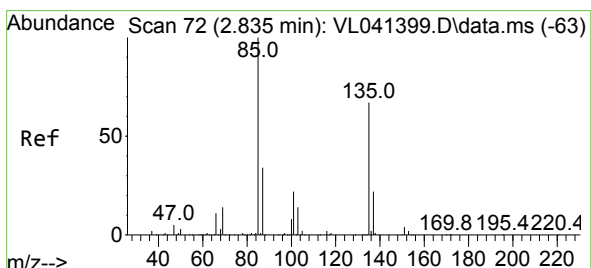
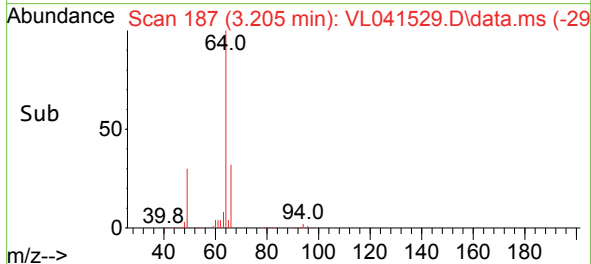
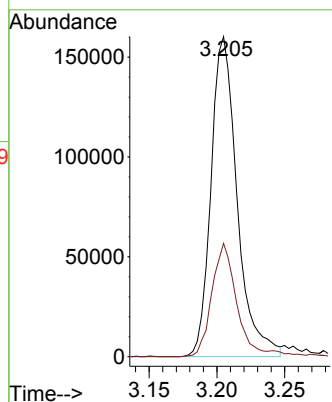
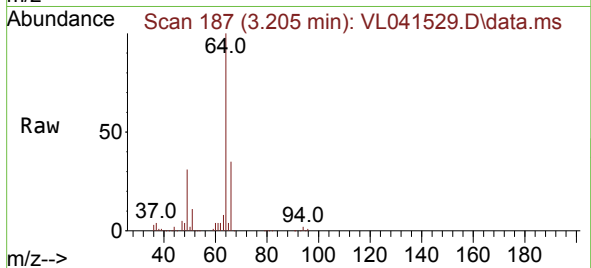




#7
Chloroethane
Concen: 10.102 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

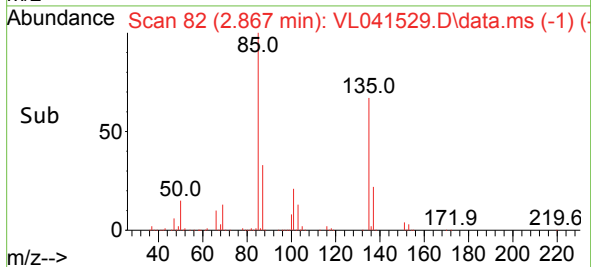
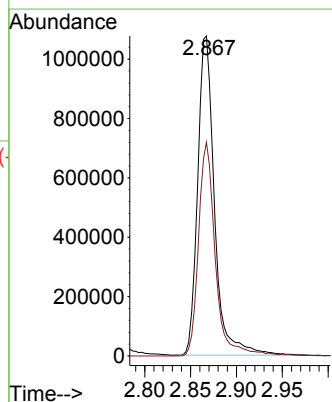
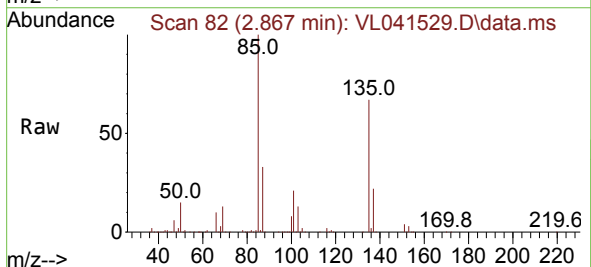
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ClientSampleId :
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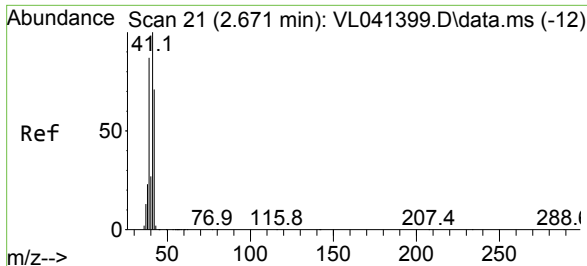
Tgt Ion: 64 Resp: 215022
Ion Ratio Lower Upper
64 100
66 35.4 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.121 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 85 Resp: 1373877
Ion Ratio Lower Upper
85 100
135 67.3 55.4 83.0

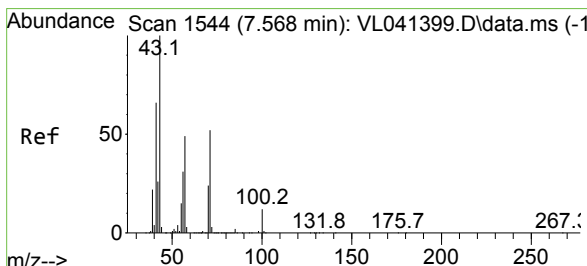
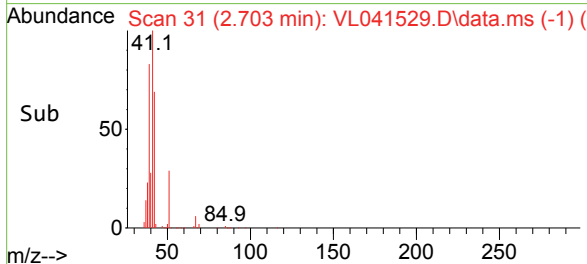
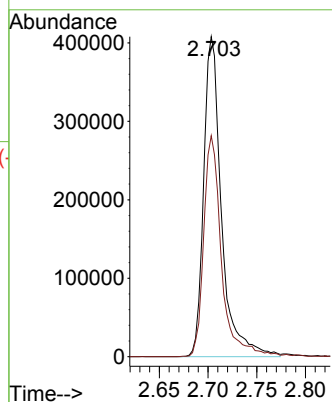
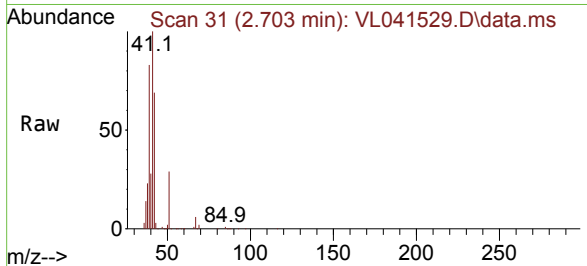




#9
Propene
Concen: 9.606 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

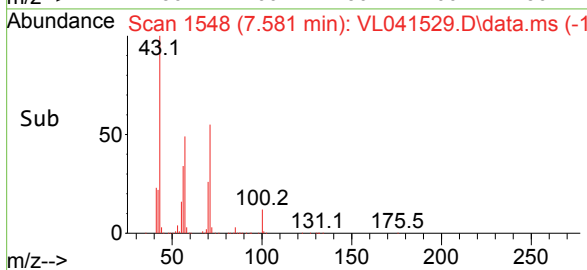
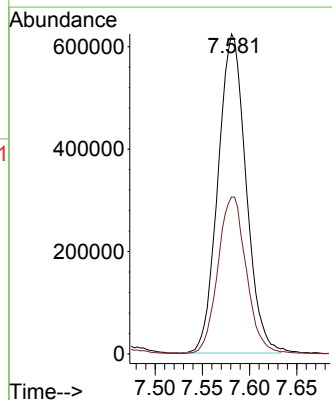
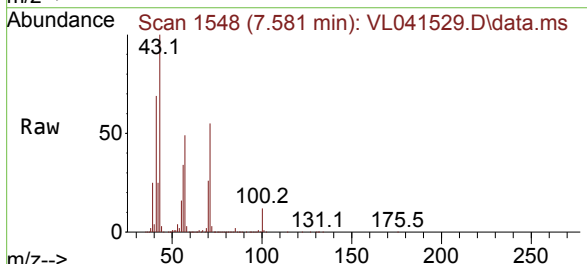
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

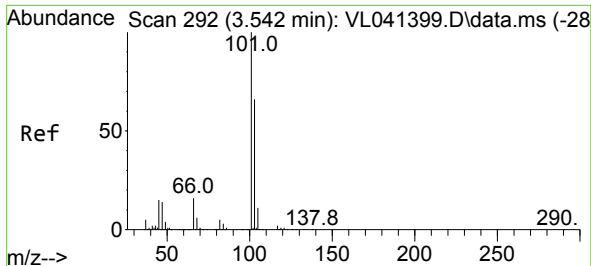
Tgt Ion: 41 Resp: 519112
Ion Ratio Lower Upper
41 100
42 69.5 55.9 83.9



#10
Heptane
Concen: 10.564 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 43 Resp: 1282690
Ion Ratio Lower Upper
43 100
57 50.3 40.5 60.7





#11

Trichlorofluoromethane

Concen: 9.640 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

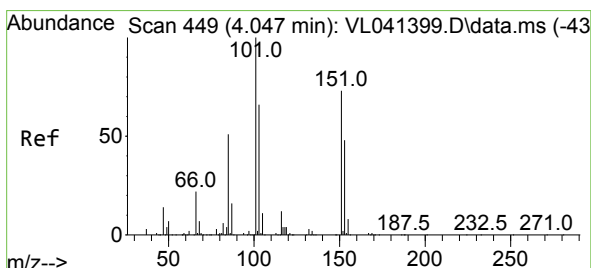
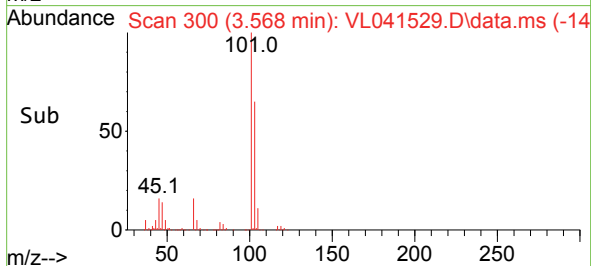
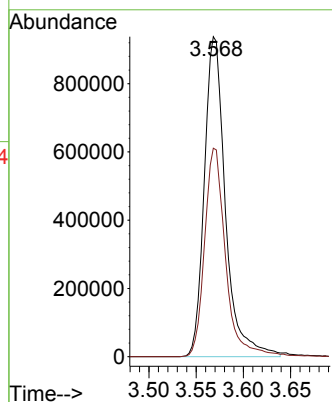
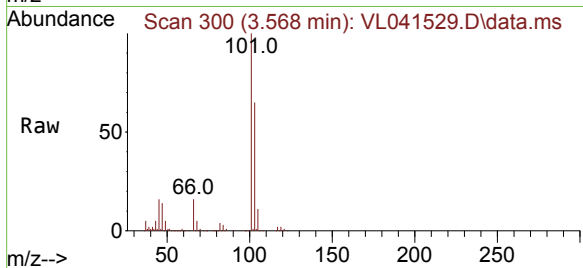
VL0812ABS01

Tgt Ion:101 Resp: 1455475

Ion Ratio Lower Upper

101 100

103 65.1 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.832 ppbv

RT: 4.073 min Scan# 457

Delta R.T. 0.007 min

Lab File: VL041529.D

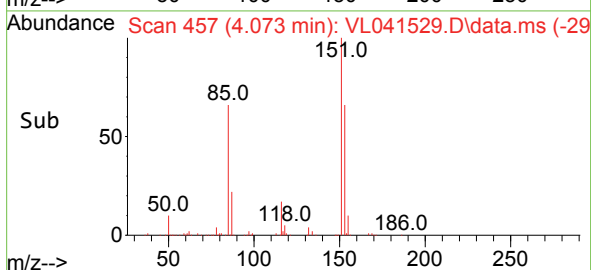
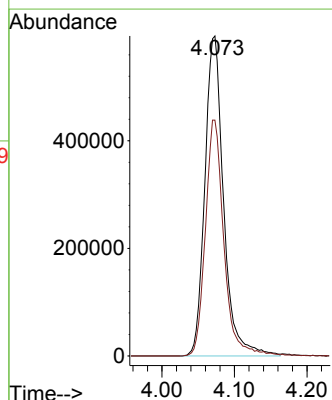
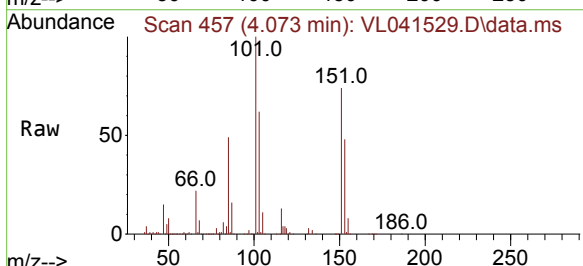
Acq: 12 Aug 2024 10:05

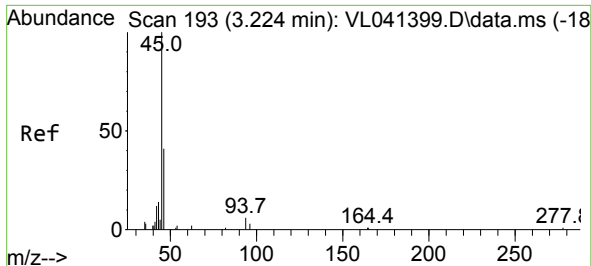
Tgt Ion:101 Resp: 1068922

Ion Ratio Lower Upper

101 100

151 73.1 59.4 89.2

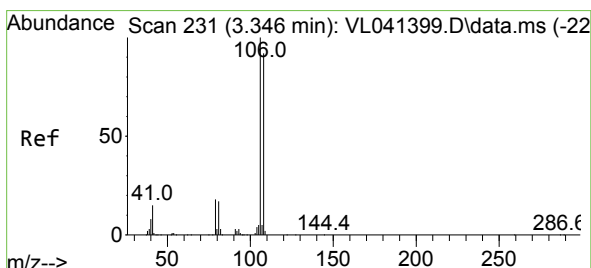
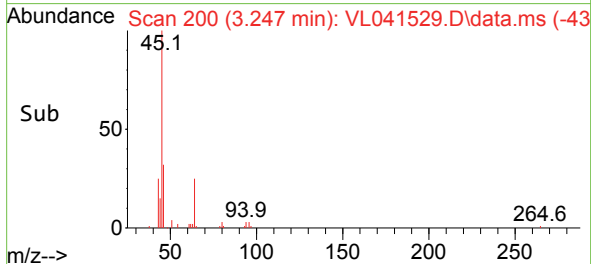
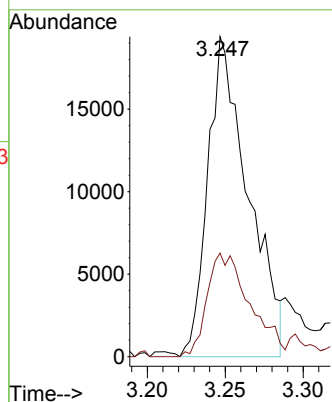
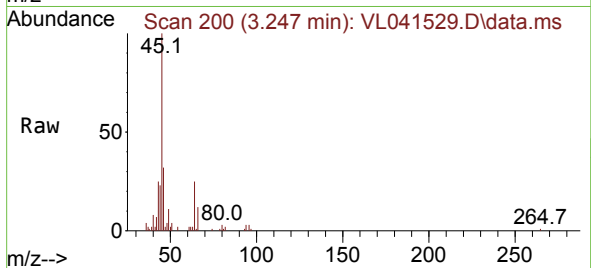




#13
Ethanol
Concen: 7.231 ppbv
RT: 3.247 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

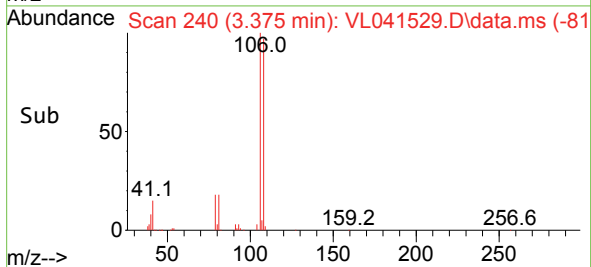
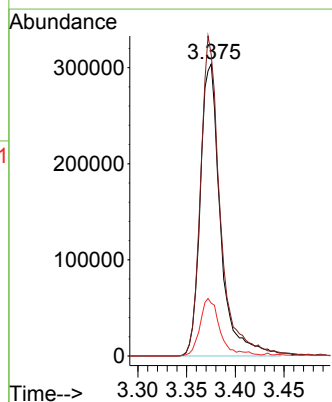
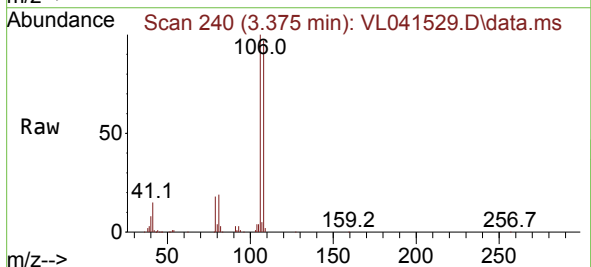
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

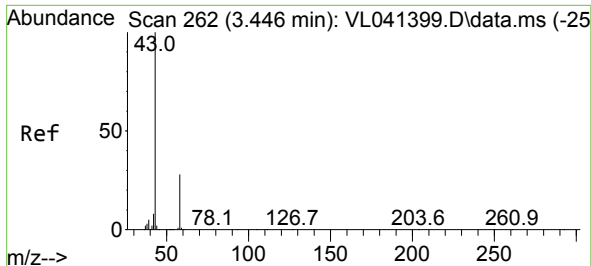
Tgt Ion: 45 Resp: 34926
Ion Ratio Lower Upper
45 100
46 39.4 13.4 53.4



#14
Bromoethene
Concen: 10.353 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 108 Resp: 438805
Ion Ratio Lower Upper
108 100
106 107.6 86.9 130.3
79 20.0 16.2 24.4





#15

Acetone

Concen: 9.806 ppbv

RT: 3.475 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

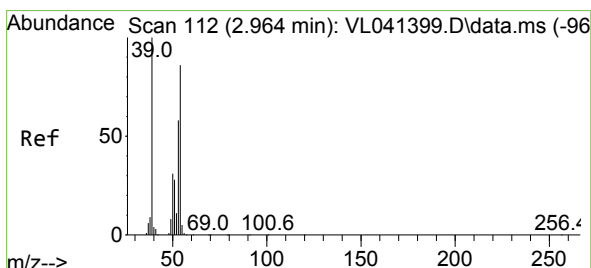
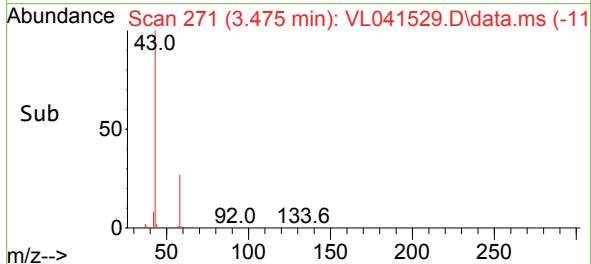
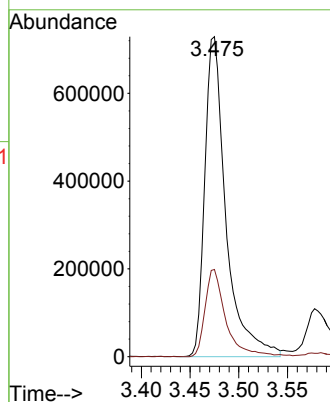
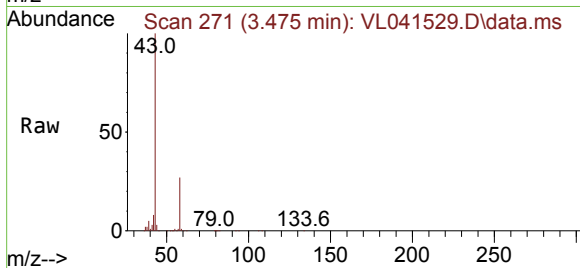
VL0812ABS01

Tgt Ion: 43 Resp: 1101046

Ion Ratio Lower Upper

43 100

58 27.0 21.4 32.2



#16

1,3-Butadiene

Concen: 10.088 ppbv

RT: 2.993 min Scan# 121

Delta R.T. 0.007 min

Lab File: VL041529.D

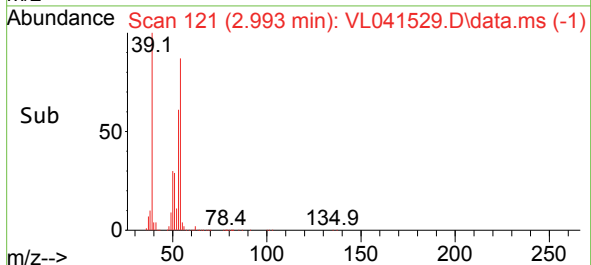
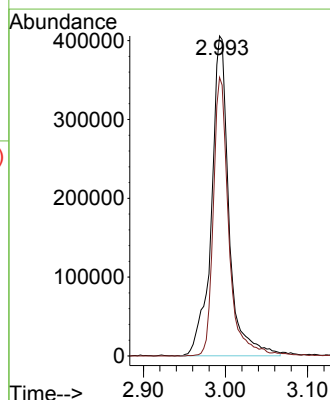
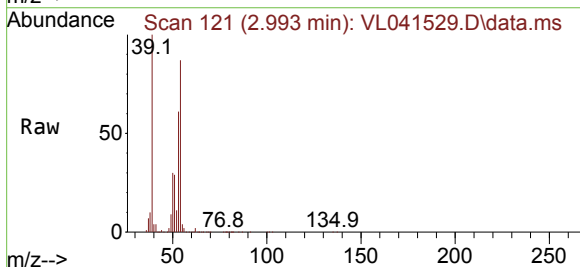
Acq: 12 Aug 2024 10:05

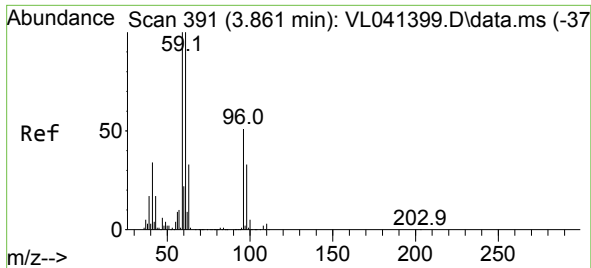
Tgt Ion: 39 Resp: 605142

Ion Ratio Lower Upper

39 100

54 77.3 62.5 93.7

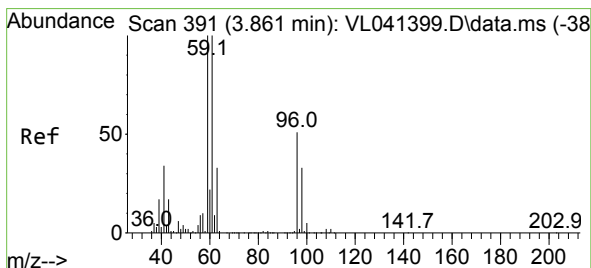
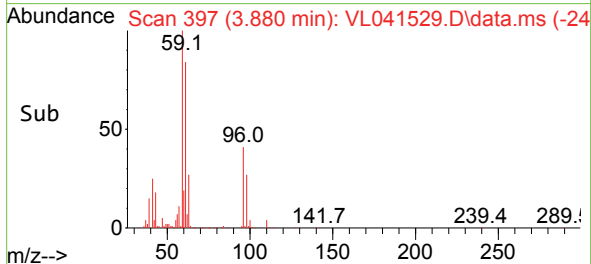
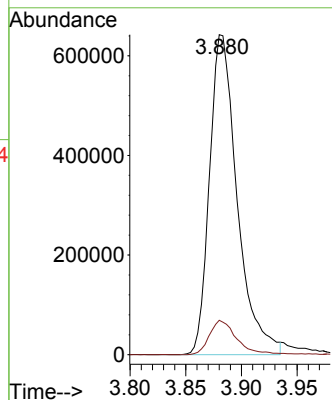
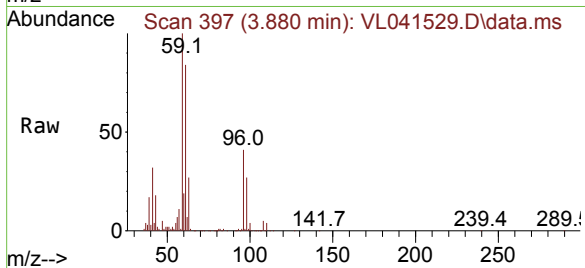




#17
tert-Butyl alcohol
Concen: 10.863 ppbv
RT: 3.880 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

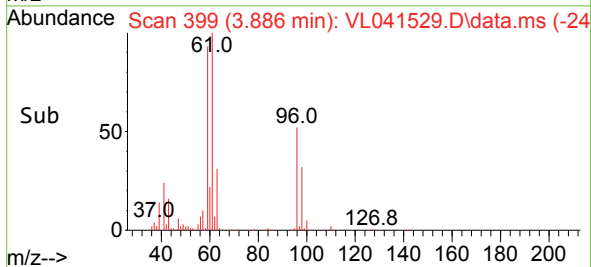
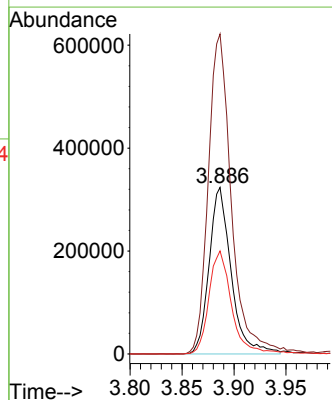
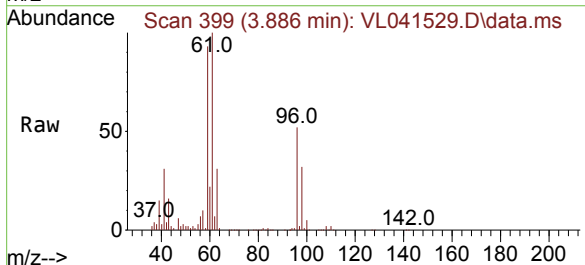
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

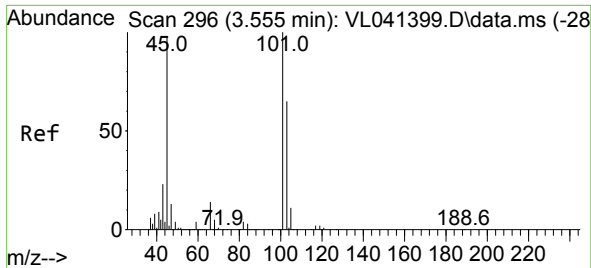
Tgt Ion: 59 Resp: 1112351
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#18
1,1-Dichloroethene
Concen: 10.277 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 96 Resp: 477938
Ion Ratio Lower Upper
96 100
61 192.1 157.5 236.3
98 61.9 51.2 76.8





#19

Isopropyl Alcohol

Concen: 10.294 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

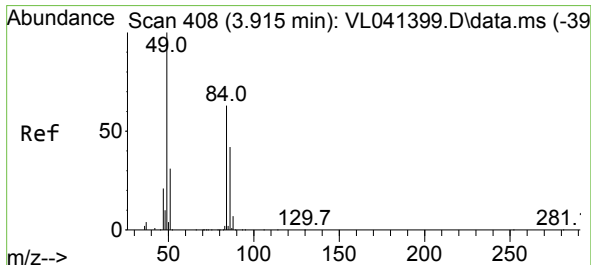
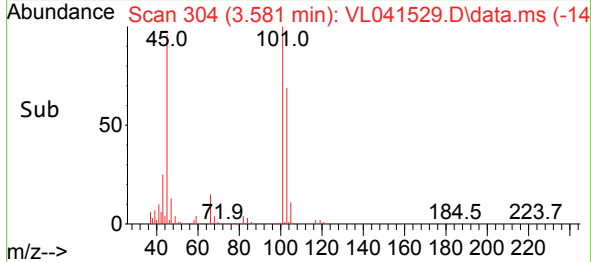
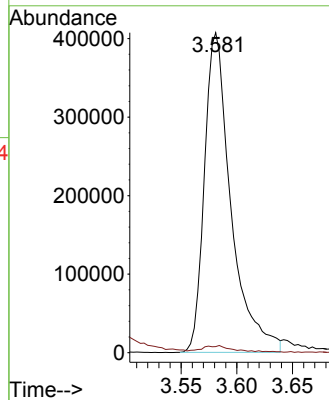
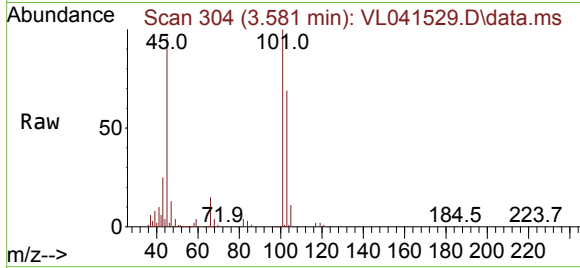
VL0812ABS01

Tgt Ion: 45 Resp: 675688

Ion Ratio Lower Upper

45 100

58 2.6 1.9 2.9



#20

Methylene Chloride

Concen: 9.621 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Tgt Ion: 84 Resp: 402818

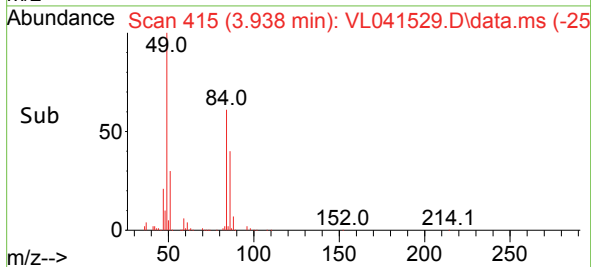
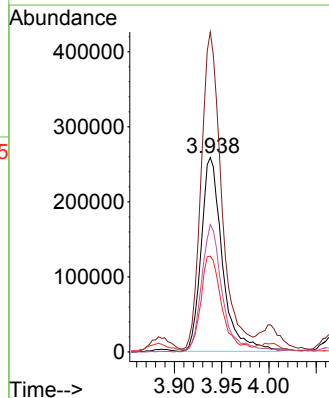
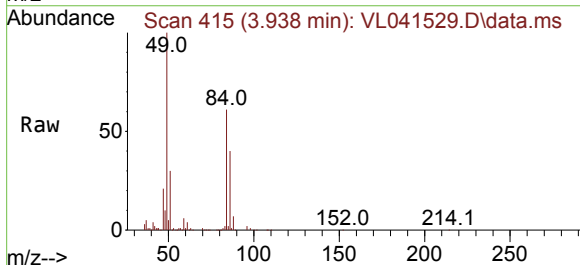
Ion Ratio Lower Upper

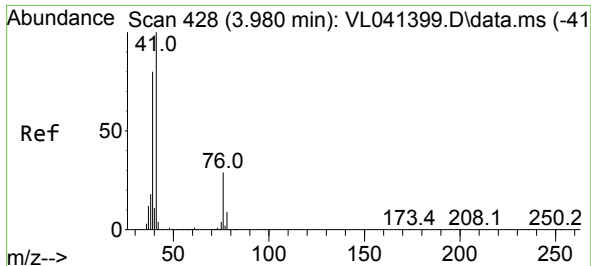
84 100

49 163.6 126.6 190.0

51 48.2 38.6 58.0

86 65.7 53.0 79.4

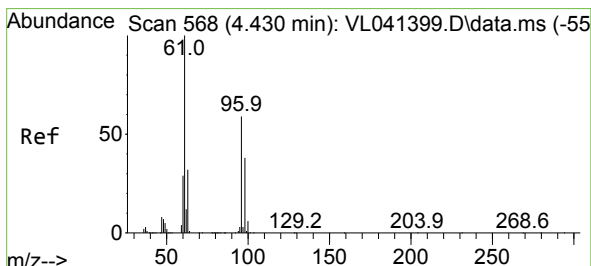
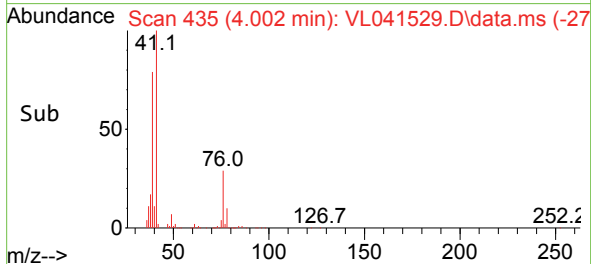
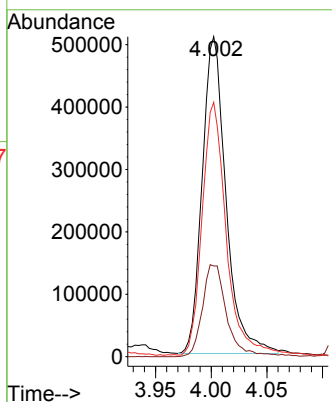
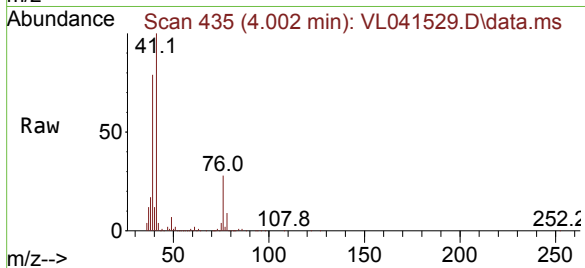




#21
 Allyl Chloride
 Concen: 10.244 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

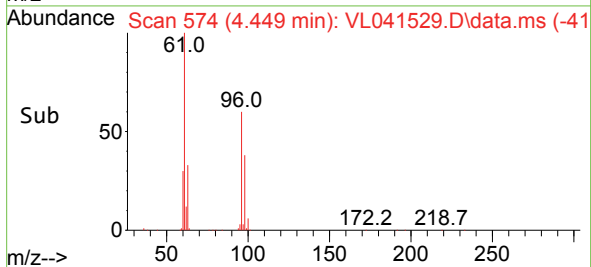
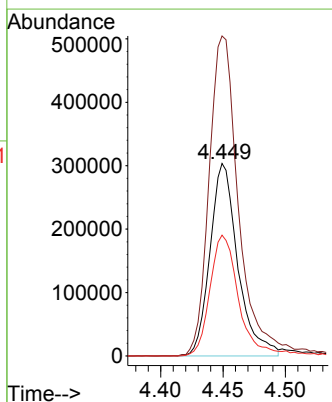
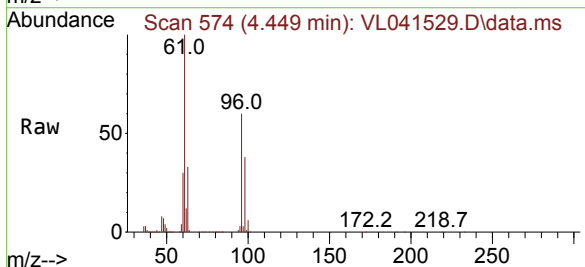
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABS01

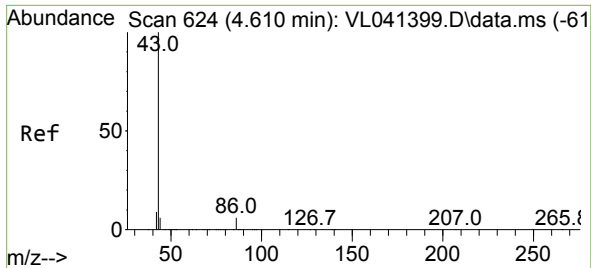
Tgt Ion: 41 Resp: 754318
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.7 35.5
 39 81.8 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.159 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.007 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

Tgt Ion: 96 Resp: 472384
 Ion Ratio Lower Upper
 96 100
 61 166.1 135.4 203.2
 98 62.8 51.0 76.4



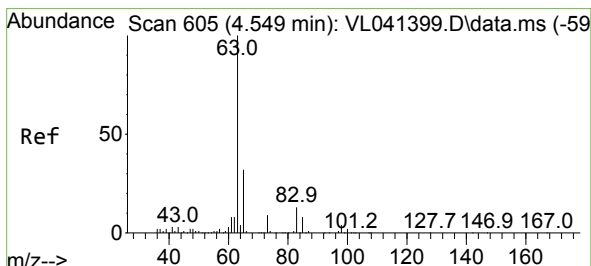
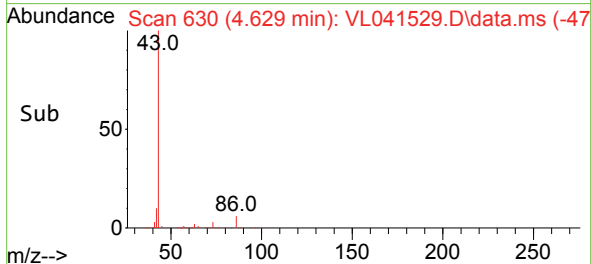
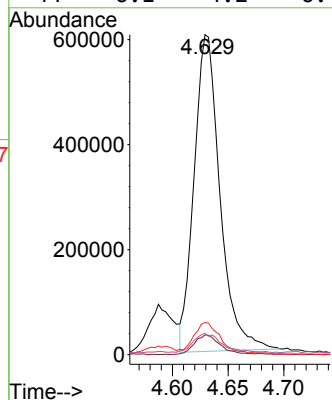
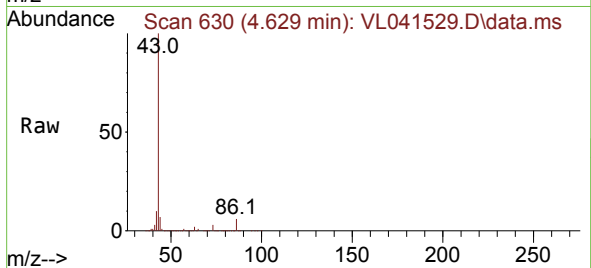


#23
 Vinyl Acetate
 Concen: 11.369 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABS01

Tgt Ion: 43 Resp: 974925

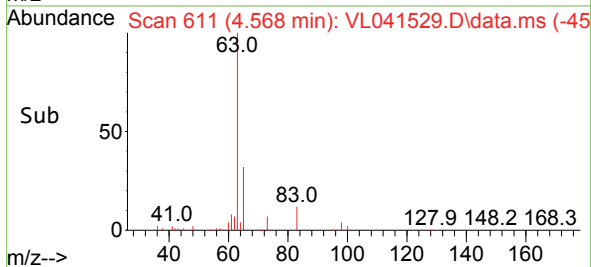
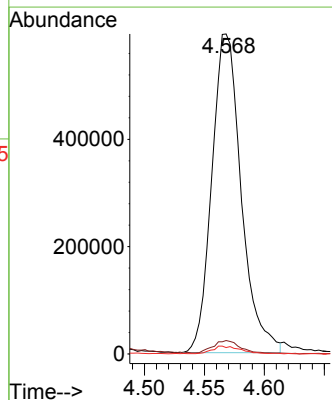
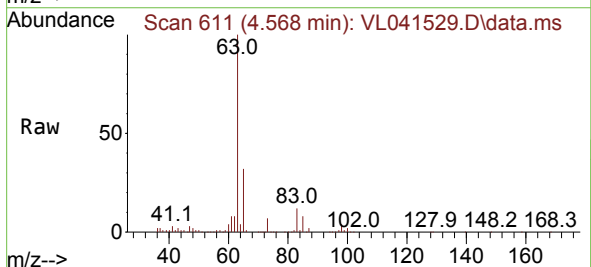
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.6	6.8
42	9.9	7.9	11.9
44	6.1	4.2	6.4

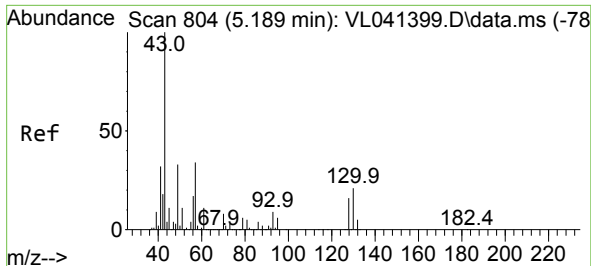


#24
 1,1-Dichloroethane
 Concen: 10.047 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

Tgt Ion: 63 Resp: 1014451

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	1.9	1.2	3.6



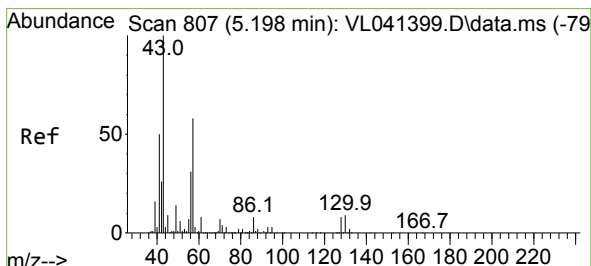
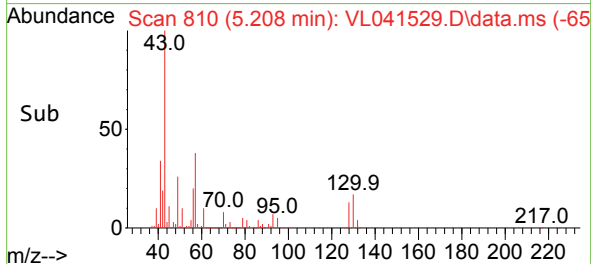
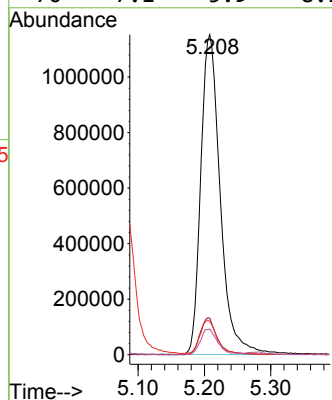
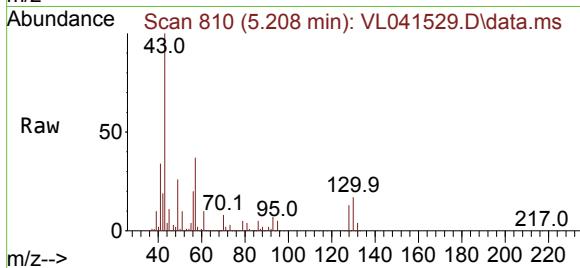


#25
Ethyl Acetate
Concen: 10.499 ppbv
RT: 5.208 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 43 Resp: 2341862

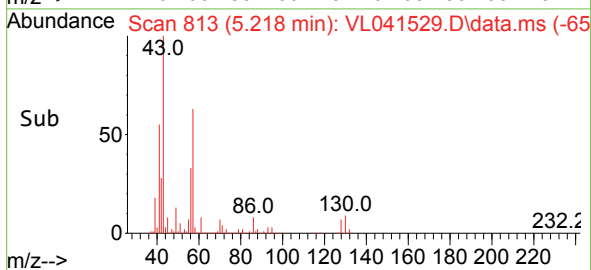
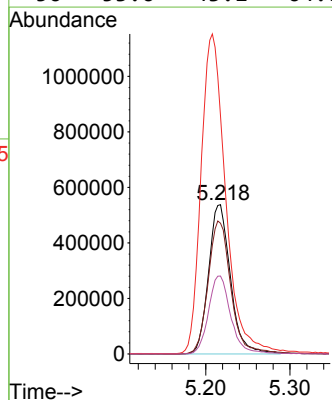
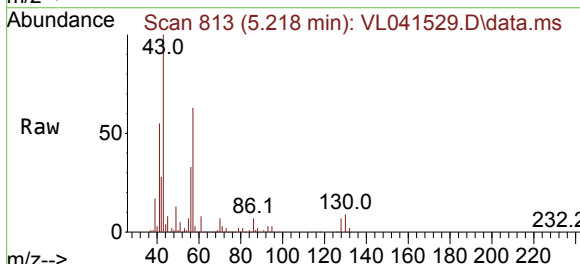
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	9.9	8.0	12.0
70	7.1	5.9	8.9

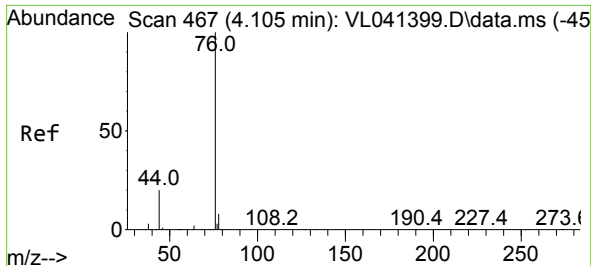


#26
Hexane
Concen: 10.487 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 57 Resp: 970422

Ion	Ratio	Lower	Upper
57	100		
41	93.4	74.0	111.0
43	242.0	193.6	290.4
56	53.6	43.1	64.7





#27

Carbon Disulfide

Concen: 10.611 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

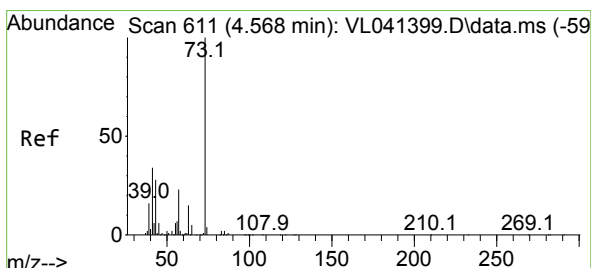
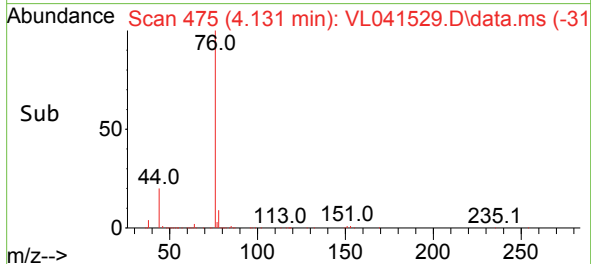
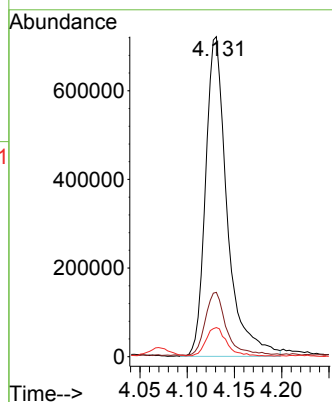
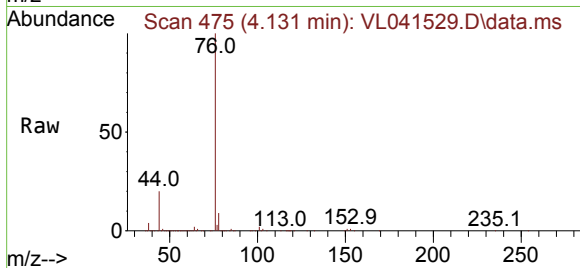
MSVOA_L

ClientSampleId :

VL0812ABS01

Tgt Ion: 76 Resp: 1148640

Ion	Ratio	Lower	Upper
76	100		
44	20.0	15.6	23.4
78	9.2	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 10.451 ppbv

RT: 4.591 min Scan# 618

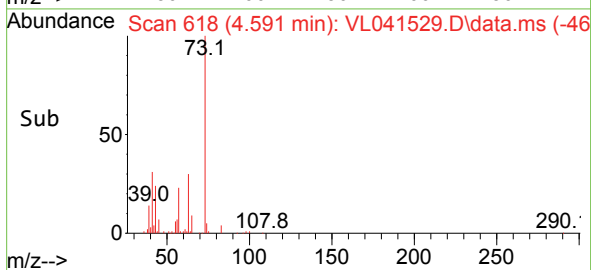
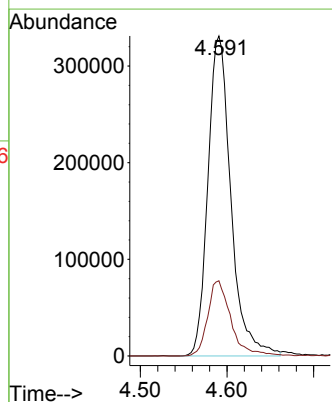
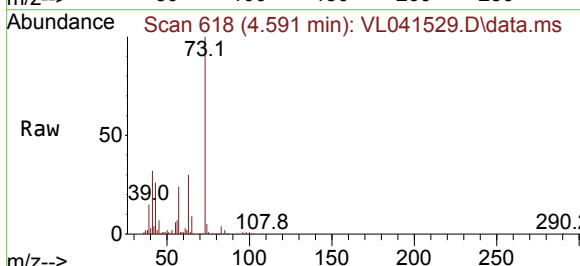
Delta R.T. 0.007 min

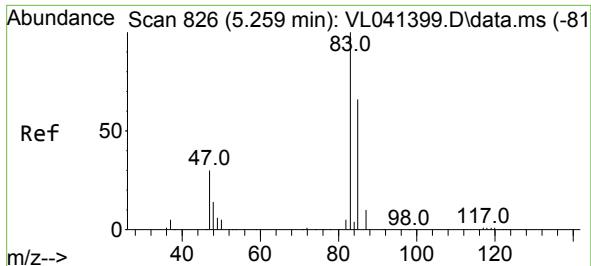
Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Tgt Ion: 73 Resp: 609853

Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.9	28.3

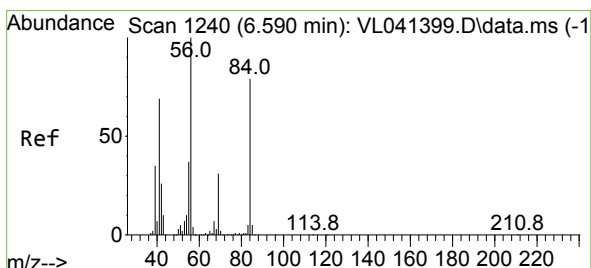
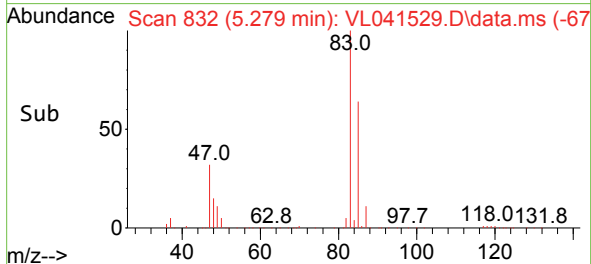
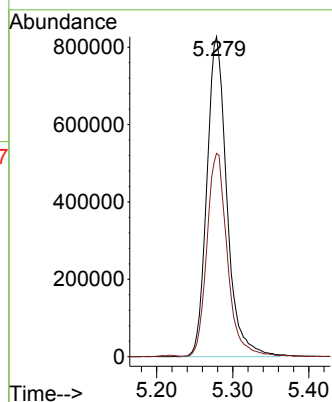
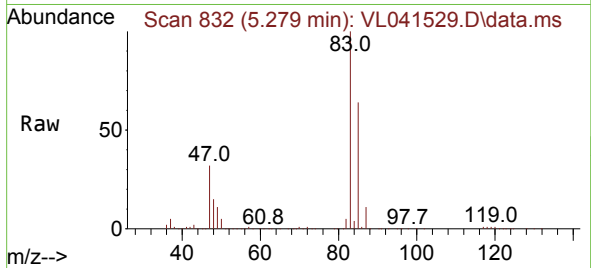




#29
Chloroform
Concen: 10.015 ppbv
RT: 5.279 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

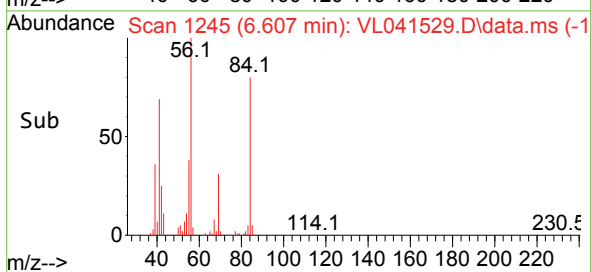
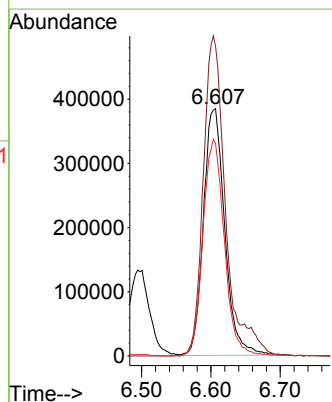
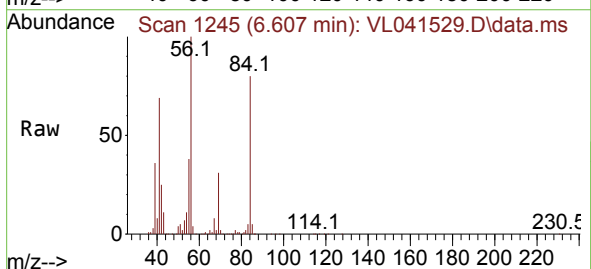
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

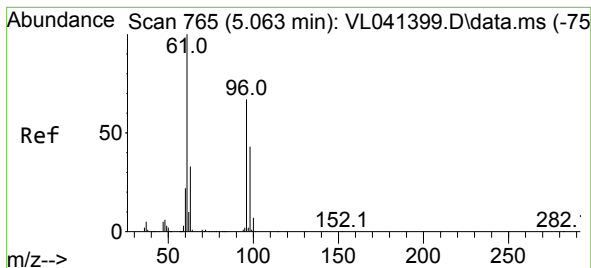
Tgt Ion: 83 Resp: 1511516
Ion Ratio Lower Upper
83 100
85 63.4 53.1 79.7



#30
Cyclohexane
Concen: 10.896 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 84 Resp: 821031
Ion Ratio Lower Upper
84 100
56 136.1 111.2 166.8
41 87.7 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 10.255 ppbv

RT: 5.083 min Scan# 71

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

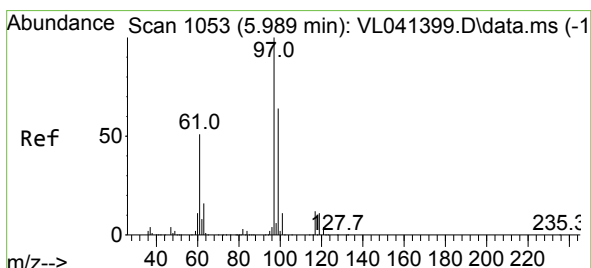
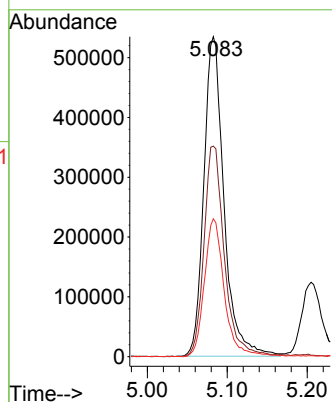
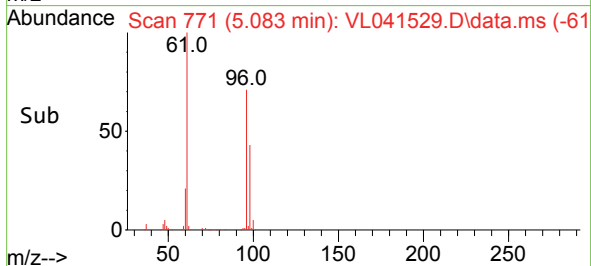
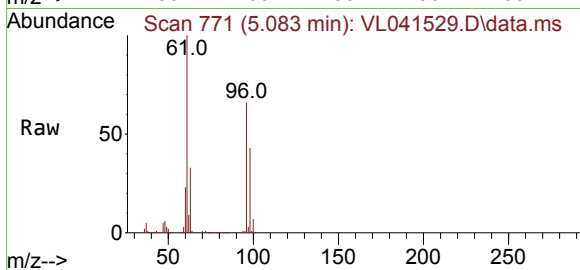
Tgt Ion: 61 Resp: 937376

Ion Ratio Lower Upper

61 100

96 65.8 53.4 80.2

98 43.1 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 10.166 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

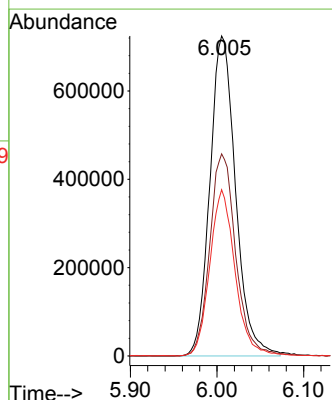
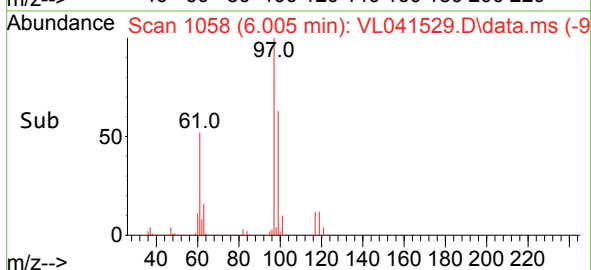
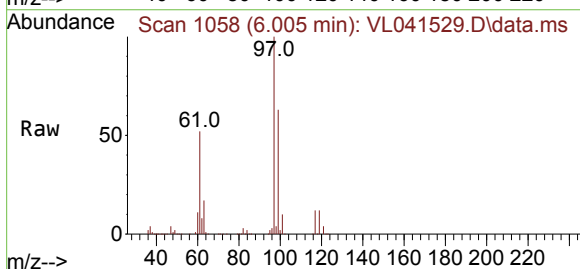
Tgt Ion: 97 Resp: 1493561

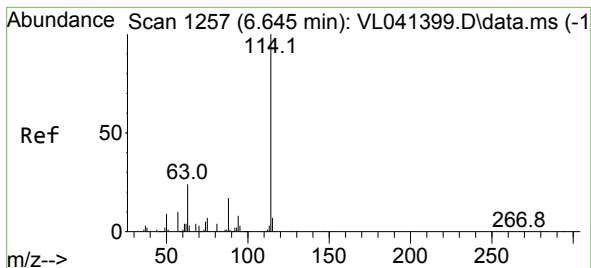
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 51.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

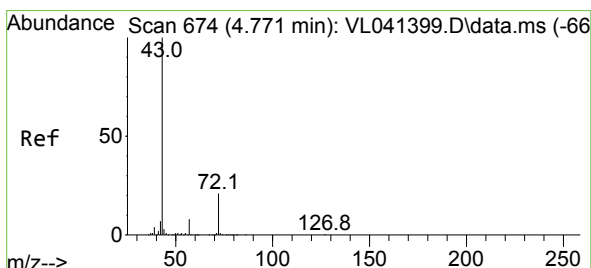
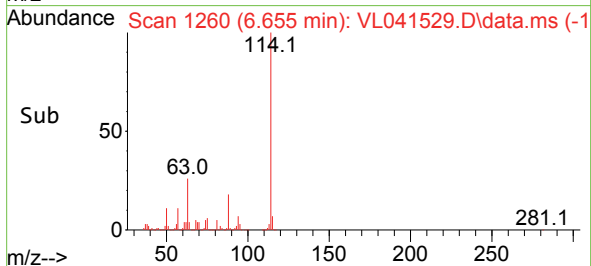
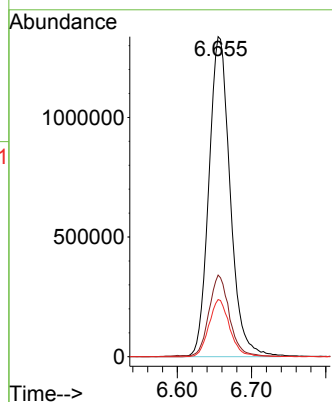
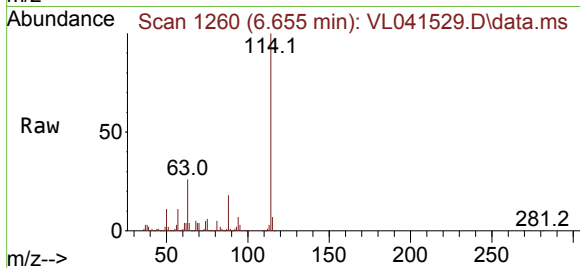
Tgt Ion:114 Resp: 2660153

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.5 14.3 21.5



#34

2-Butanone

Concen: 10.746 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041529.D

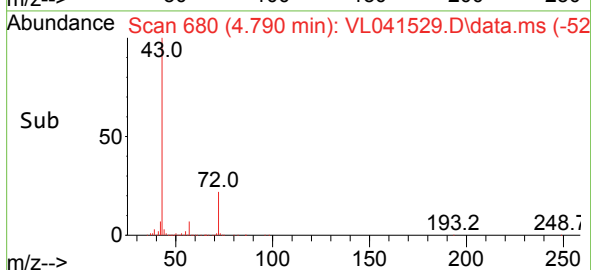
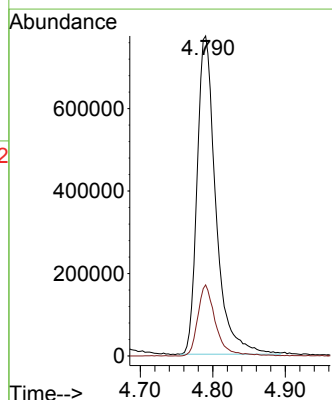
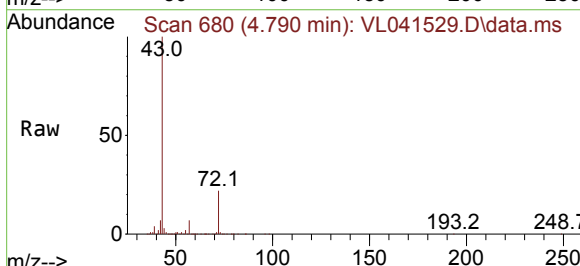
Acq: 12 Aug 2024 10:05

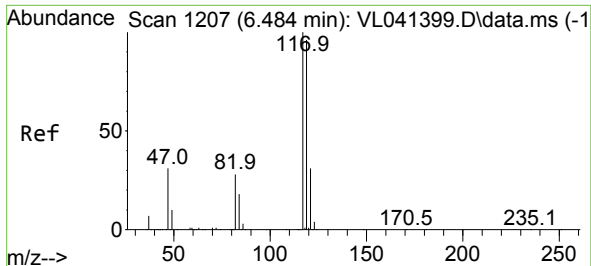
Tgt Ion: 43 Resp: 1382863

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9

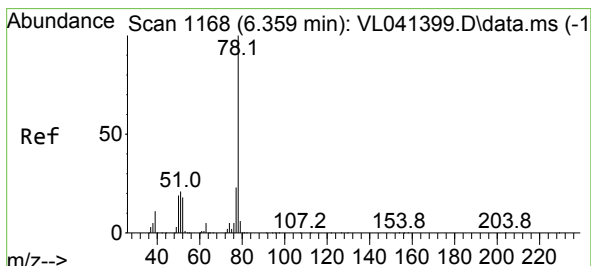
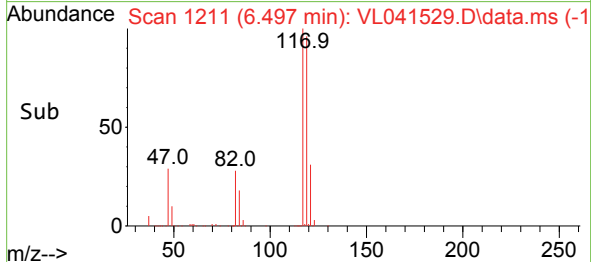
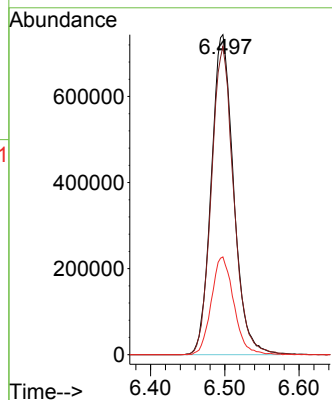
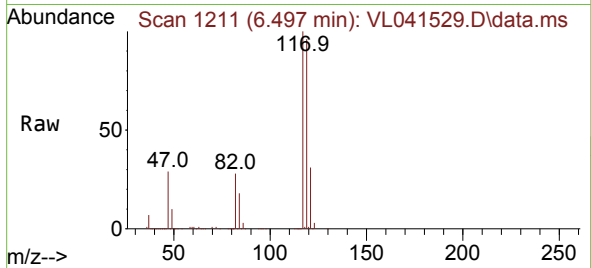




#35
Carbon Tetrachloride
Concen: 10.614 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

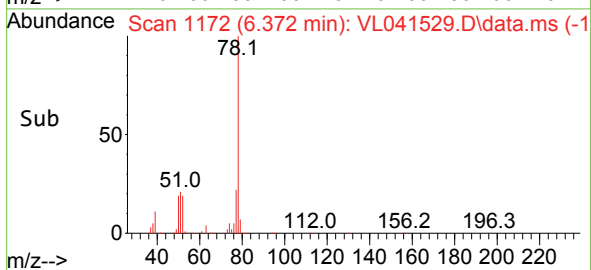
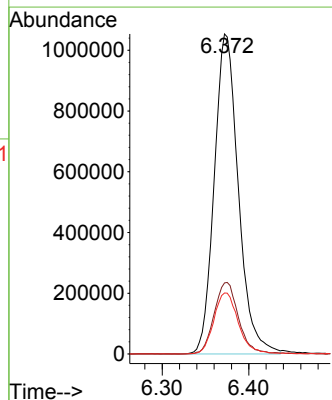
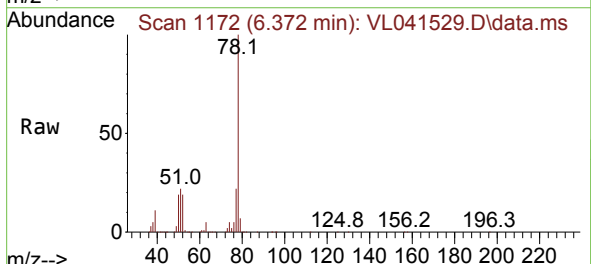
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

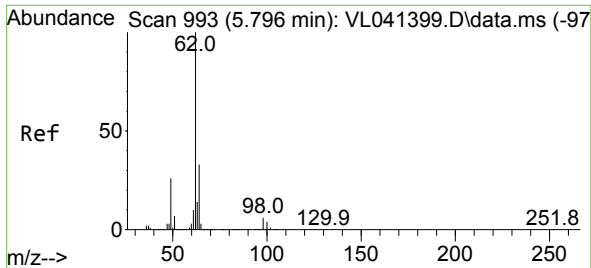
Tgt Ion:117 Resp: 1557349
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0
121 30.5 25.1 37.7



#36
Benzene
Concen: 10.476 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 78 Resp: 2036238
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1
50 19.1 15.5 23.3

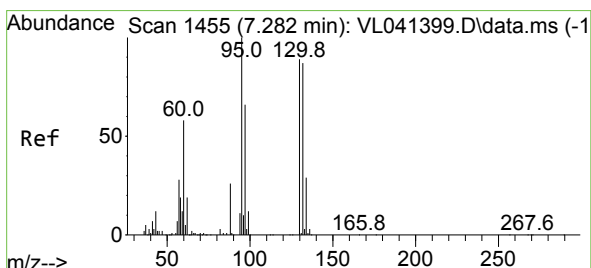
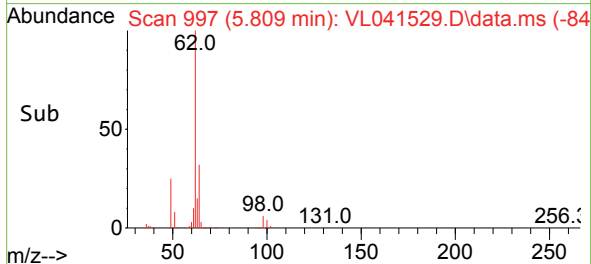
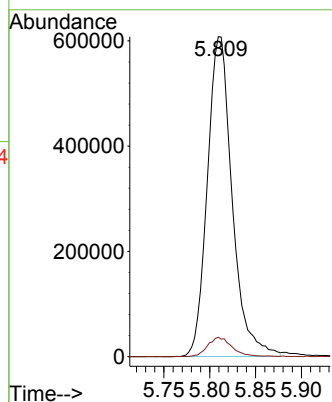
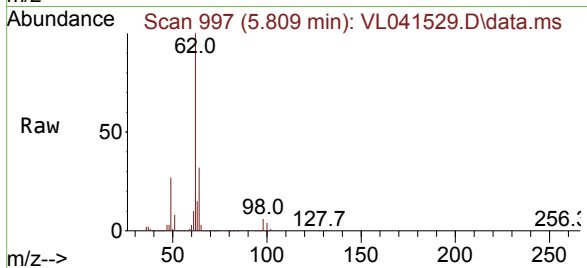




#37
1,2-Dichloroethane
Concen: 10.525 ppbv
RT: 5.809 min Scan# 993
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

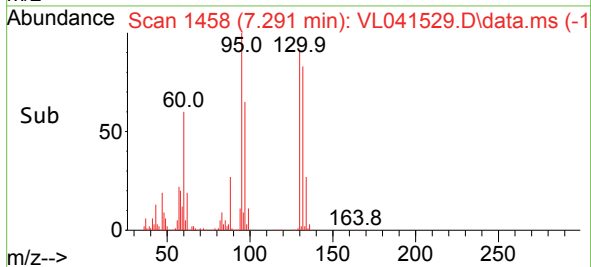
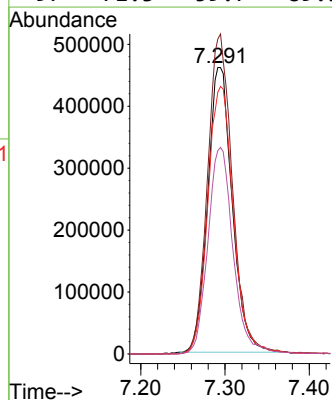
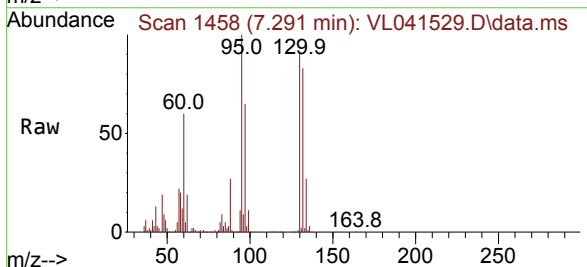
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

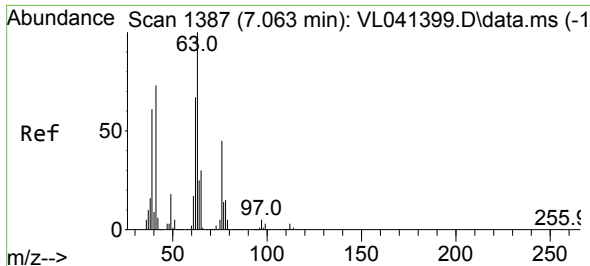
Tgt Ion: 62 Resp: 1145036
Ion Ratio Lower Upper
62 100
98 6.1 5.0 7.4



#38
Trichloroethene
Concen: 10.458 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion:130 Resp: 931264
Ion Ratio Lower Upper
130 100
95 110.4 90.2 135.2
132 91.8 78.1 117.1
97 71.3 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.695 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

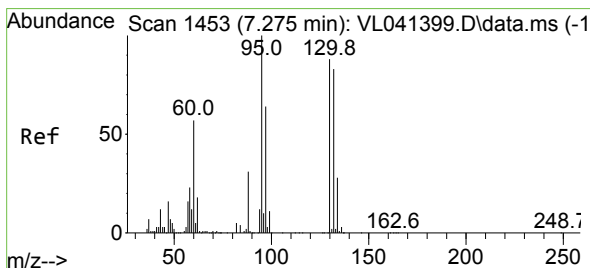
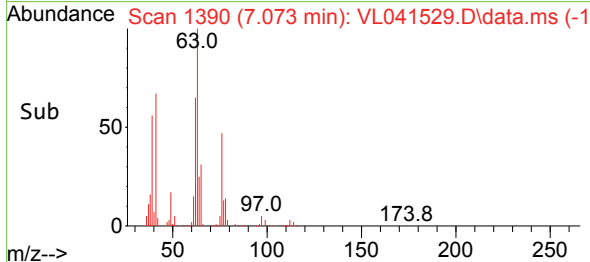
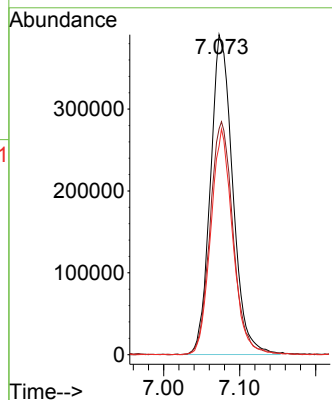
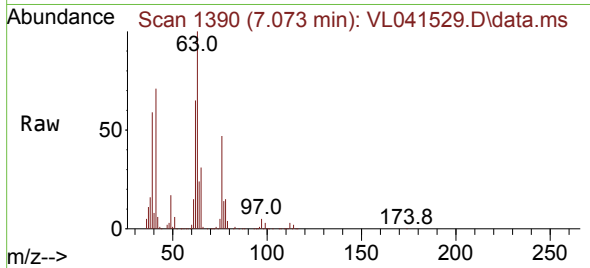
Tgt Ion: 63 Resp: 795856

Ion Ratio Lower Upper

63 100

41 70.5 58.3 87.5

62 65.2 53.9 80.9



#40

1,4-Dioxane

Concen: 11.271 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Tgt Ion: 88 Resp: 336934

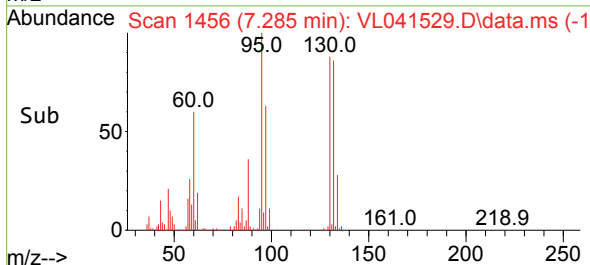
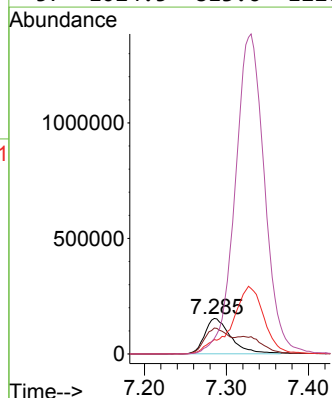
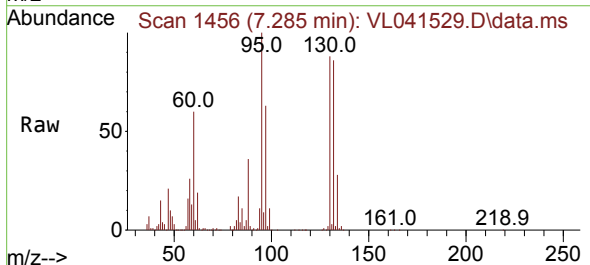
Ion Ratio Lower Upper

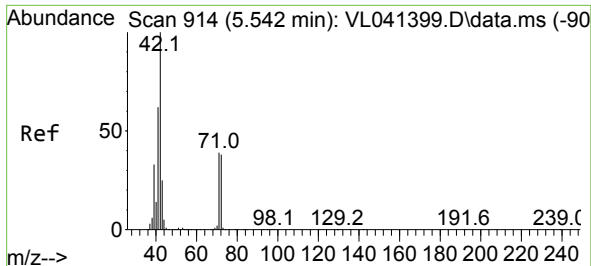
88 100

58 120.0 95.8 143.6

43 238.3 188.2 282.2

57 1024.5 813.6 1220.4

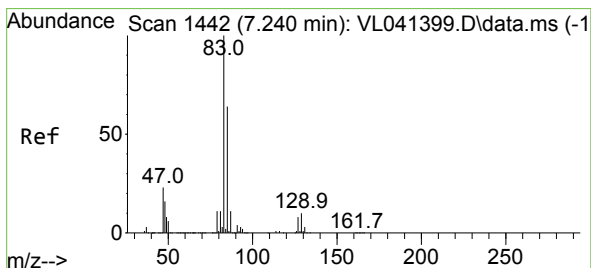
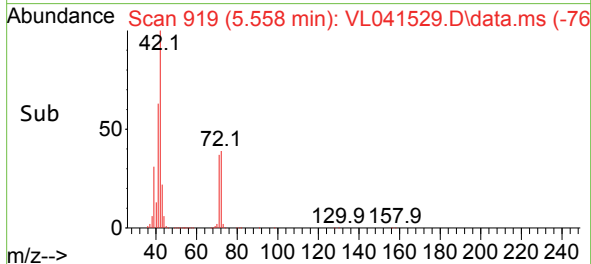
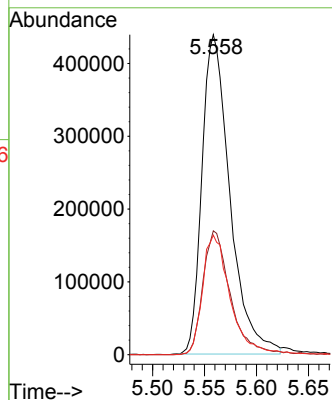
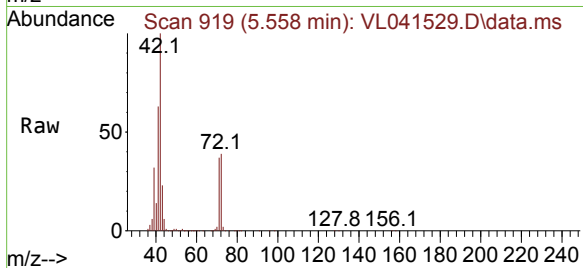




#41
Tetrahydrofuran
Concen: 11.153 ppbv
RT: 5.558 min Scan# 914
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

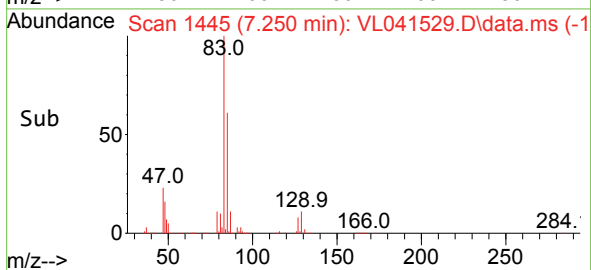
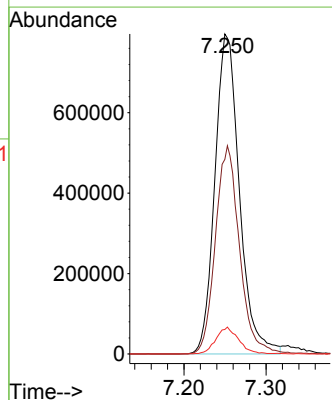
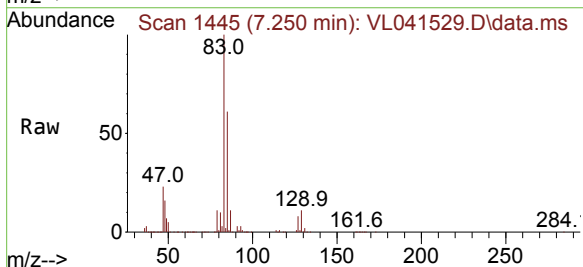
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

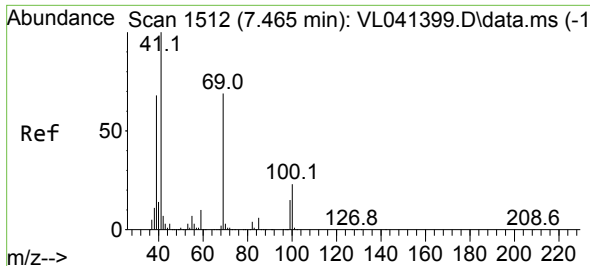
Tgt Ion: 42 Resp: 820821
Ion Ratio Lower Upper
42 100
72 38.6 31.2 46.8
71 37.4 30.5 45.7



#42
Bromodichloromethane
Concen: 10.546 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 83 Resp: 1656690
Ion Ratio Lower Upper
83 100
85 60.8 51.4 77.0
127 7.7 6.7 10.1

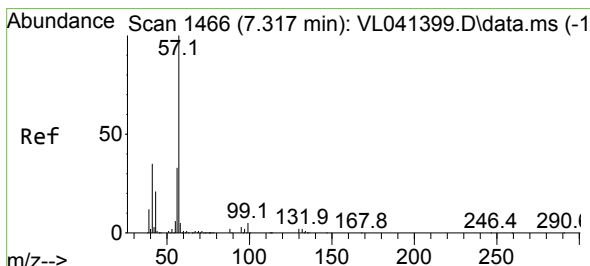
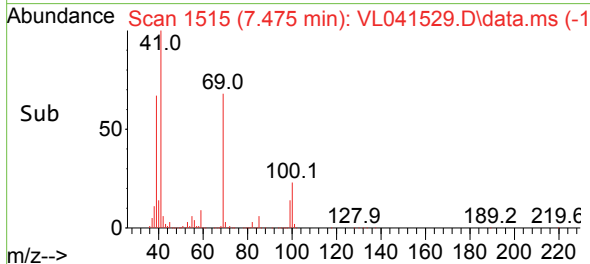
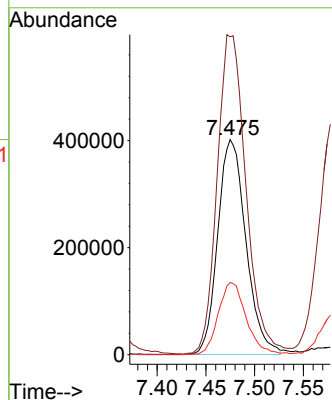
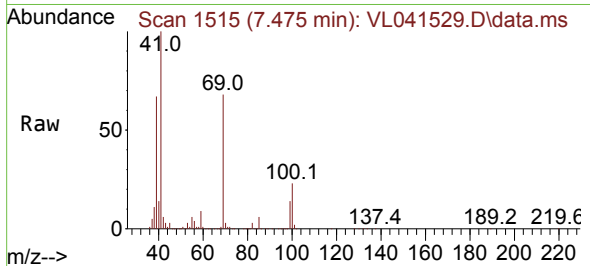




#43
Methyl Methacrylate
Concen: 11.606 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

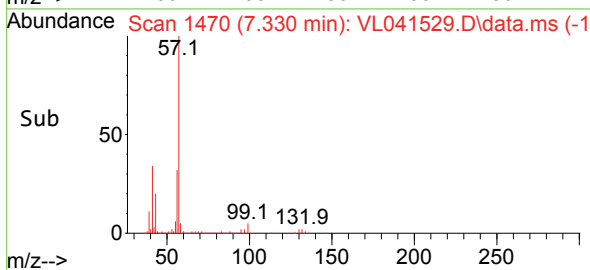
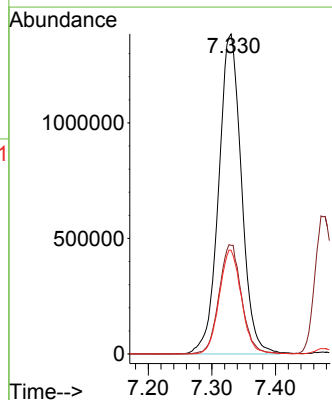
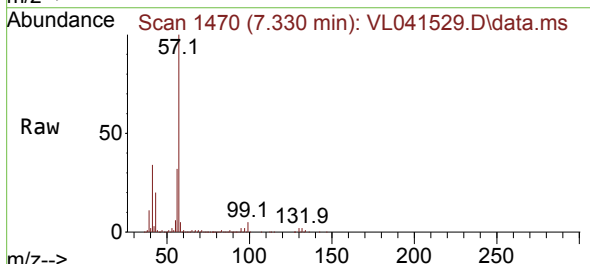
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

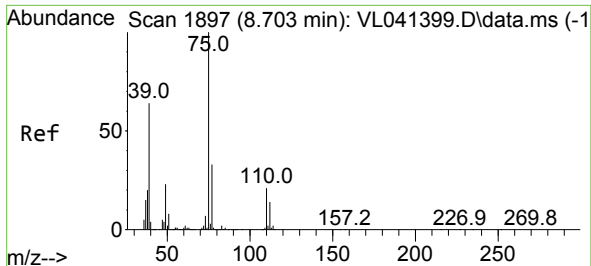
Tgt Ion: 69 Resp: 808977
Ion Ratio Lower Upper
69 100
41 152.2 118.7 178.1
100 33.4 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.610 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 57 Resp: 3444514
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.6 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 12.861 ppbv

RT: 8.713 min Scan# 1897

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

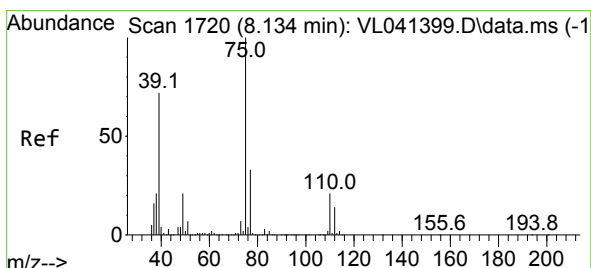
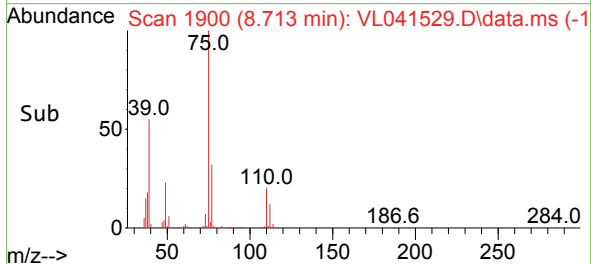
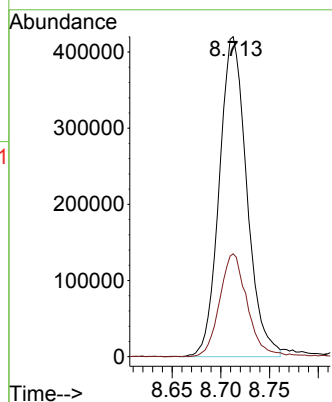
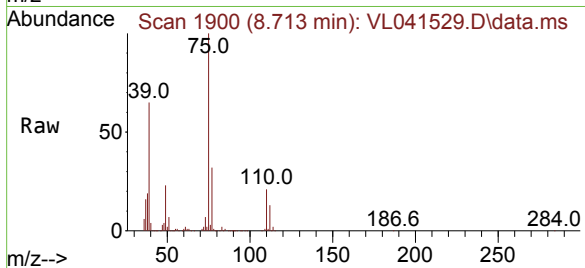
VL0812ABS01

Tgt Ion: 75 Resp: 825143

Ion Ratio Lower Upper

75 100

77 32.2 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 12.031 ppbv

RT: 8.144 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

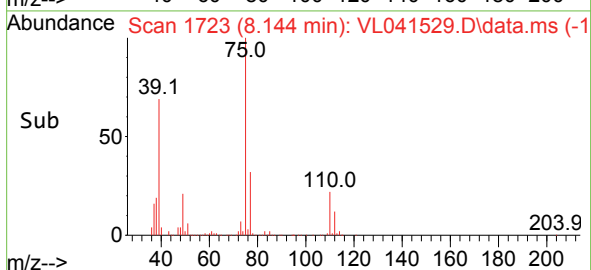
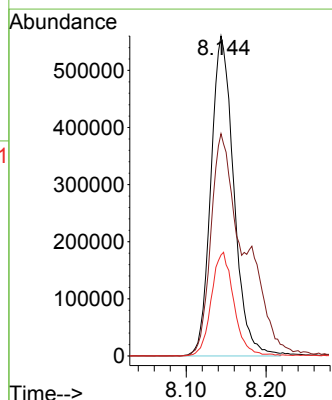
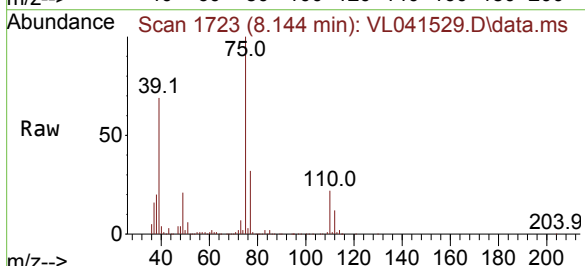
Tgt Ion: 75 Resp: 1114571

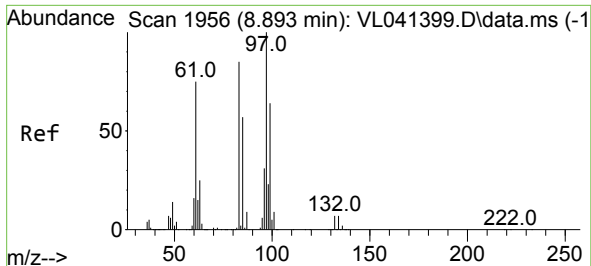
Ion Ratio Lower Upper

75 100

39 69.4 57.3 85.9

77 31.6 26.2 39.2



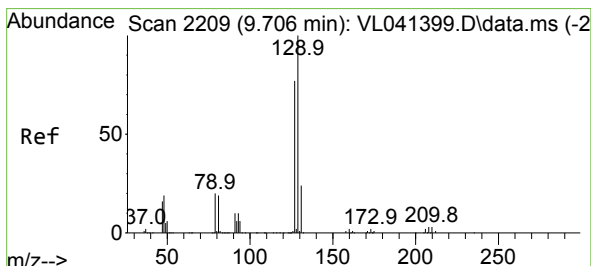
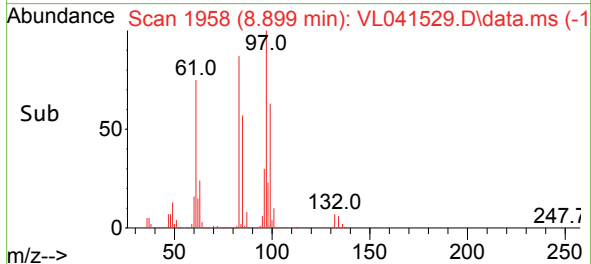
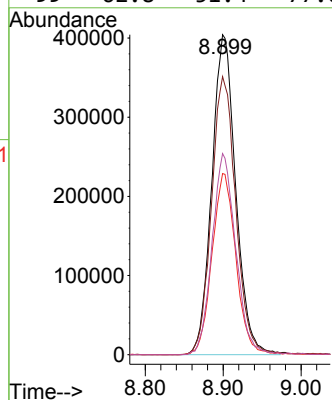
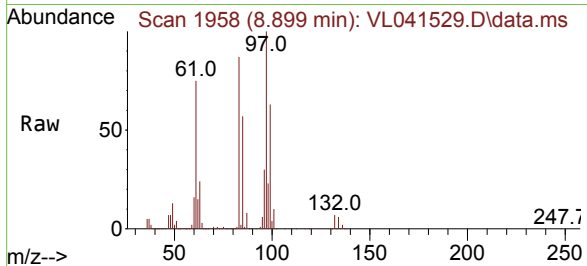


#47
1,1,2-Trichloroethane
Concen: 10.521 ppbv
RT: 8.899 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

Tgt Ion: 97 Resp: 863062

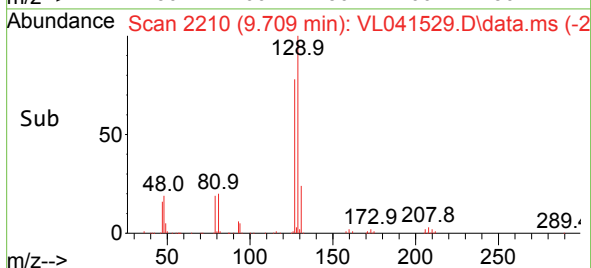
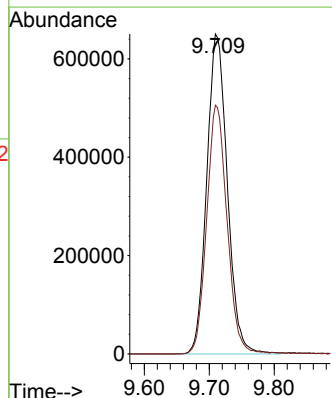
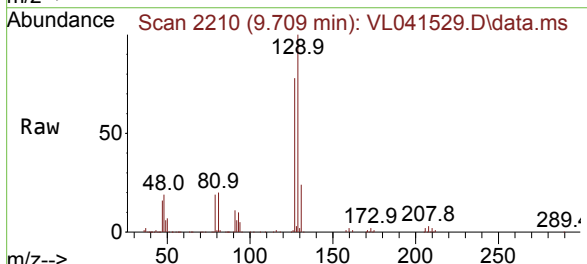
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.6	101.4
85	56.6	45.9	68.9
99	62.8	51.4	77.0

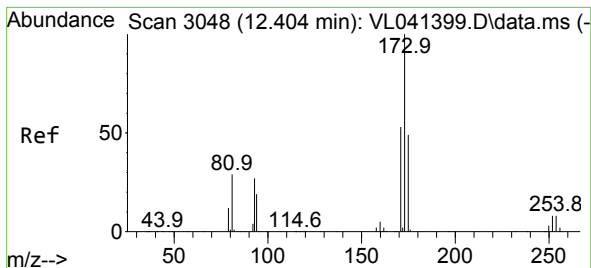


#48
Dibromochloromethane
Concen: 10.844 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 129 Resp: 1432991

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.3	117.8





#49

Bromoform

Concen: 11.239 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

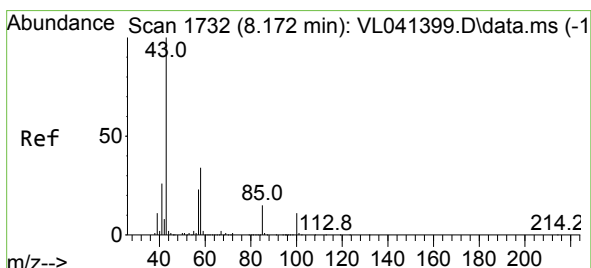
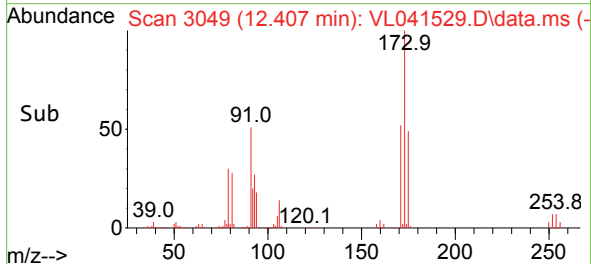
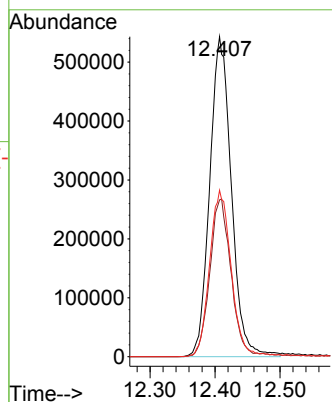
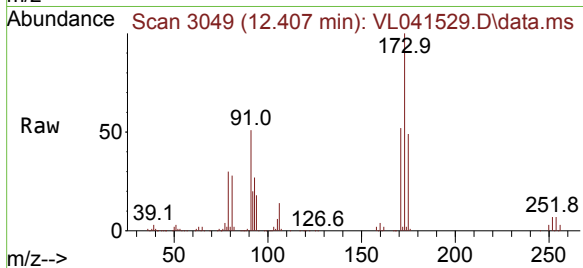
Tgt Ion:173 Resp: 1254551

Ion Ratio Lower Upper

173 100

175 49.2 39.9 59.9

171 52.6 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.346 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041529.D

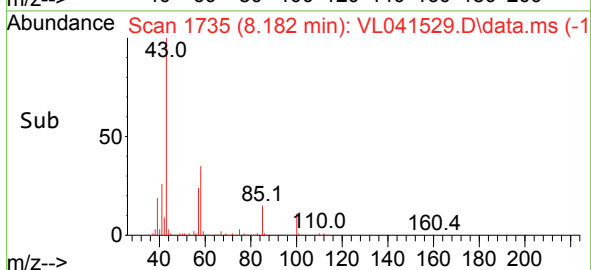
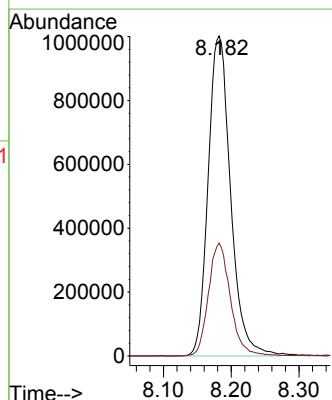
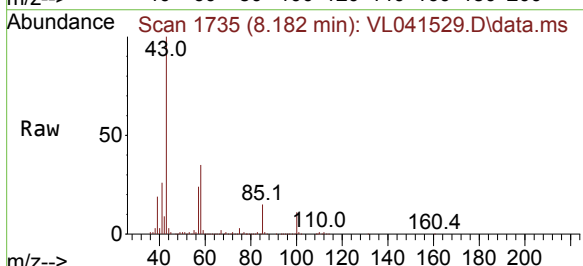
Acq: 12 Aug 2024 10:05

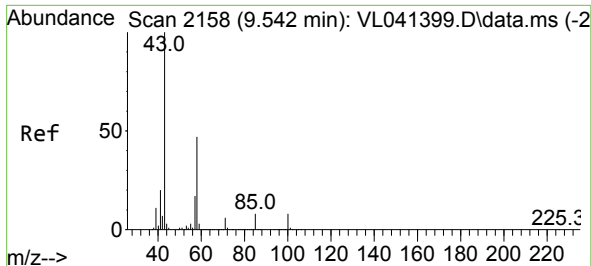
Tgt Ion: 43 Resp: 2303506

Ion Ratio Lower Upper

43 100

58 34.6 27.9 41.9

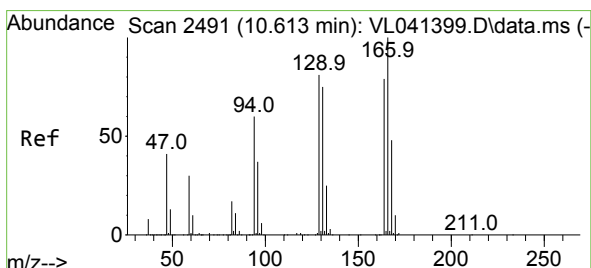
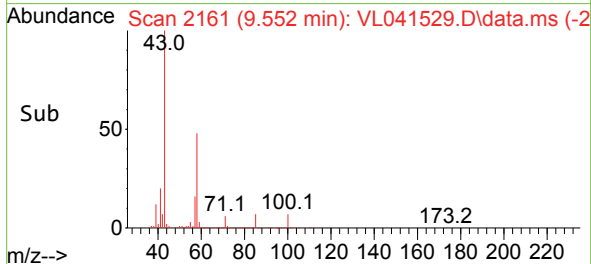
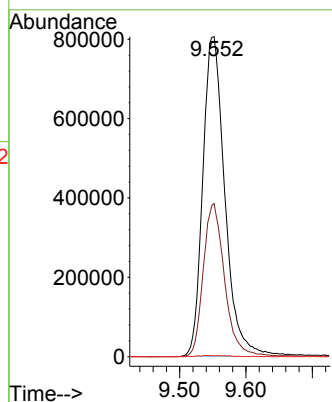
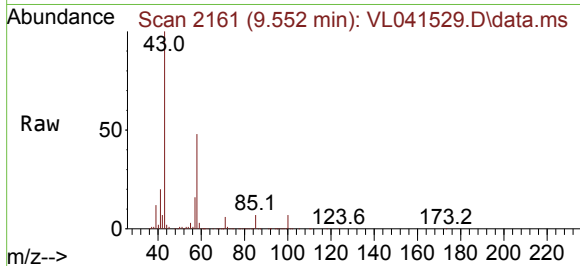




#51
2-Hexanone
Concen: 12.166 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

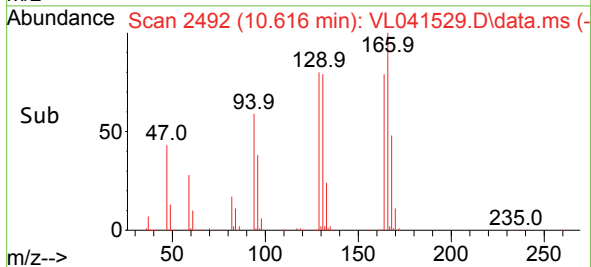
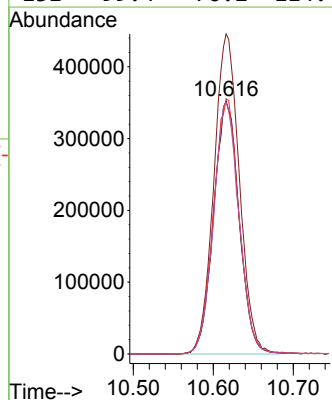
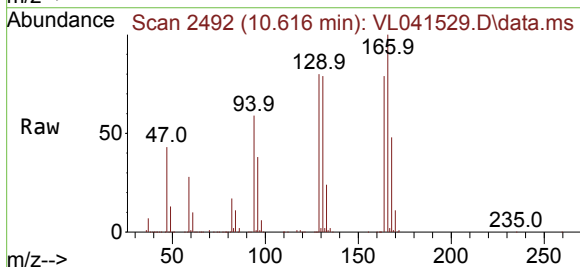
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

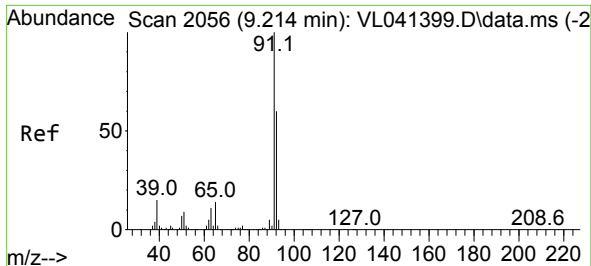
Tgt Ion: 43 Resp: 1867694
Ion Ratio Lower Upper
43 100
58 46.4 38.2 57.2
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.353 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion:164 Resp: 777552
Ion Ratio Lower Upper
164 100
166 126.5 101.1 151.7
129 101.0 81.7 122.5
131 99.4 76.2 114.4

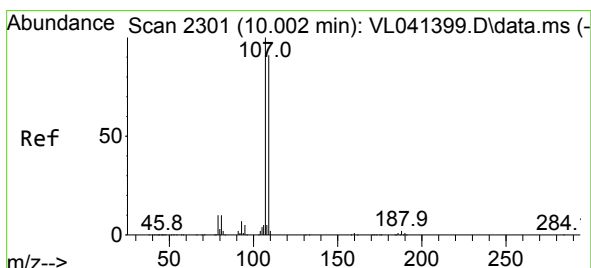
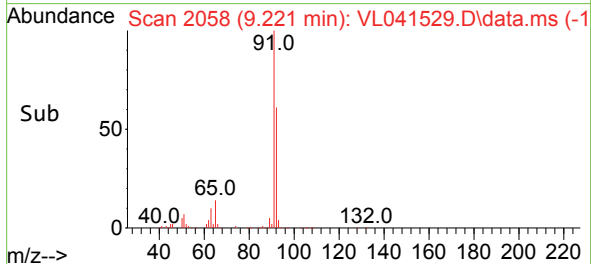
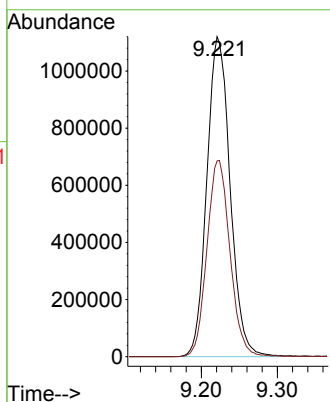
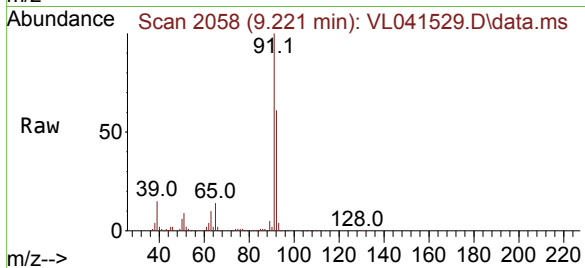




#53
Toluene
Concen: 10.993 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

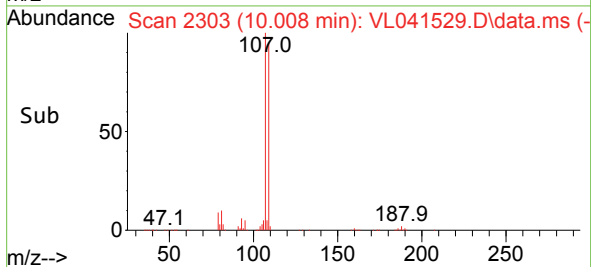
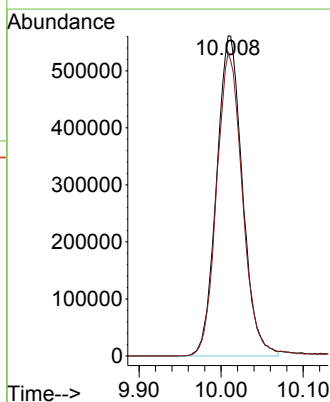
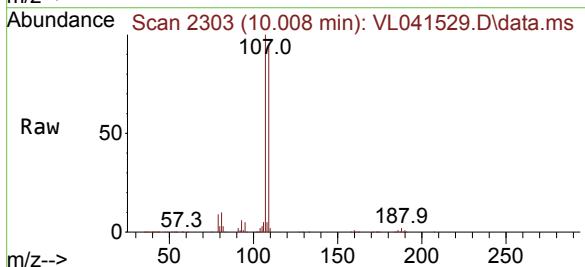
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

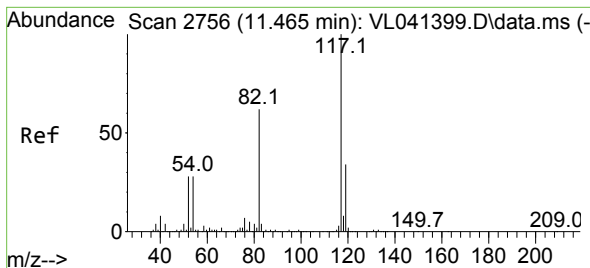
Tgt Ion: 91 Resp: 2380203
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.255 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 107 Resp: 1228899
Ion Ratio Lower Upper
107 100
109 94.6 72.7 109.1

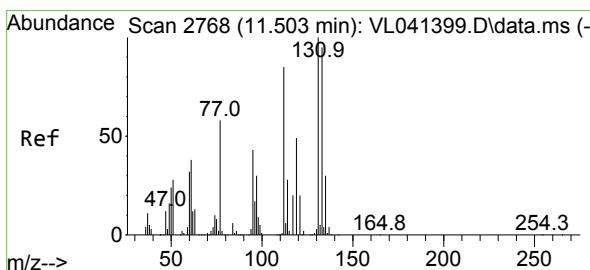
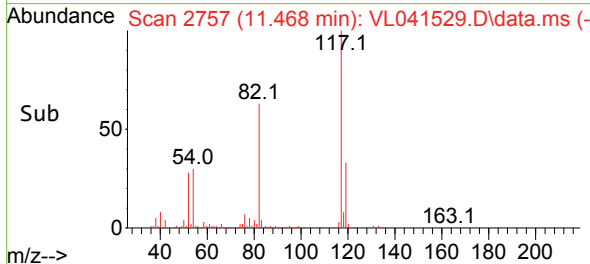
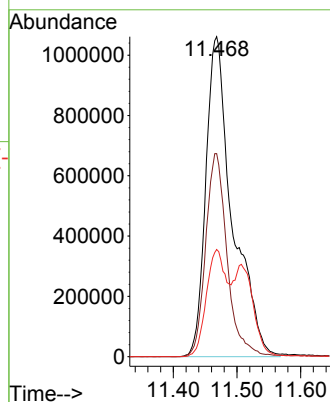
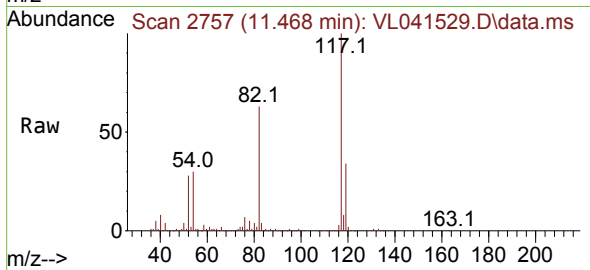




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

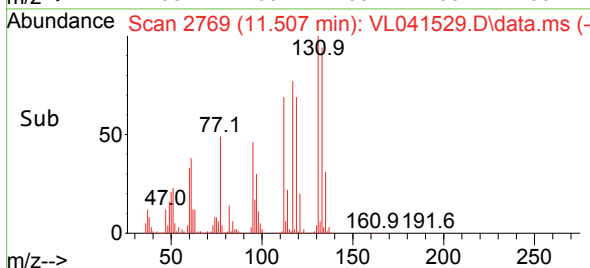
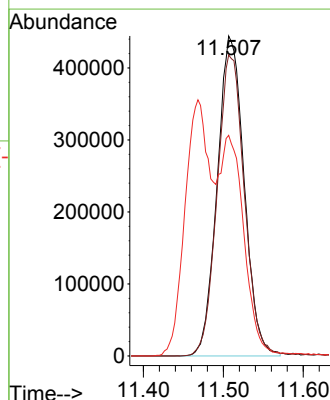
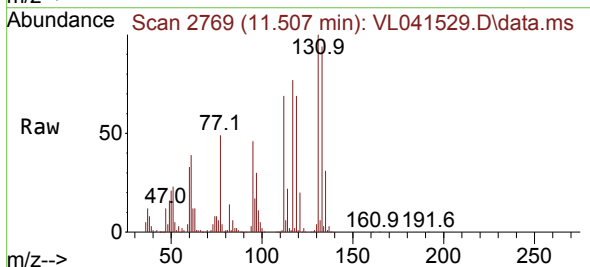
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

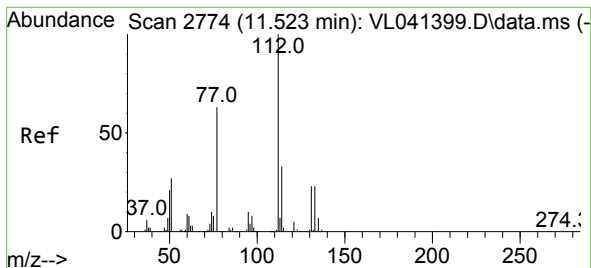
Tgt Ion:117 Resp: 3080803
Ion Ratio Lower Upper
117 100
82 51.6 51.0 76.6
119 26.3 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.674 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion:131 Resp: 1036341
Ion Ratio Lower Upper
131 100
133 96.1 77.0 115.4
119 63.1 121.5 182.3#

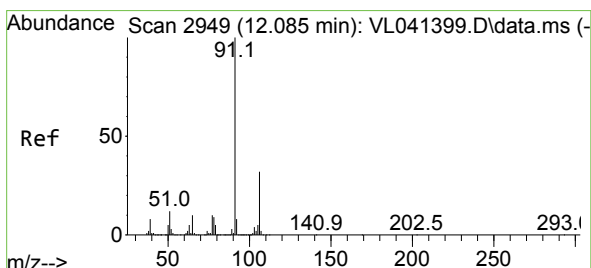
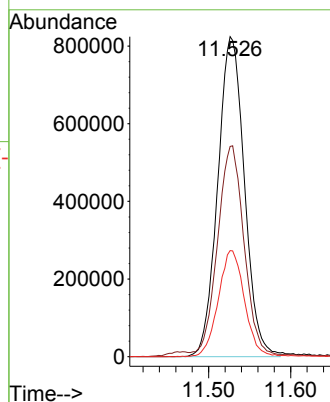
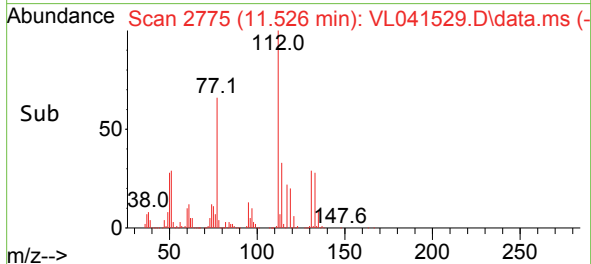
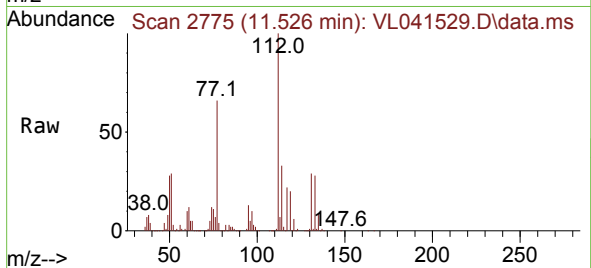




#57
Chlorobenzene
Concen: 8.495 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

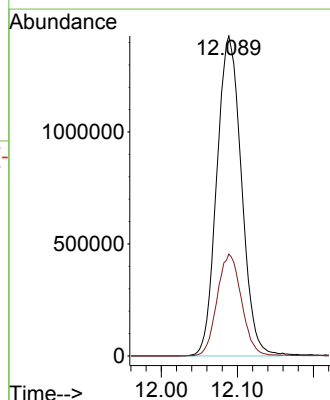
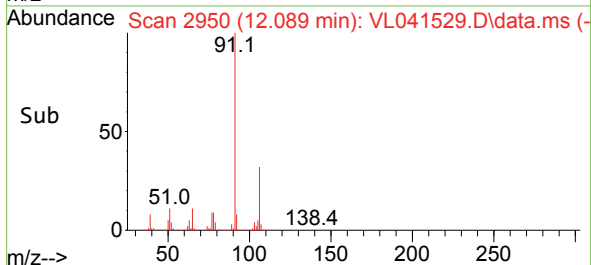
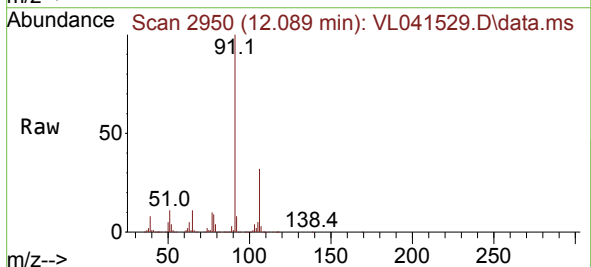
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

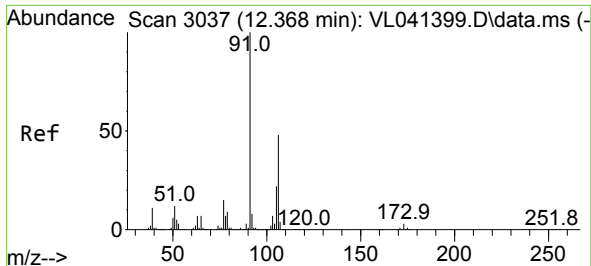
Tgt Ion:112 Resp: 1863270
Ion Ratio Lower Upper
112 100
77 65.0 51.1 76.7
114 33.1 29.5 36.1



#58
Ethyl Benzene
Concen: 9.047 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 91 Resp: 3212582
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8





#59

m/p-Xylene

Concen: 10.123 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

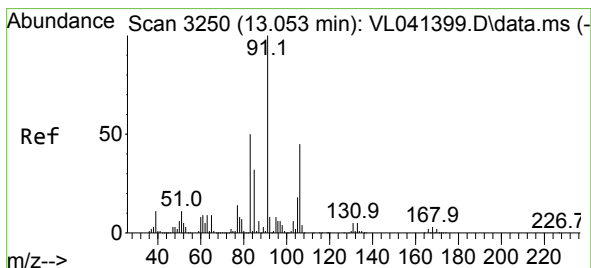
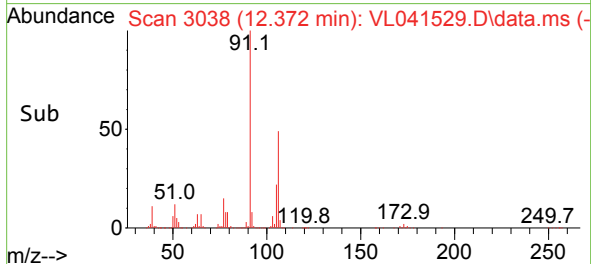
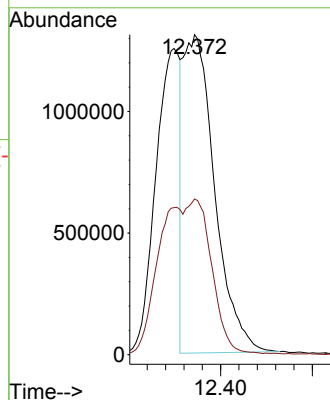
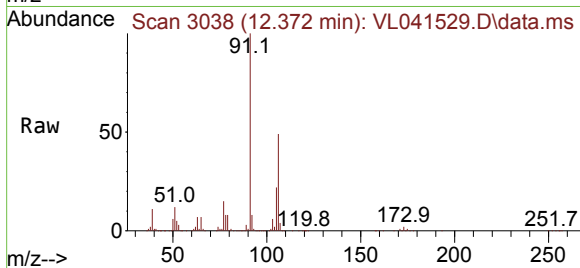
VL0812ABS01

Tgt Ion: 91 Resp: 3102927

Ion Ratio Lower Upper

91 100

106 81.1 36.3 54.5#



#60

o-Xylene

Concen: 9.052 ppbv

RT: 13.057 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041529.D

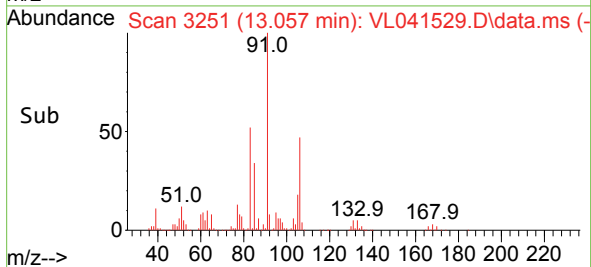
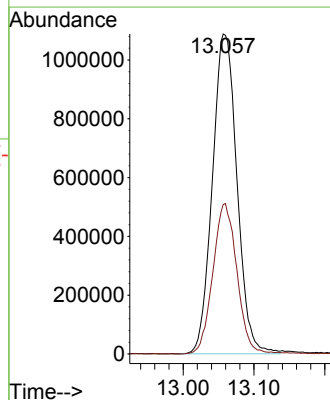
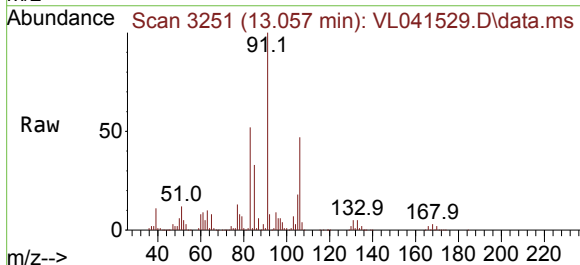
Acq: 12 Aug 2024 10:05

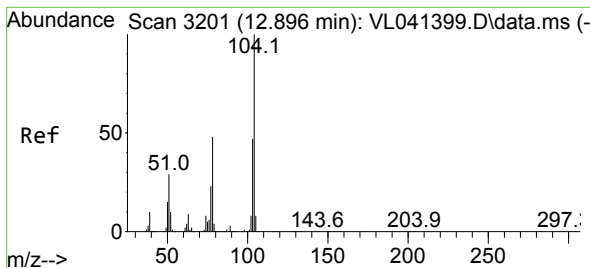
Tgt Ion: 91 Resp: 2624879

Ion Ratio Lower Upper

91 100

106 46.3 23.1 69.3





#61

Styrene

Concen: 9.795 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

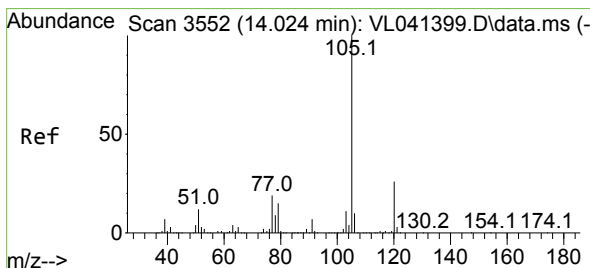
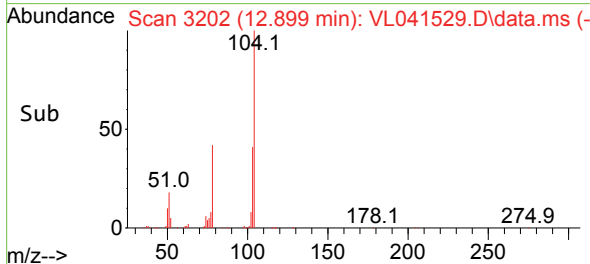
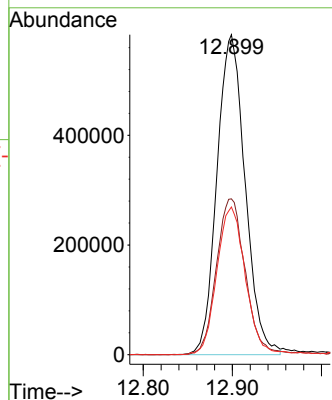
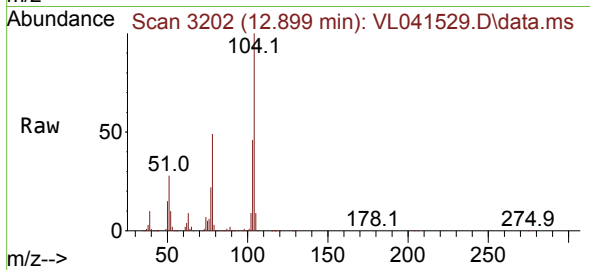
Tgt Ion:104 Resp: 1281440

Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 47.1 38.2 57.4



#62

Isopropylbenzene

Concen: 8.622 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.003 min

Lab File: VL041529.D

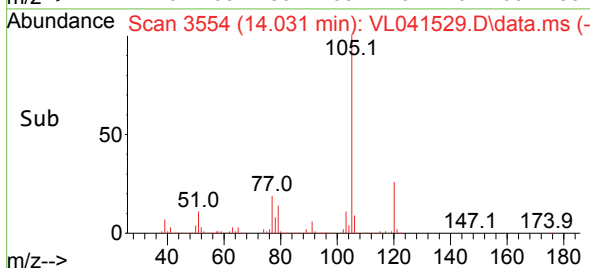
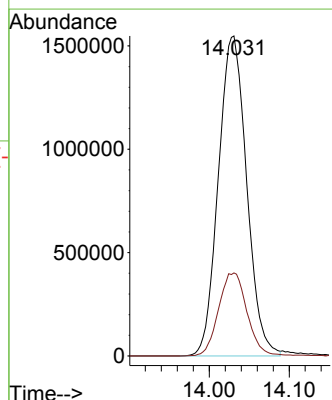
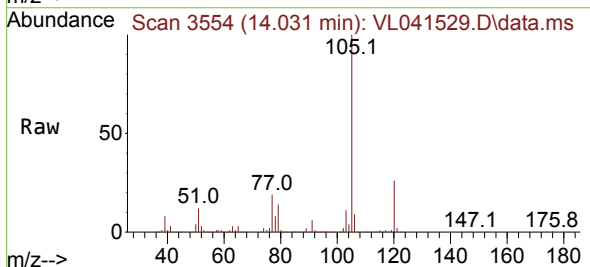
Acq: 12 Aug 2024 10:05

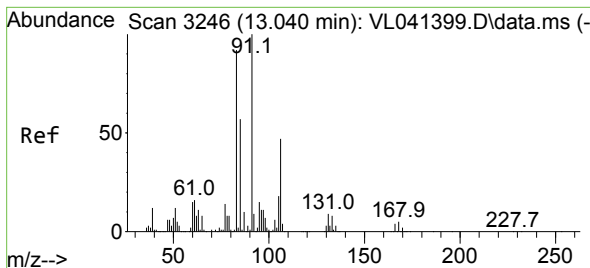
Tgt Ion:105 Resp: 3800877

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

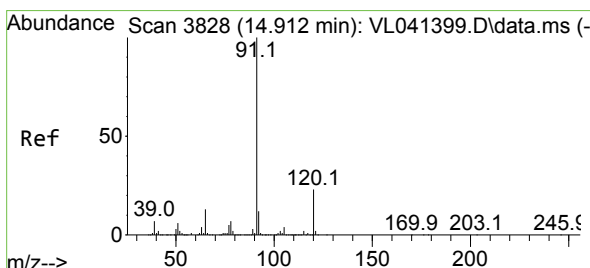
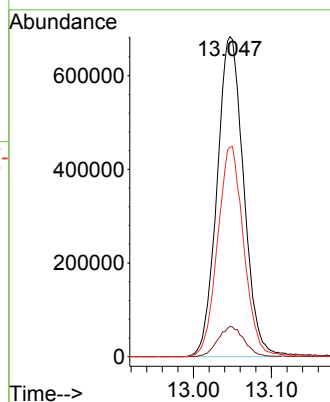
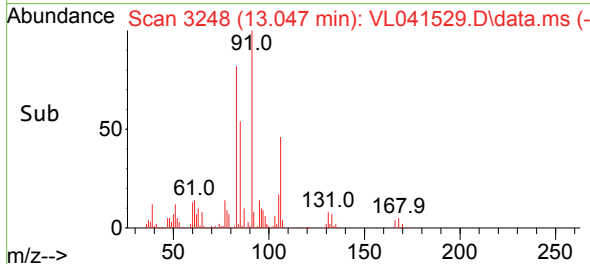
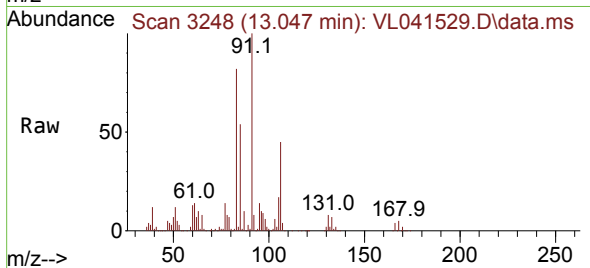




#63
1,1,2,2-Tetrachloroethane
Concen: 8.833 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

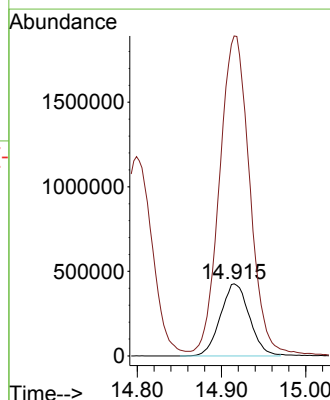
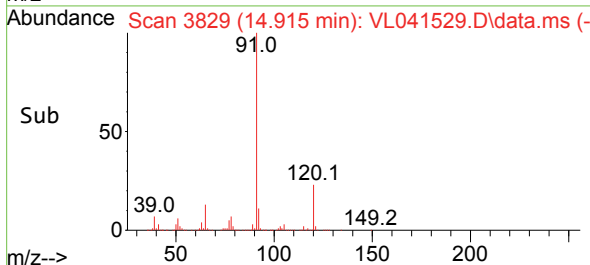
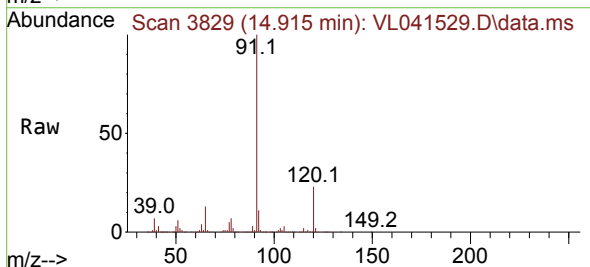
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

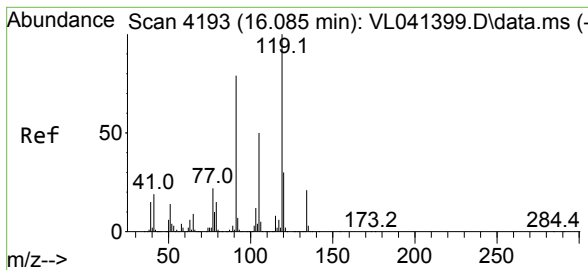
Tgt Ion: 83 Resp: 1617481
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.4 32.6 98.0



#64
n-propylbenzene
Concen: 8.832 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion:120 Resp: 1017816
Ion Ratio Lower Upper
120 100
91 467.0 361.4 542.0

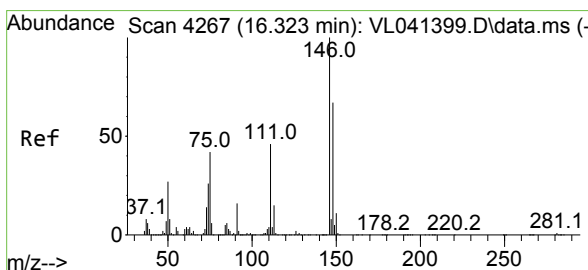
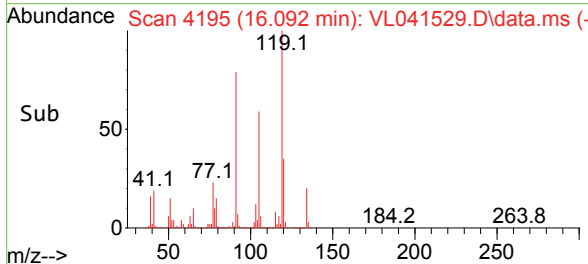
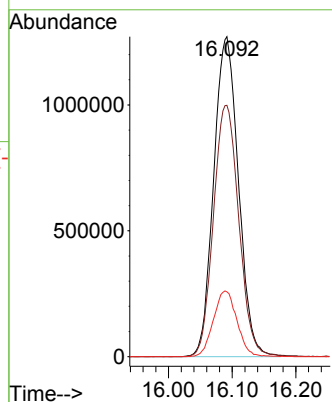
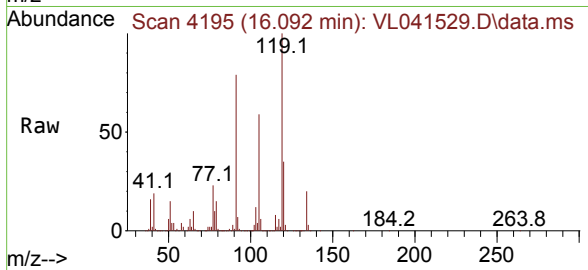




#65
tert-Butylbenzene
Concen: 8.625 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

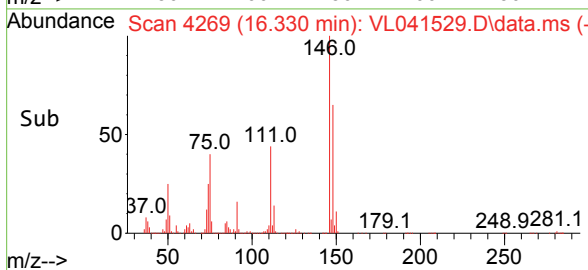
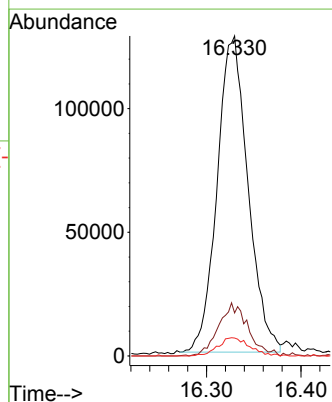
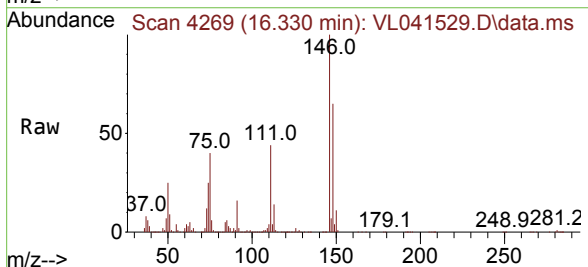
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

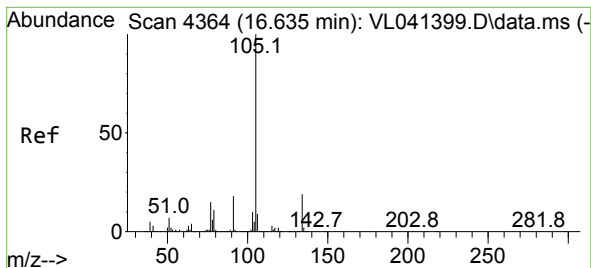
Tgt Ion:119 Resp: 3434158
Ion Ratio Lower Upper
119 100
91 80.4 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 11.340 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 91 Resp: 289599
Ion Ratio Lower Upper
91 100
126 16.3 13.8 20.8
128 6.0 4.4 6.6





#67

sec-Butylbenzene

Concen: 8.808 ppbv

RT: 16.635 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

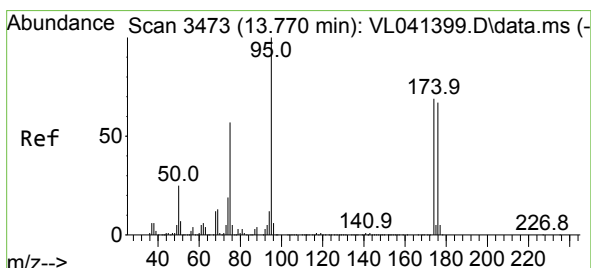
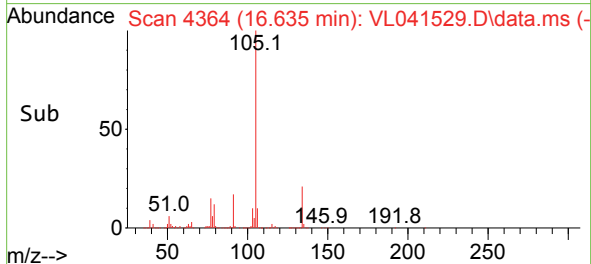
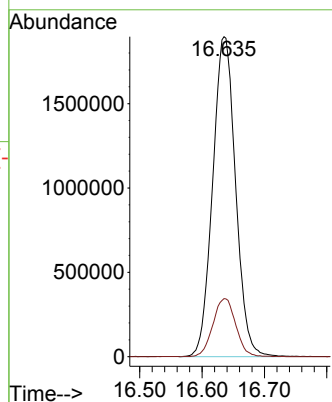
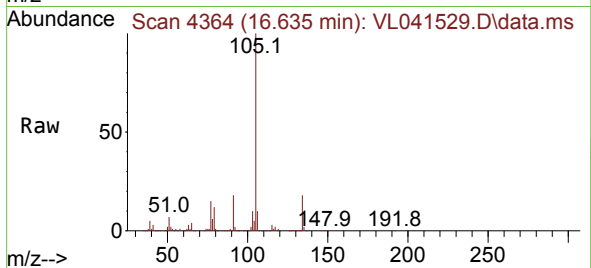
VL0812ABS01

Tgt Ion:105 Resp: 4831714

Ion Ratio Lower Upper

105 100

134 18.2 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 7.979 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

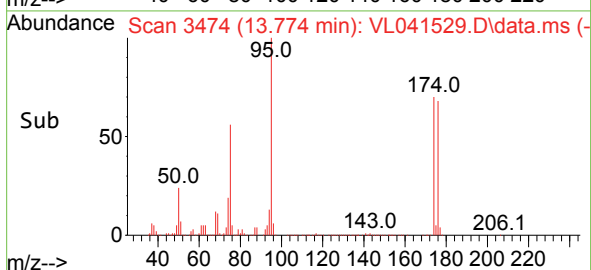
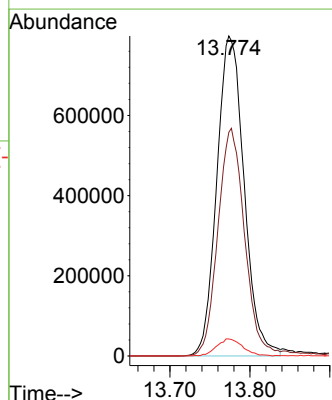
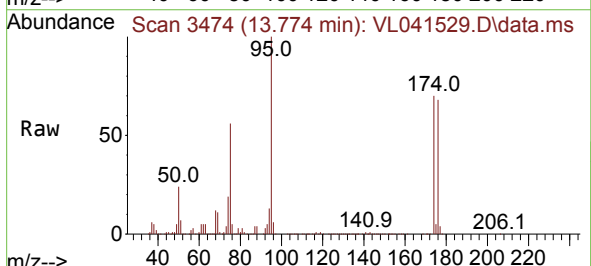
Tgt Ion: 95 Resp: 1891814

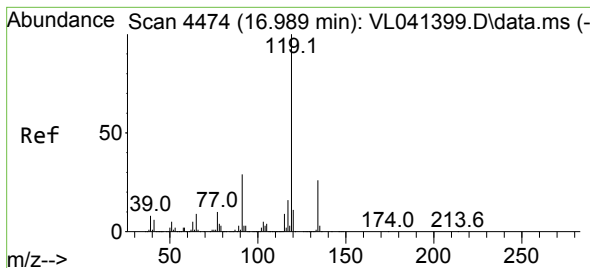
Ion Ratio Lower Upper

95 100

174 71.3 56.3 84.5

175 5.3 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.926 ppbv

RT: 16.995 min Scan# 4474

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

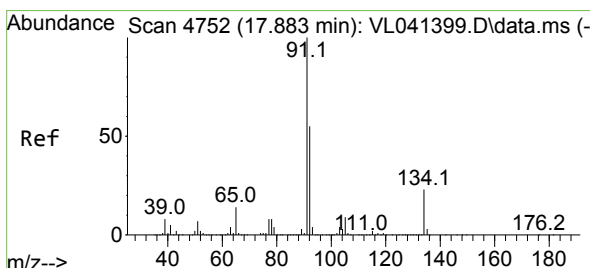
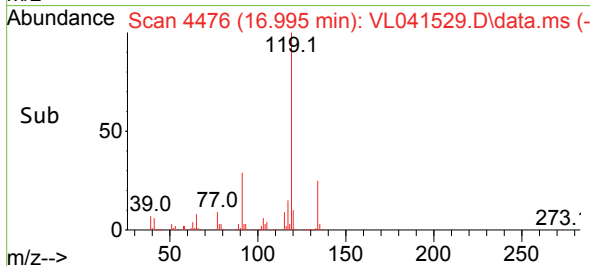
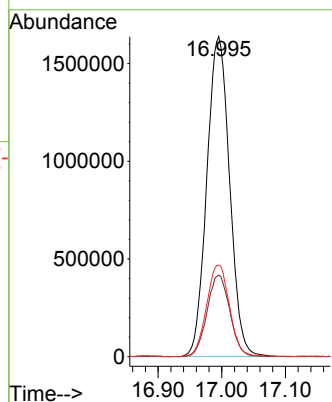
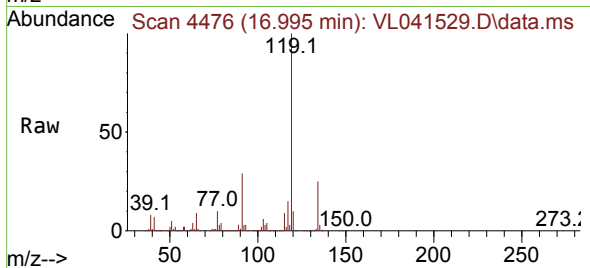
Tgt Ion:119 Resp: 4063282

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 28.8 23.2 34.8



#70

n-Butylbenzene

Concen: 9.059 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

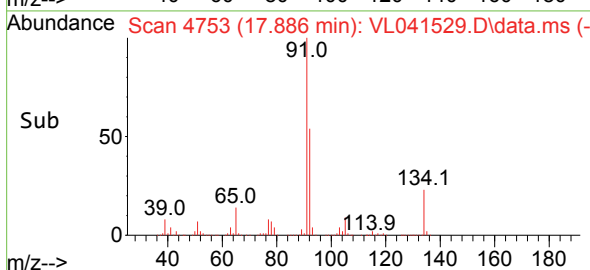
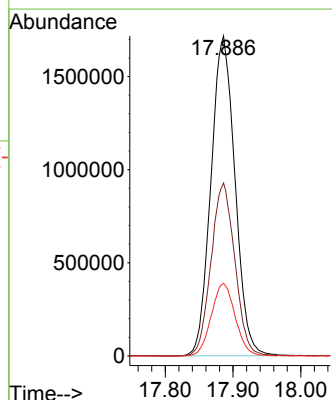
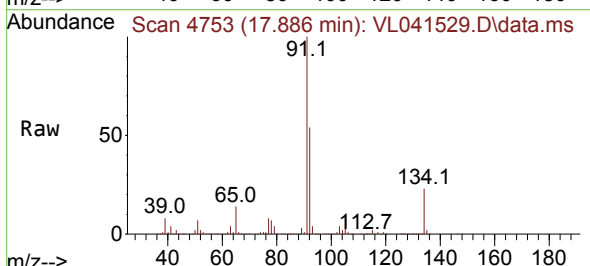
Tgt Ion: 91 Resp: 4227497

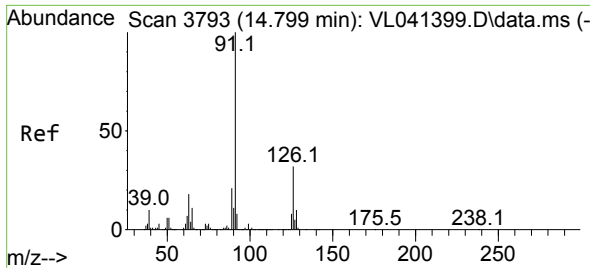
Ion Ratio Lower Upper

91 100

92 53.7 43.2 64.8

134 22.7 18.5 27.7

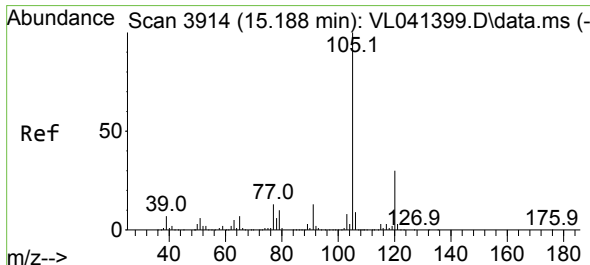
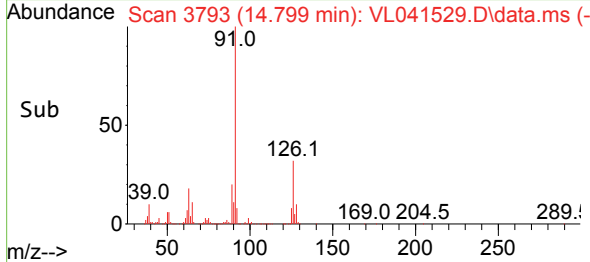
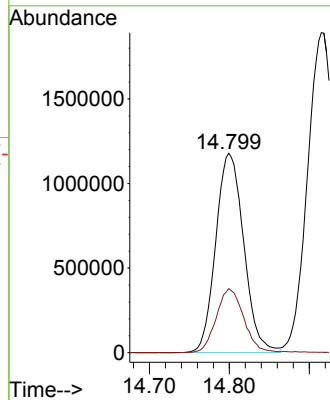
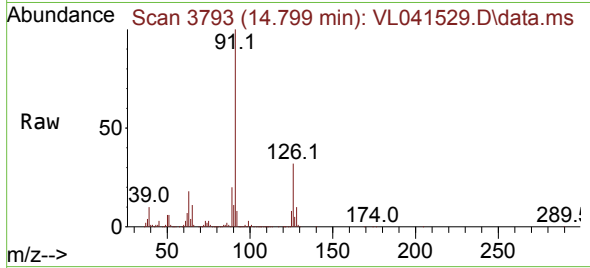




#71
2-Chlorotoluene
Concen: 8.813 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

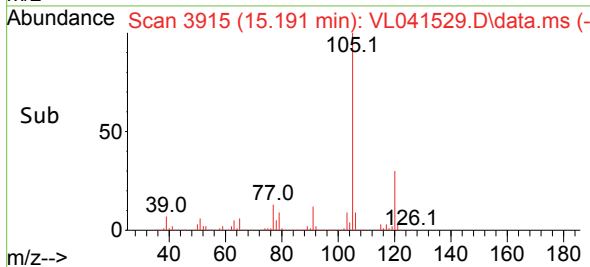
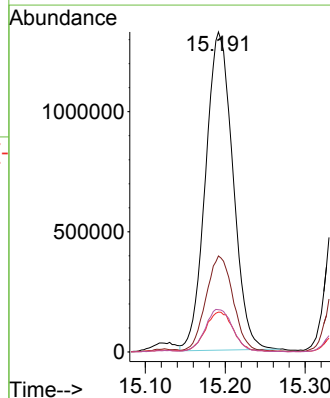
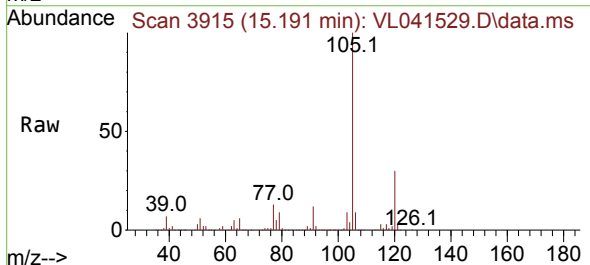
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

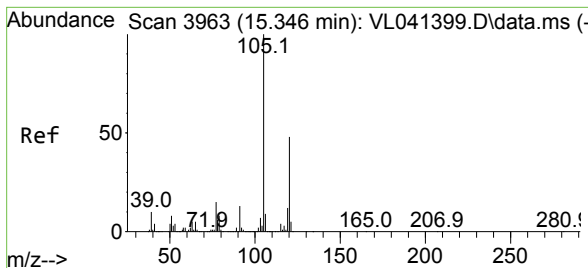
Tgt Ion: 91 Resp: 2864928
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.216 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion: 105 Resp: 3146268
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 13.7 10.4 15.6
77 13.9 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.148 ppbv

RT: 15.352 min Scan# 3963

Delta R.T. 0.007 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

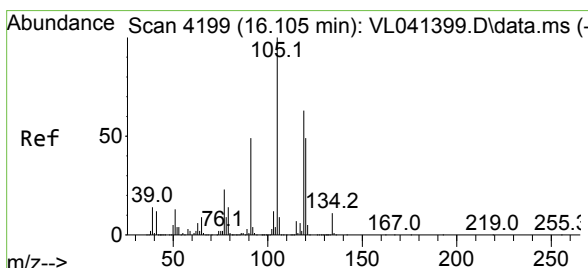
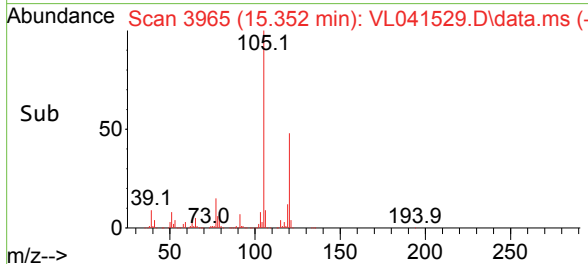
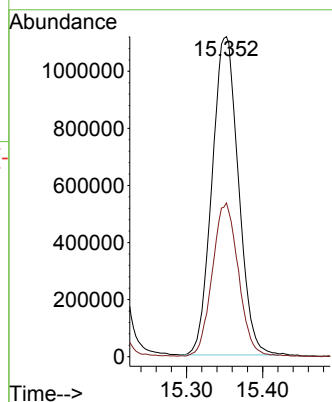
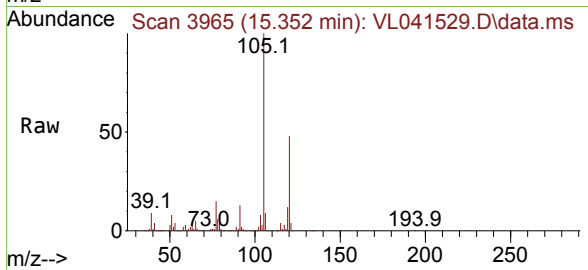
VL0812ABS01

Tgt Ion:105 Resp: 2690441

Ion Ratio Lower Upper

105 100

120 48.1 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.817 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Tgt Ion:105 Resp: 3014700

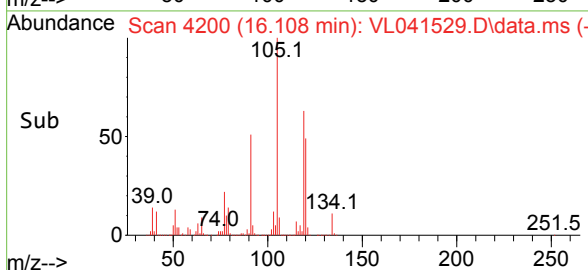
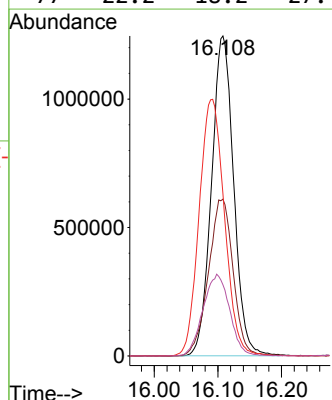
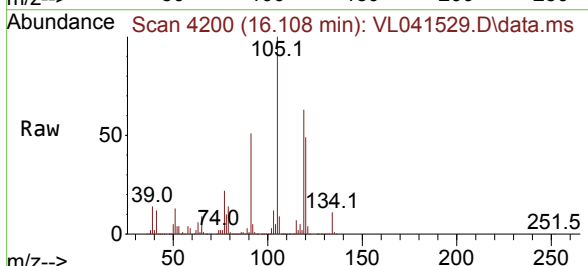
Ion Ratio Lower Upper

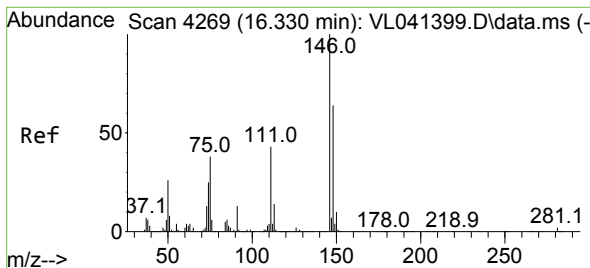
105 100

120 48.8 39.5 59.3

91 50.6 39.8 59.8

77 22.2 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.730 ppbv

RT: 16.330 min Scan# 4314

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

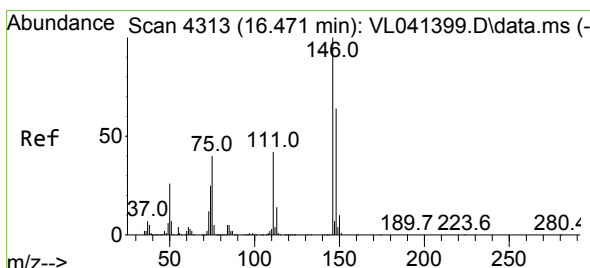
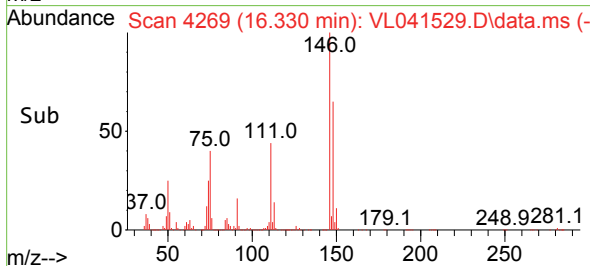
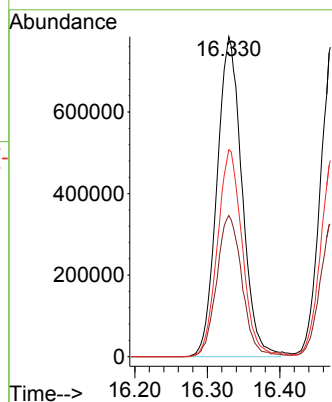
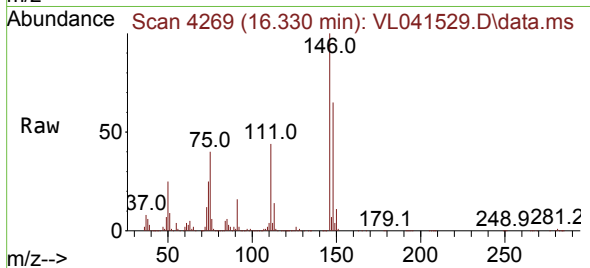
Tgt Ion:146 Resp: 1876465

Ion Ratio Lower Upper

146 100

111 44.8 22.6 67.8

148 64.5 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 9.019 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

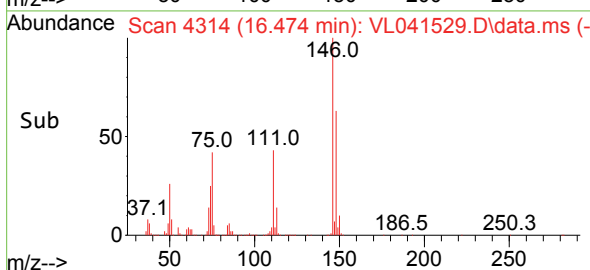
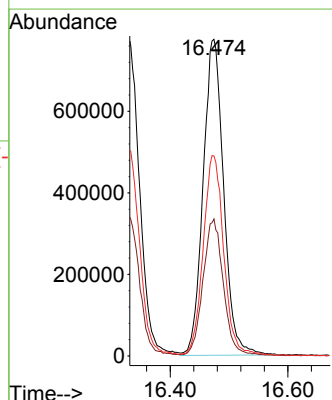
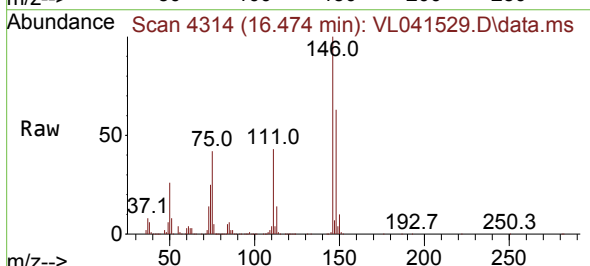
Tgt Ion:146 Resp: 1877028

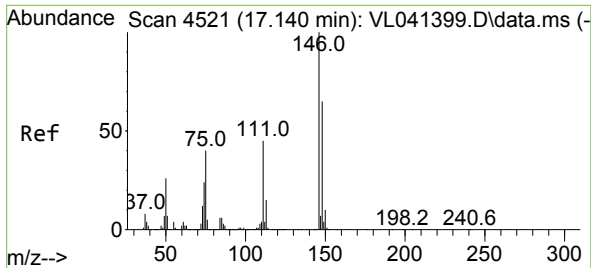
Ion Ratio Lower Upper

146 100

111 43.1 22.4 67.0

148 63.7 33.1 99.5

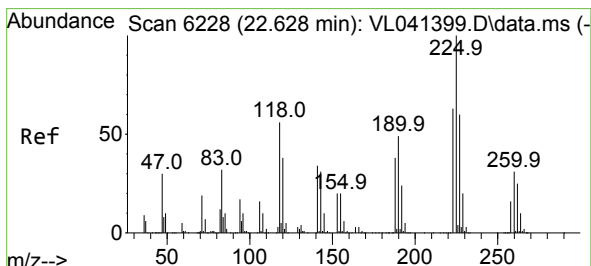
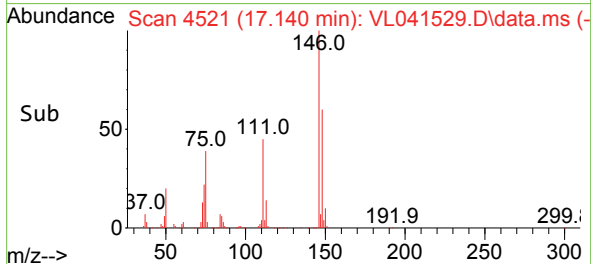
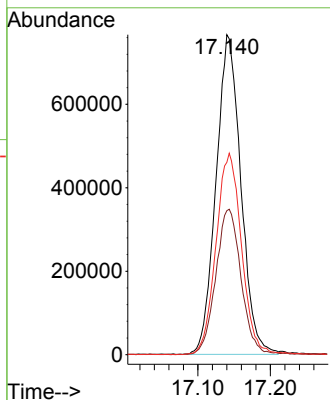
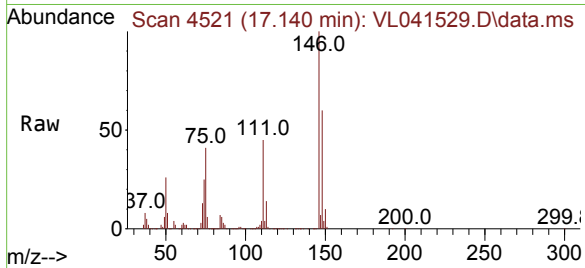




#77
1,2-Dichlorobenzene
Concen: 8.563 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

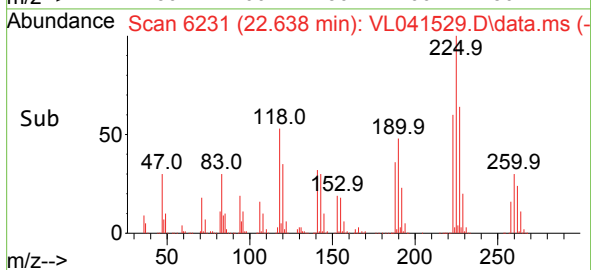
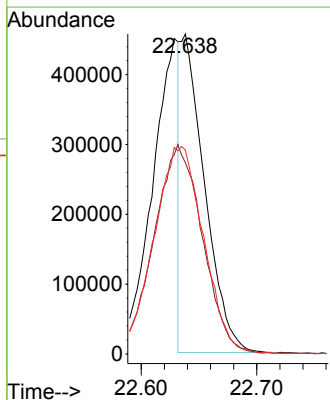
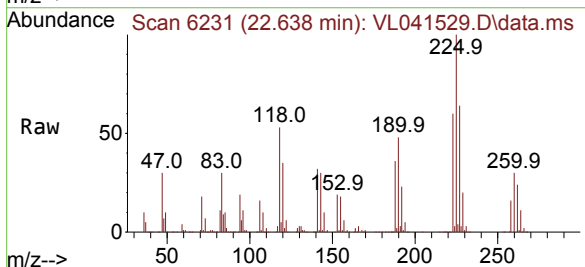
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABS01

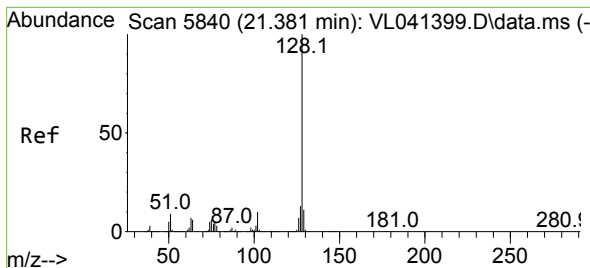
Tgt Ion:146 Resp: 1824591
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.0
148 65.3 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 3.637 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. 0.007 min
Lab File: VL041529.D
Acq: 12 Aug 2024 10:05

Tgt Ion:225 Resp: 660780
Ion Ratio Lower Upper
225 100
223 133.6 50.6 76.0#
227 135.7 50.8 76.2#





#79

Naphthalene

Concen: 10.192 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.000 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABS01

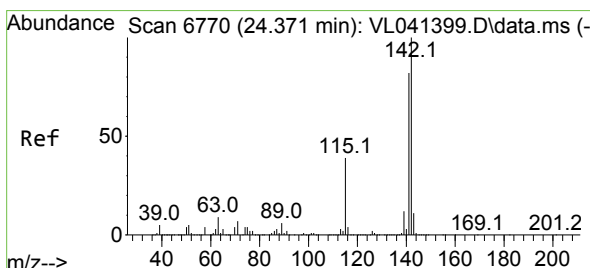
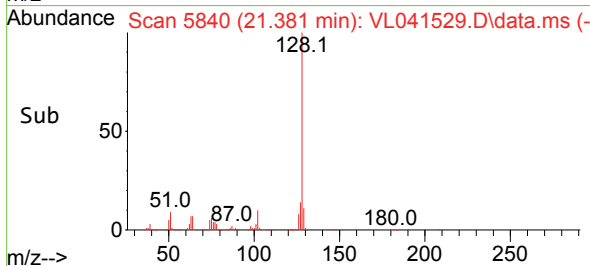
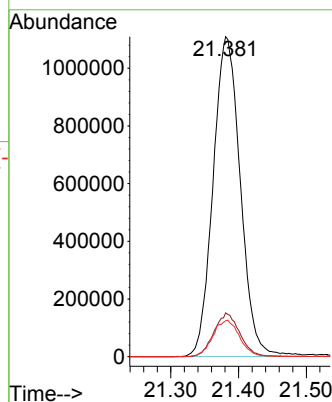
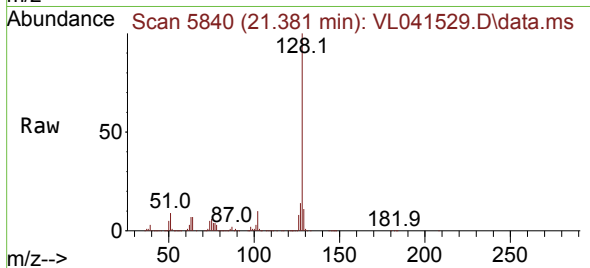
Tgt Ion:128 Resp: 3075936

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.171 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.003 min

Lab File: VL041529.D

Acq: 12 Aug 2024 10:05

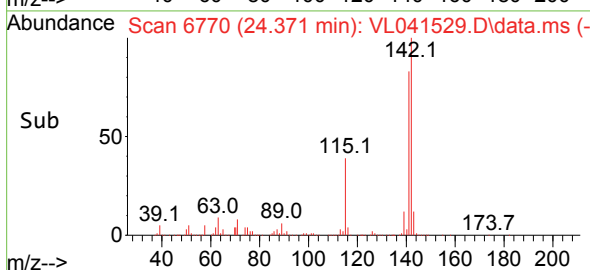
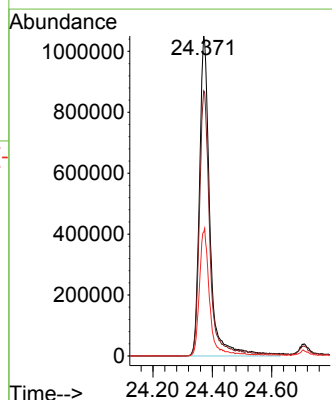
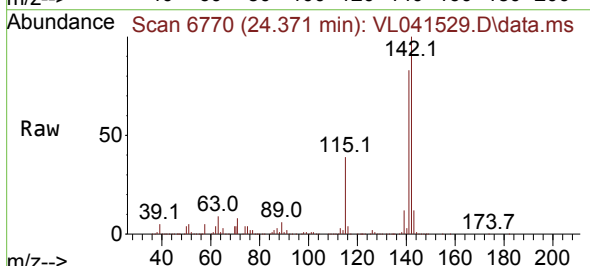
Tgt Ion:142 Resp: 2572995

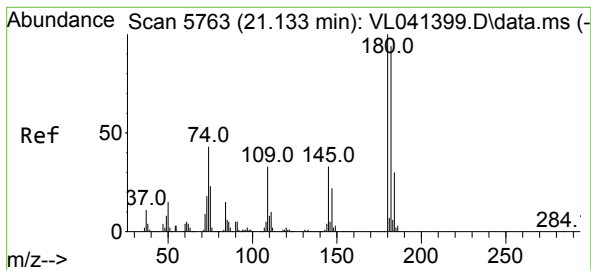
Ion Ratio Lower Upper

142 100

141 83.9 67.0 100.4

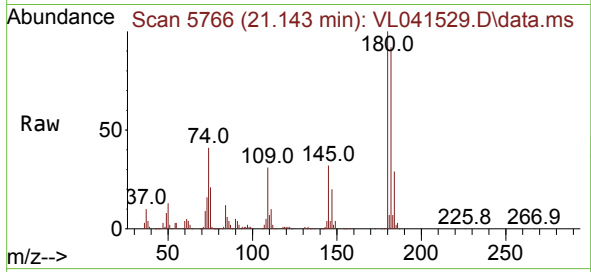
115 39.7 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.049 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL041529.D
 Acq: 12 Aug 2024 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABS01



Tgt Ion:180 Resp: 1625135

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
184	30.9	24.5	36.7

