

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041398.D
 Acq On : 25 Jul 2024 13:19
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 26 02:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1163290	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3245422	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3043708	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2357044	10.332	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.709	85	109541	0.552	ppbv	98
3) Chlorodifluoromethane	2.655	51	75741	0.378	ppbv	100
4) Chloromethane	2.793	50	39649	0.517	ppbv	96
5) Vinyl Chloride	2.906	62	36538	0.441	ppbv #	87
6) Bromomethane	3.102	94	19255	0.735	ppbv	93
7) Chloroethane	3.179	64	13984	0.511	ppbv	92
8) Dichlorotetrafluoroethane	2.838	85	92652	0.480	ppbv	93
9) Propene	2.671	41	33491	0.483	ppbv	98
10) Heptane	7.568	43	66249	0.406	ppbv	97
11) Trichlorofluoromethane	3.545	101	94267	0.488	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	67103	0.496	ppbv	99
13) Ethanol	3.237	45	1307	0.085	ppbv #	1
14) Bromoethene	3.346	108	24275	0.447	ppbv #	90
15) Acetone	3.462	43	75165	0.489	ppbv	100
16) 1,3-Butadiene	2.963	39	28791	0.394	ppbv #	78
17) tert-Butyl alcohol	3.870	59	59997	0.506	ppbv	99
18) 1,1-Dichloroethene	3.864	96	26744	0.449	ppbv	90
19) Isopropyl Alcohol	3.568	45	35926	0.426	ppbv #	89
20) Methylene Chloride	3.915	84	29173	0.523	ppbv #	93
21) Allyl Chloride	3.979	41	41531	0.448	ppbv	94
22) trans-1,2-Dichloroethene	4.433	96	26864	0.454	ppbv	93
23) Vinyl Acetate	4.616	43	45209	0.299	ppbv #	97
24) 1,1-Dichloroethane	4.545	63	62999	0.480	ppbv #	97
25) Ethyl Acetate	5.195	43	126641	0.448	ppbv	99
26) Hexane	5.192	57	52190	0.417	ppbv	91
27) Carbon Disulfide	4.111	76	61342	0.402	ppbv #	93
28) Methyl tert-Butyl Ether	4.581	73	32882	0.354	ppbv	95
29) Chloroform	5.256	83	90359	0.468	ppbv	99
30) Cyclohexane	6.594	84	35035	0.351	ppbv #	88
31) cis-1,2-Dichloroethene	5.063	61	51136	0.426	ppbv #	87
32) 1,1,1-Trichloroethane	5.989	97	87155	0.430	ppbv	97
34) 2-Butanone	4.787	43	66193	0.387	ppbv	93
35) Carbon Tetrachloride	6.478	117	88027	0.411	ppbv	86
36) Benzene	6.356	78	112067	0.417	ppbv	95
37) 1,2-Dichloroethane	5.793	62	66949	0.434	ppbv	98
38) Trichloroethene	7.282	130	52825	0.451	ppbv	98
39) 1,2-Dichloropropane	7.060	63	43368	0.418	ppbv	95
41) Tetrahydrofuran	5.568	42	36699	0.346	ppbv	98
42) Bromodichloromethane	7.237	83	92906	0.431	ppbv	98
43) Methyl Methacrylate	7.465	69	33258	0.330	ppbv	91
44) 2,2,4-Trimethylpentane	7.314	57	189569	0.415	ppbv	94
45) t-1,3-Dichloropropene	8.700	75	16953	0.265	ppbv	98
46) cis-1,3-Dichloropropene	8.134	75	30554	0.356	ppbv #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041398.D
 Acq On : 25 Jul 2024 13:19
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 26 02:40:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

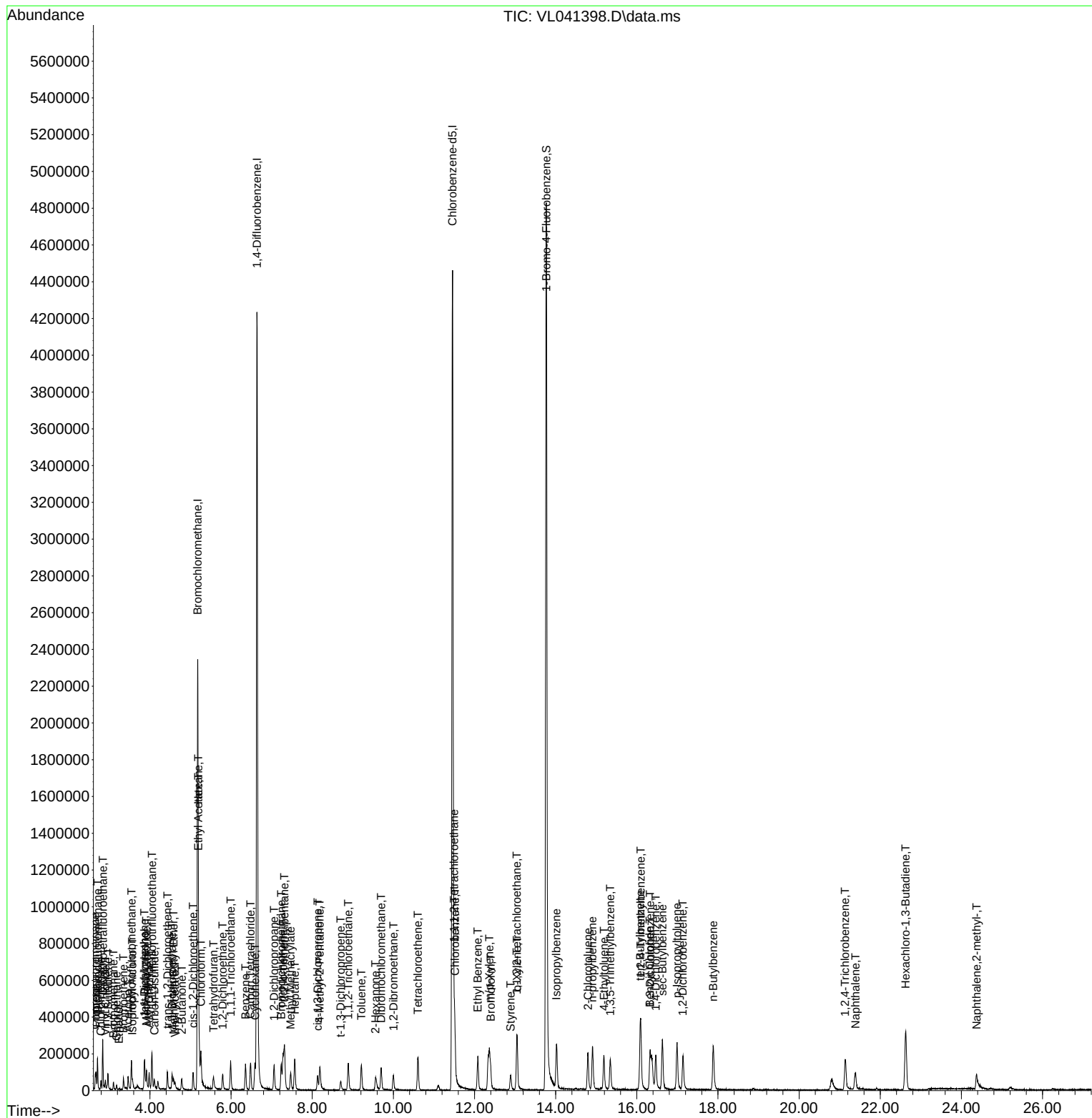
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.886	97	50232	0.451	ppbv	95
48) Dibromochloromethane	9.700	129	72480	0.405	ppbv	100
49) Bromoform	12.400	173	57383	0.403	ppbv	95
50) 4-Methyl-2-Pentanone	8.185	43	50061	0.182	ppbv #	32
51) 2-Hexanone	9.558	43	64659	0.331	ppbv #	97
52) Tetrachloroethene	10.600	164	44583	0.413	ppbv	92
53) Toluene	9.211	91	110057	0.363	ppbv	98
54) 1,2-Dibromoethane	10.002	107	61242	0.445	ppbv	89
56) 1,1,1,2-Tetrachloroethane	11.497	131	61039	0.446	ppbv #	1
57) Chlorobenzene	11.516	112	113739	0.476	ppbv	94
58) Ethyl Benzene	12.079	91	156513	0.384	ppbv	96
59) m/p-Xylene	12.365	91	103612	0.294	ppbv #	31
60) o-Xylene	13.050	91	128195	0.385	ppbv	99
61) Styrene	12.889	104	47561	0.294	ppbv	94
62) Isopropylbenzene	14.018	105	107105	0.209	ppbv #	58
63) 1,1,2,2-Tetrachloroethane	13.040	83	95214	0.363	ppbv	97
64) n-propylbenzene	14.905	120	25182	0.188	ppbv #	1
65) tert-Butylbenzene	16.082	119	107714	0.236	ppbv #	35
66) Benzyl Chloride	16.323	91	2165	0.072	ppbv #	20
67) sec-Butylbenzene	16.632	105	249741	0.386	ppbv	99
69) p-Isopropyltoluene	16.992	119	197625	0.370	ppbv	96
70) n-Butylbenzene	17.886	91	204999	0.376	ppbv	98
71) 2-Chlorotoluene	14.796	91	150717	0.395	ppbv	100
72) 4-Ethyltoluene	15.188	105	148551	0.375	ppbv	97
73) 1,3,5-Trimethylbenzene	15.346	105	126480	0.373	ppbv	92
74) 1,2,4-Trimethylbenzene	16.098	105	78776	0.206	ppbv	94
75) 1,3-Dichlorobenzene	16.326	146	100938	0.445	ppbv	94
76) 1,4-Dichlorobenzene	16.468	146	38673	0.171	ppbv #	1
77) 1,2-Dichlorobenzene	17.130	146	45632	0.197	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.622	225	50446	0.300	ppbv #	28
79) Naphthalene	21.387	128	85658	0.417	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	75989	140.503	ppbv	93
81) 1,2,4-Trichlorobenzene	21.133	180	39104	0.308	ppbv #	11

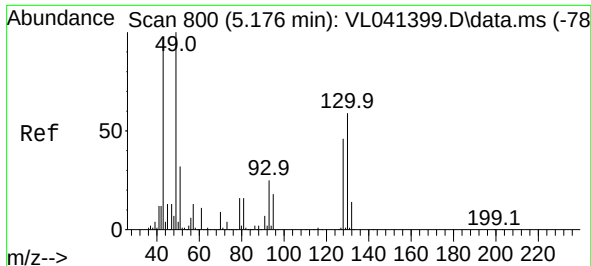
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041398.D
Acq On : 25 Jul 2024 13:19
Operator : SY/MD
Sample : VSTDIC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

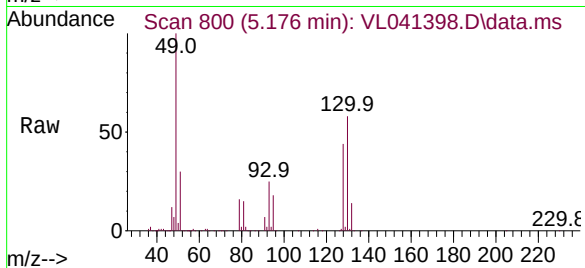
Quant Time: Jul 26 02:40:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 25 14:31:18 2024
Response via : Initial Calibration



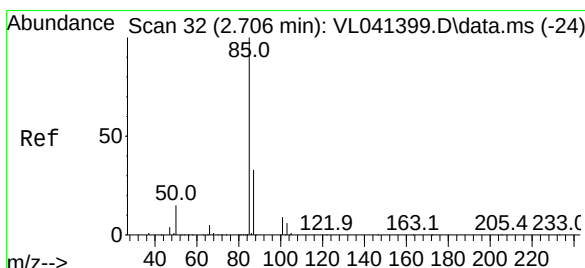
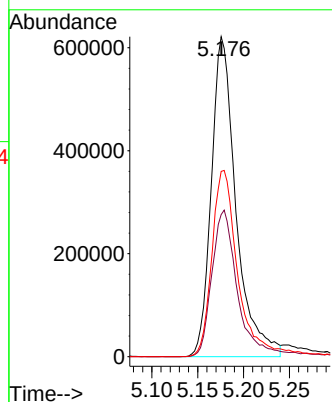
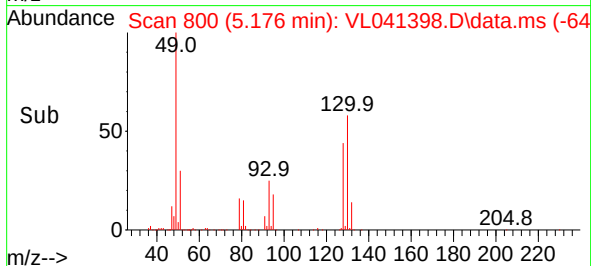


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Instrument :
MSVOA_L
ClientSampleId :

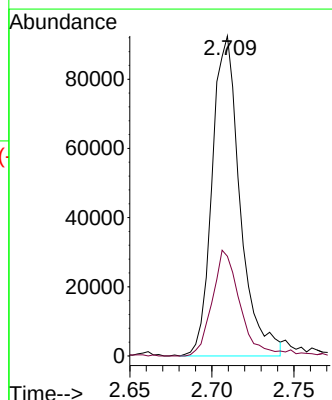
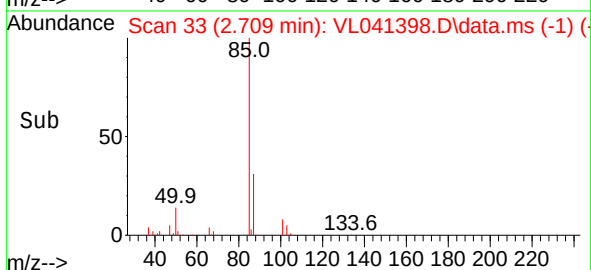
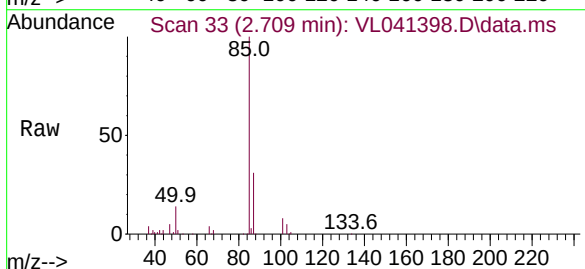


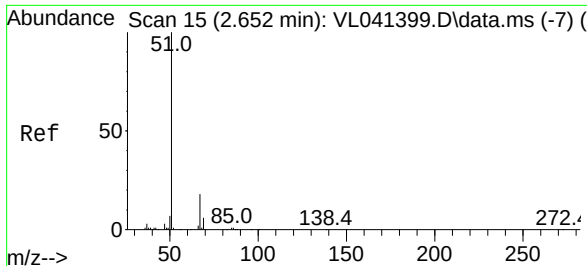
Tgt Ion: 49 Resp: 1163290
Ion Ratio Lower Upper
49 100
128 49.8 23.8 71.4
130 63.0 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.552 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 85 Resp: 109541
Ion Ratio Lower Upper
85 100
87 31.1 26.0 39.0

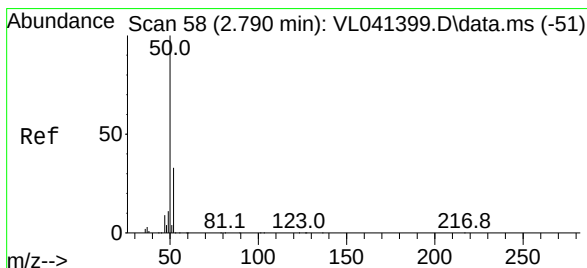
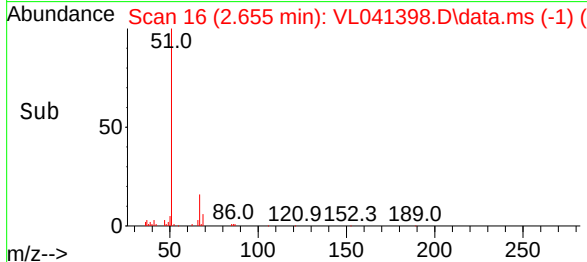
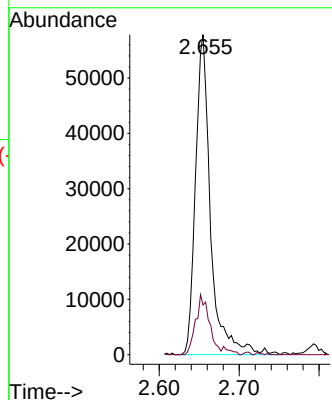
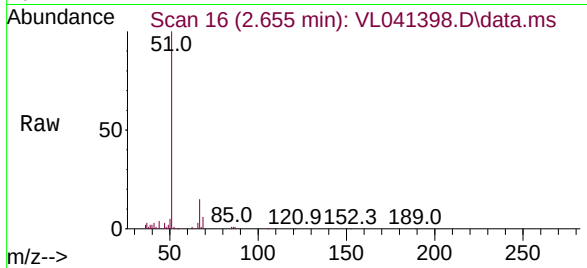




#3
Chlorodifluoromethane
Concen: 0.378 ppbv
RT: 2.655 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

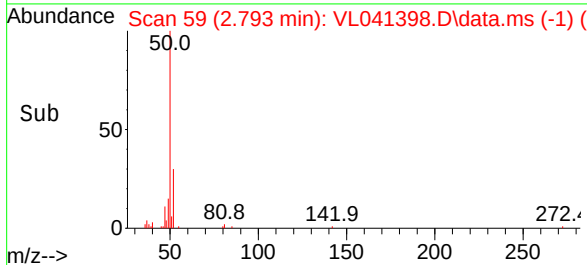
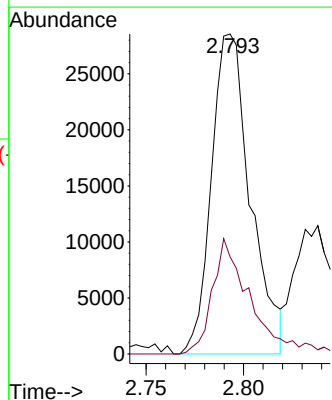
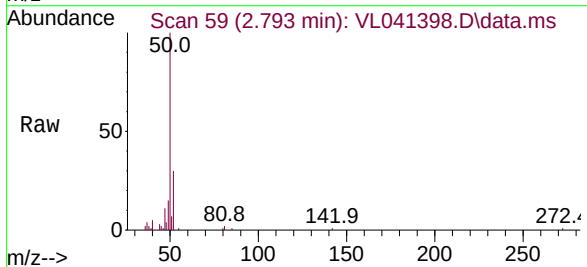
Instrument :
MSVOA_L
ClientSampleId :

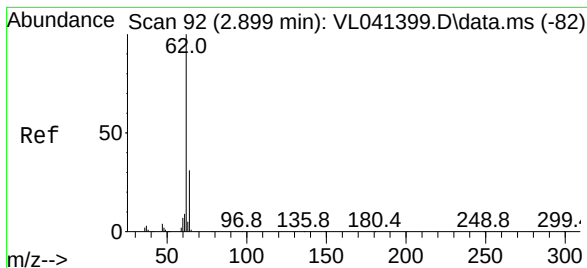
Tgt Ion: 51 Resp: 75741
Ion Ratio Lower Upper
51 100
67 18.2 14.5 21.7



#4
Chloromethane
Concen: 0.517 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 50 Resp: 39649
Ion Ratio Lower Upper
50 100
52 30.3 26.1 39.1





#5

Vinyl Chloride

Concen: 0.441 ppbv

RT: 2.906 min Scan# 94

Delta R.T. 0.006 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

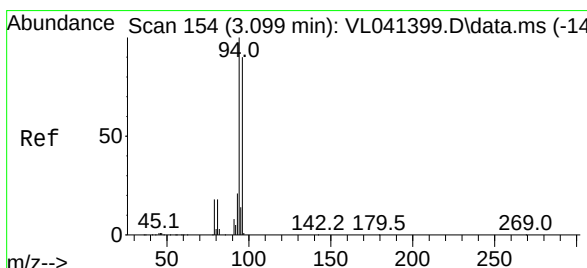
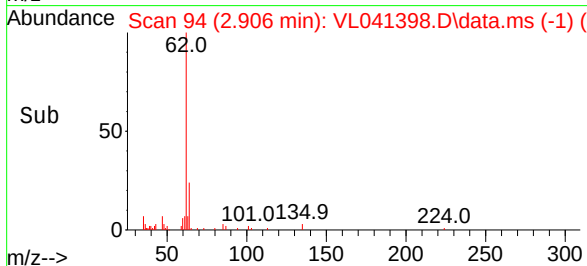
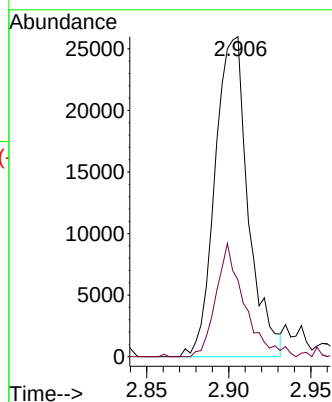
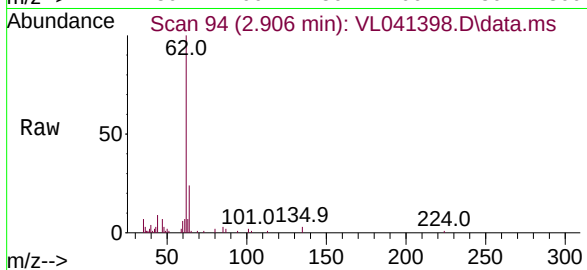
ClientSampleId :

Tgt Ion: 62 Resp: 36538

Ion Ratio Lower Upper

62 100

64 24.0 25.0 37.4#



#6

Bromomethane

Concen: 0.735 ppbv

RT: 3.102 min Scan# 155

Delta R.T. 0.003 min

Lab File: VL041398.D

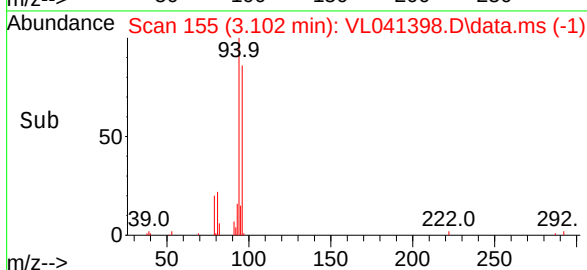
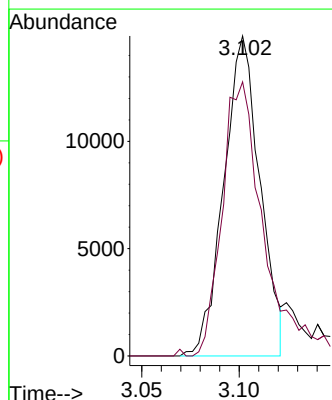
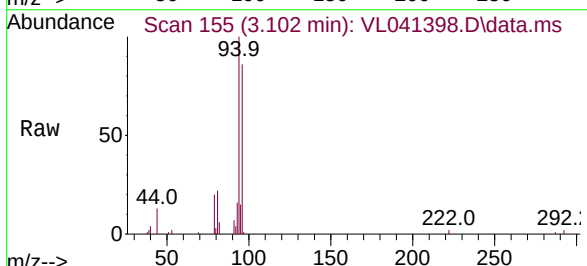
Acq: 25 Jul 2024 13:19

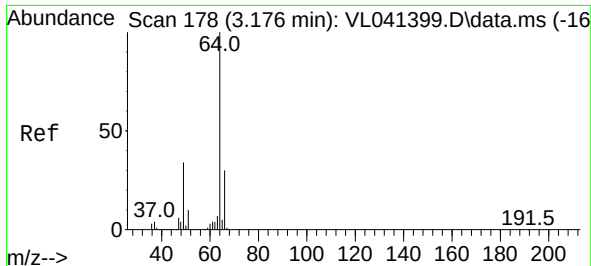
Tgt Ion: 94 Resp: 19255

Ion Ratio Lower Upper

94 100

96 83.6 72.3 108.5

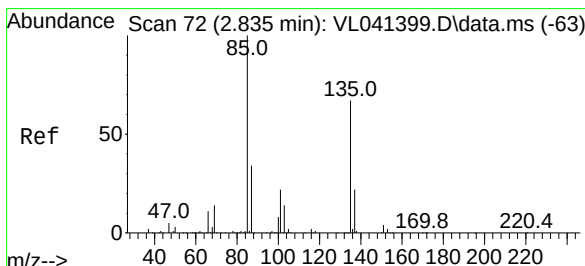
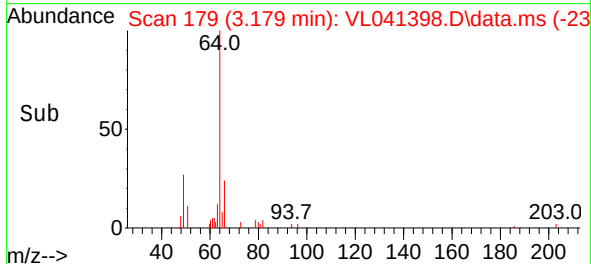
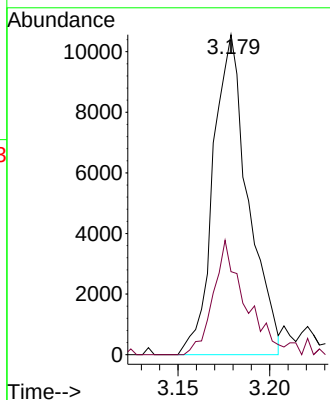
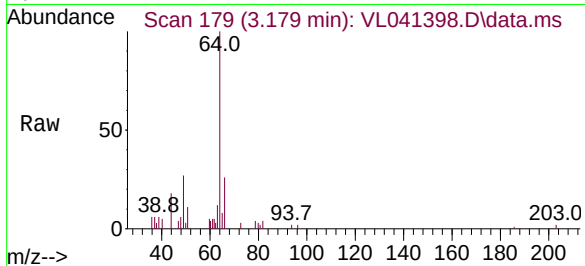




#7
Chloroethane
Concen: 0.511 ppbv
RT: 3.179 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

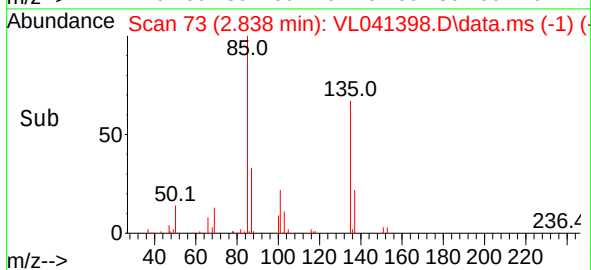
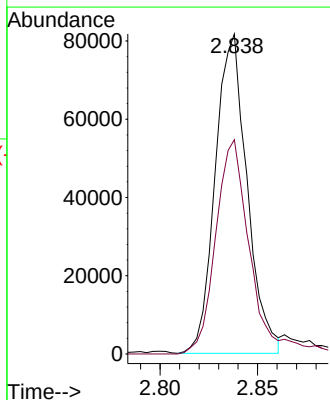
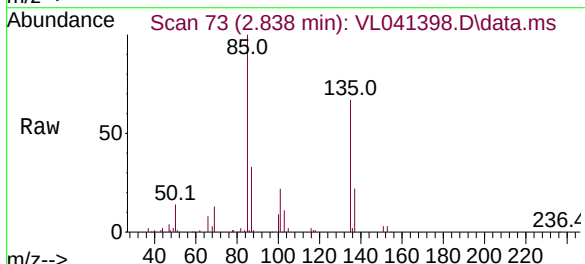
Instrument :
MSVOA_L
ClientSampleId :

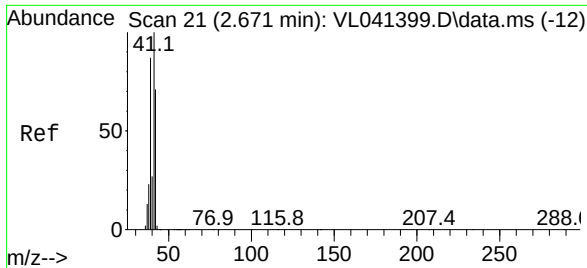
Tgt Ion: 64 Resp: 13984
Ion Ratio Lower Upper
64 100
66 25.9 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 0.480 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 85 Resp: 92652
Ion Ratio Lower Upper
85 100
135 74.8 55.4 83.0

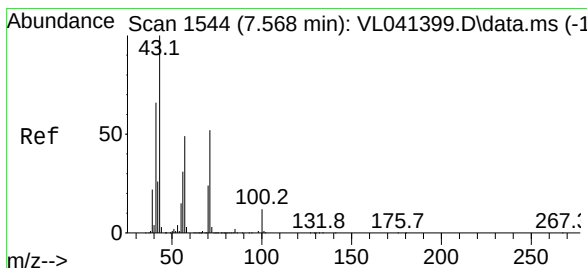
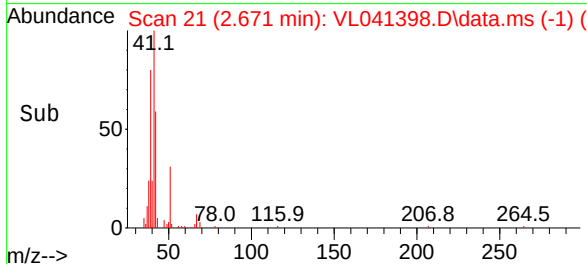
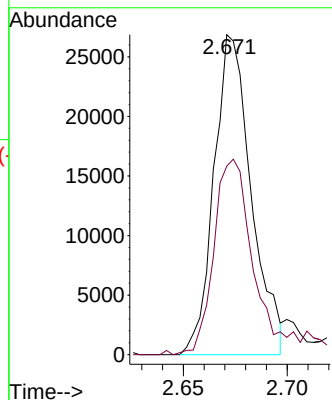
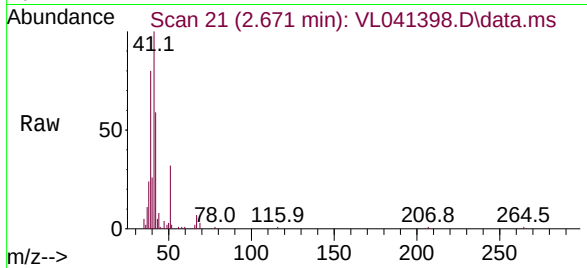




#9
 Propene
 Concen: 0.483 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL041398.D
 Acq: 25 Jul 2024 13:19

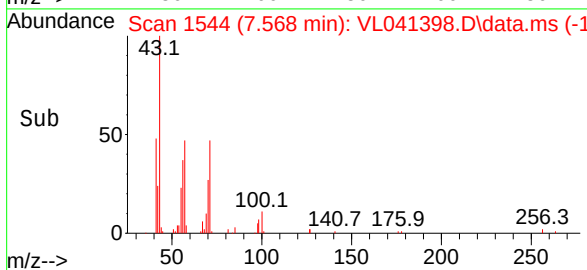
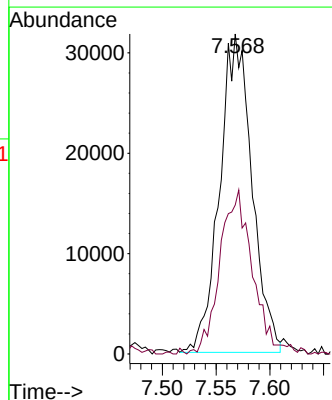
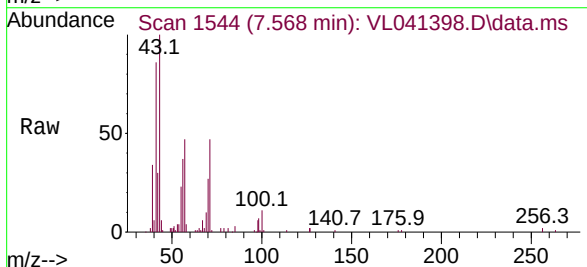
Instrument :
 MSVOA_L
 ClientSampleId :

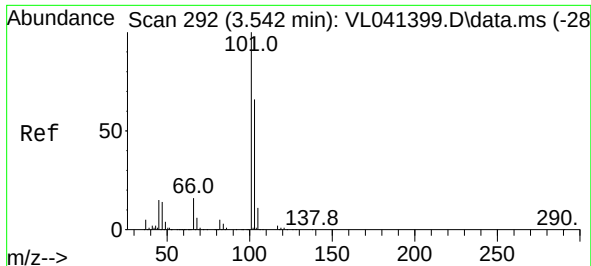
Tgt Ion: 41 Resp: 33491
 Ion Ratio Lower Upper
 41 100
 42 71.2 55.9 83.9



#10
 Heptane
 Concen: 0.406 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VL041398.D
 Acq: 25 Jul 2024 13:19

Tgt Ion: 43 Resp: 66249
 Ion Ratio Lower Upper
 43 100
 57 52.4 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.488 ppbv

RT: 3.545 min Scan# 292

Delta R.T. 0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

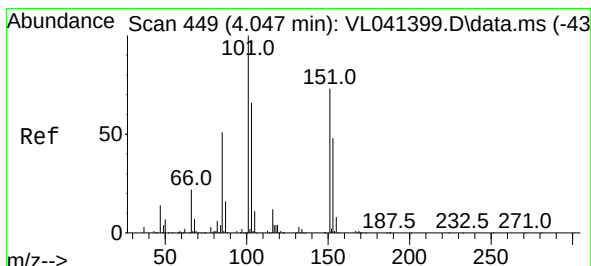
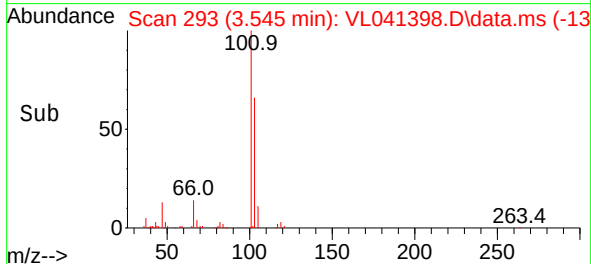
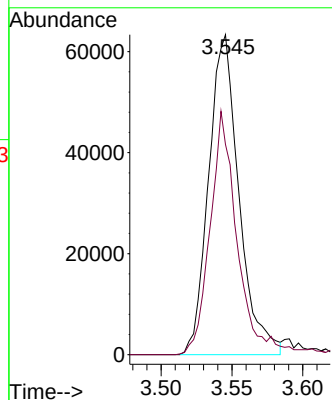
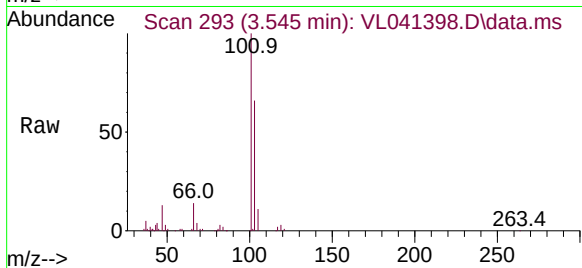
ClientSampleId :

Tgt Ion:101 Resp: 94267

Ion Ratio Lower Upper

101 100

103 65.4 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.496 ppbv

RT: 4.050 min Scan# 450

Delta R.T. 0.003 min

Lab File: VL041398.D

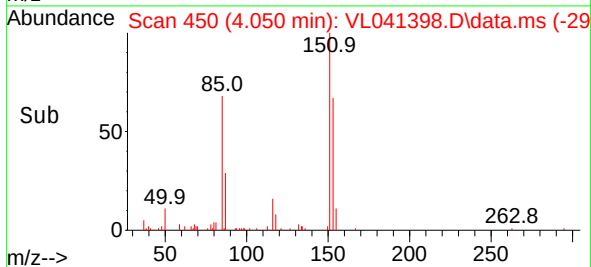
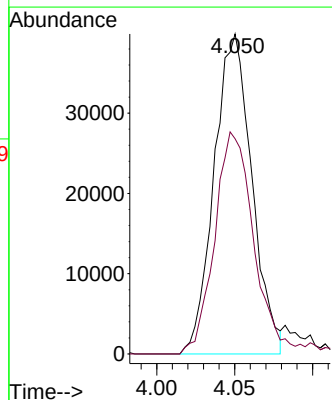
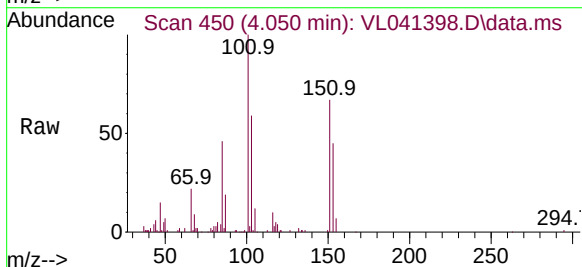
Acq: 25 Jul 2024 13:19

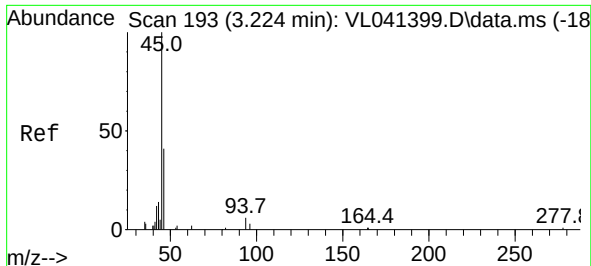
Tgt Ion:101 Resp: 67103

Ion Ratio Lower Upper

101 100

151 74.7 59.4 89.2





#13

Ethanol

Concen: 0.085 ppbv

RT: 3.237 min Scan# 193

Delta R.T. 0.013 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

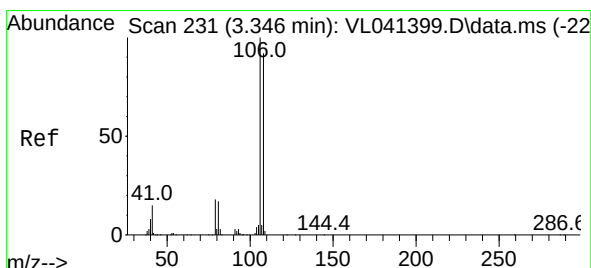
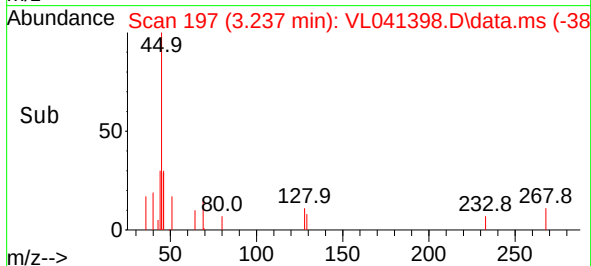
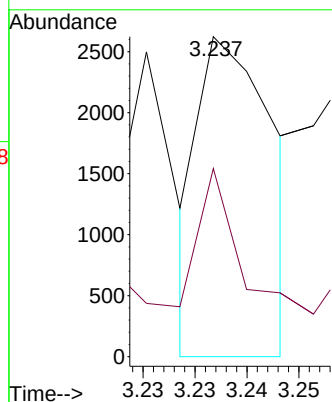
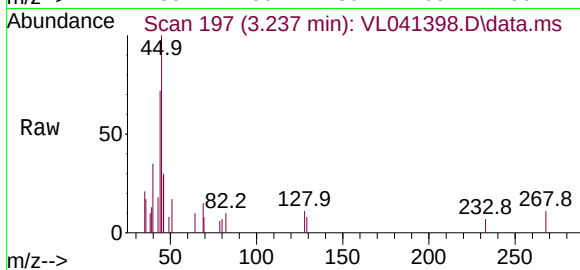
ClientSampleId :

Tgt Ion: 45 Resp: 1307

Ion Ratio Lower Upper

45 100

46 155.4 13.4 53.4#



#14

Bromoethene

Concen: 0.447 ppbv

RT: 3.346 min Scan# 231

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

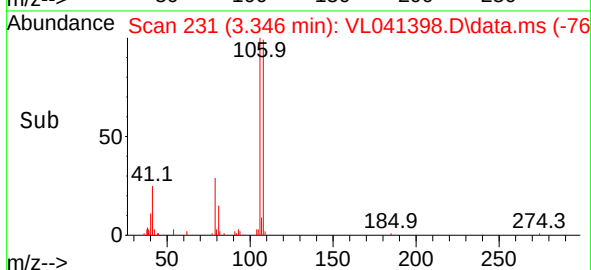
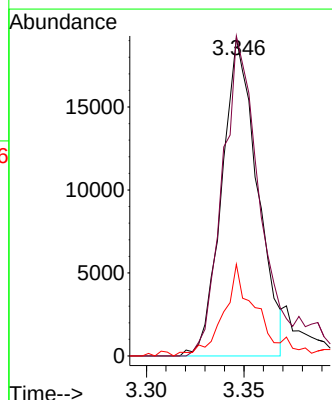
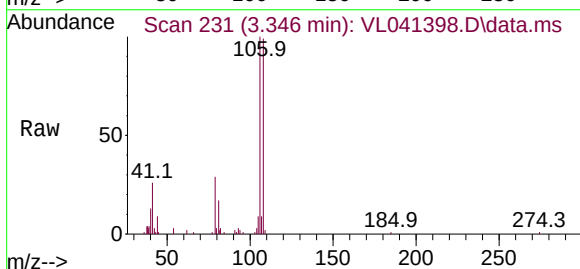
Tgt Ion:108 Resp: 24275

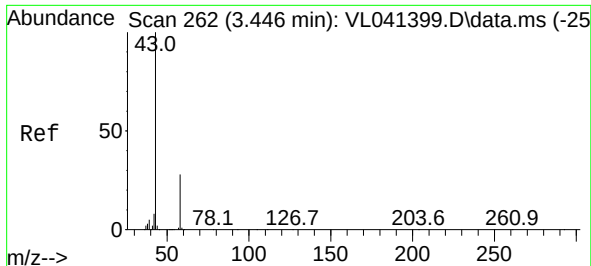
Ion Ratio Lower Upper

108 100

106 117.2 86.9 130.3

79 29.8 16.2 24.4#

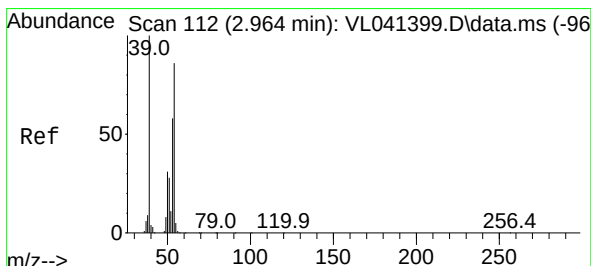
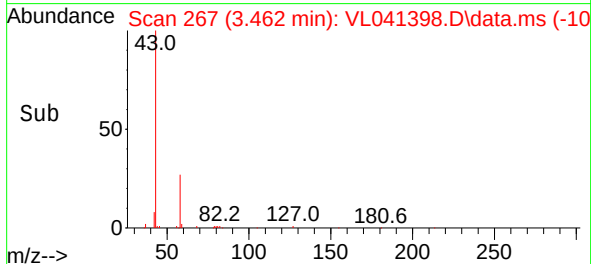
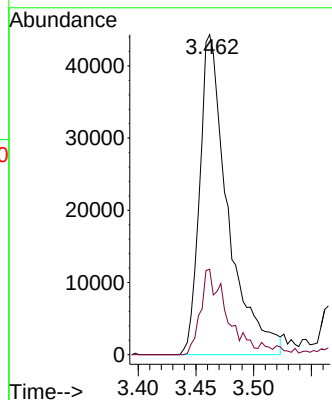
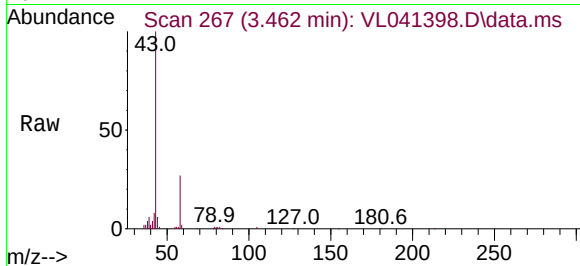




#15
Acetone
Concen: 0.489 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

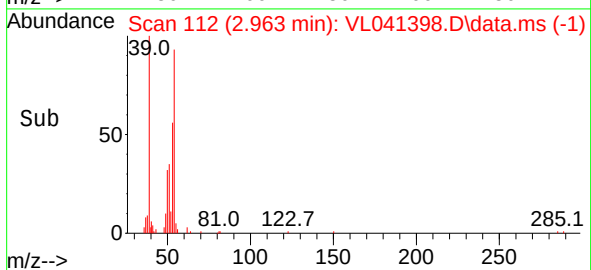
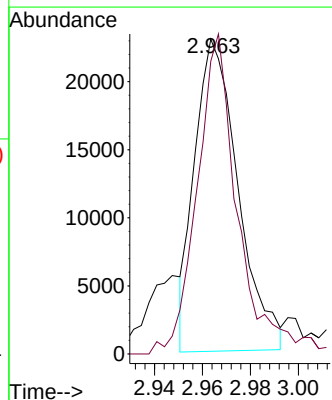
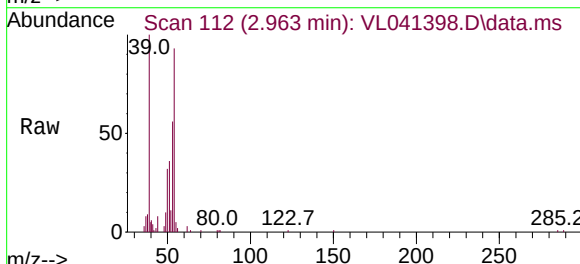
Instrument :
MSVOA_L
ClientSampleId :

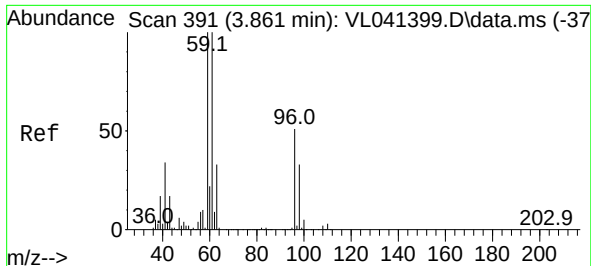
Tgt Ion: 43 Resp: 75165
Ion Ratio Lower Upper
43 100
58 27.1 21.4 32.2



#16
1,3-Butadiene
Concen: 0.394 ppbv
RT: 2.963 min Scan# 112
Delta R.T. -0.000 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 39 Resp: 28791
Ion Ratio Lower Upper
39 100
54 97.7 62.5 93.7#





#17

tert-Butyl alcohol

Concen: 0.506 ppbv

RT: 3.870 min Scan# 391

Delta R.T. 0.010 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

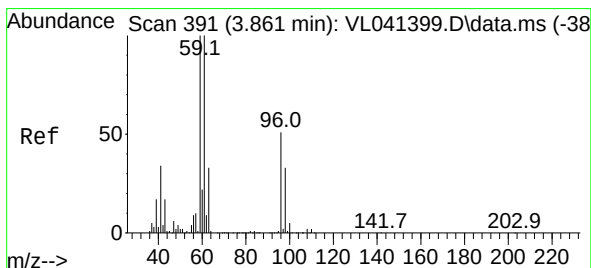
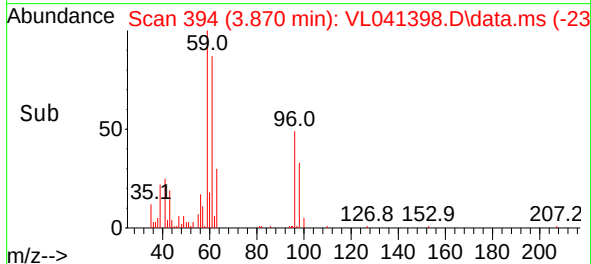
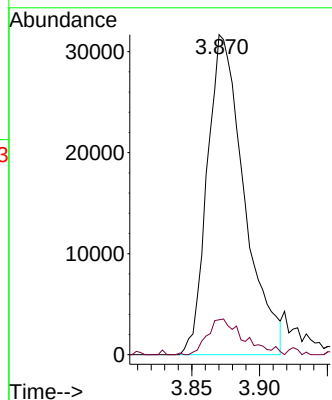
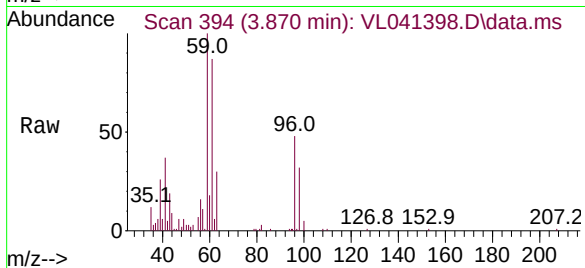
ClientSampleId :

Tgt Ion: 59 Resp: 59997

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#18

1,1-Dichloroethene

Concen: 0.449 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

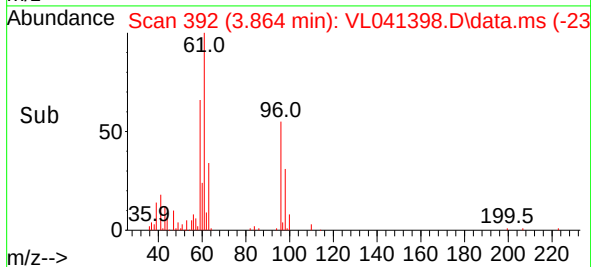
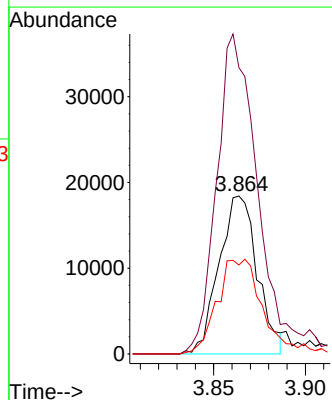
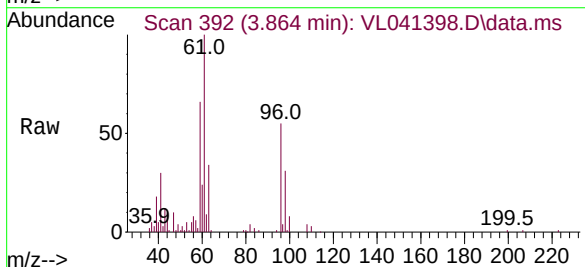
Tgt Ion: 96 Resp: 26744

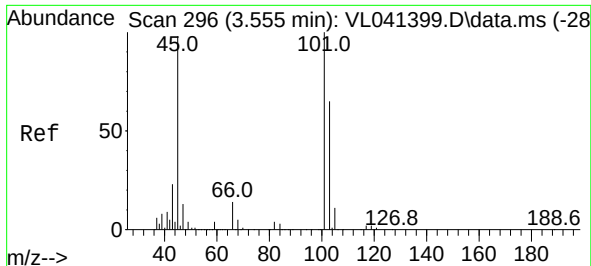
Ion Ratio Lower Upper

96 100

61 181.4 157.5 236.3

98 56.3 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.426 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.013 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

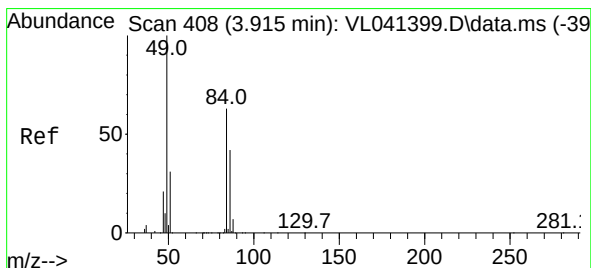
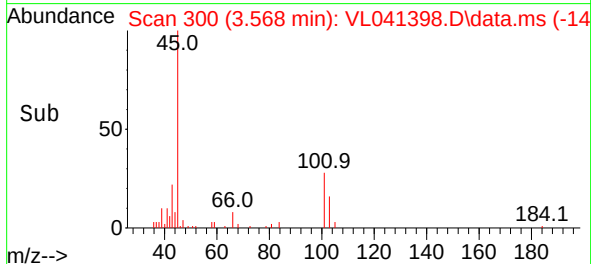
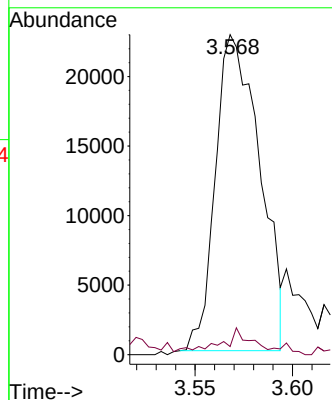
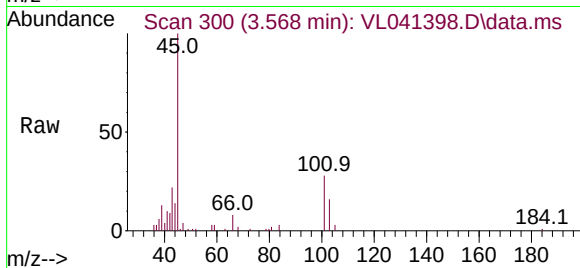
ClientSampleId :

Tgt Ion: 45 Resp: 35926

Ion Ratio Lower Upper

45 100

58 6.1 1.9 2.9#



#20

Methylene Chloride

Concen: 0.523 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Tgt Ion: 84 Resp: 29173

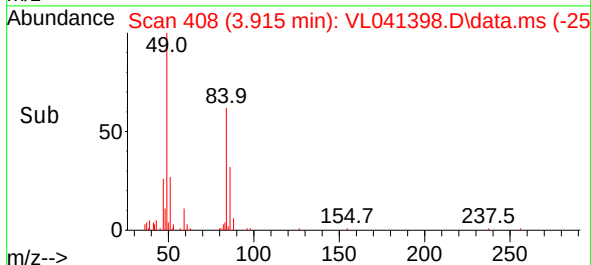
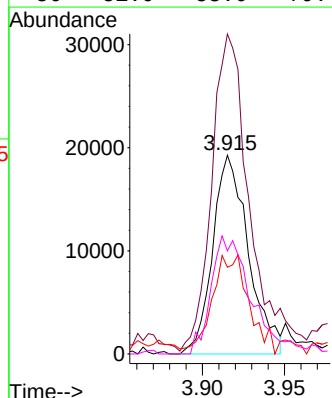
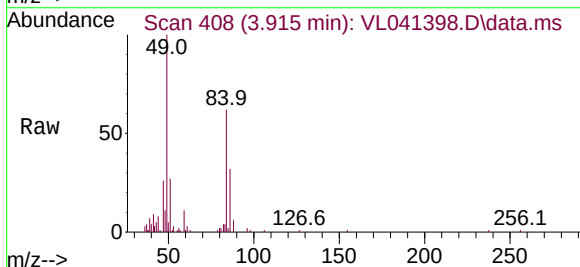
Ion Ratio Lower Upper

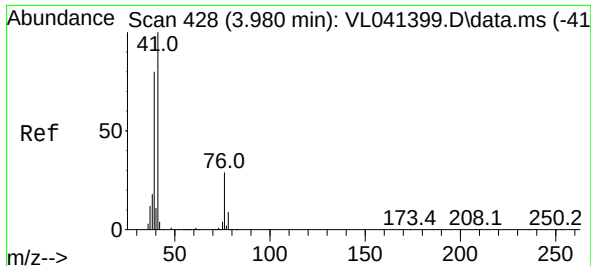
84 100

49 159.6 126.6 190.0

51 41.0 38.6 58.0

86 51.9 53.0 79.4#

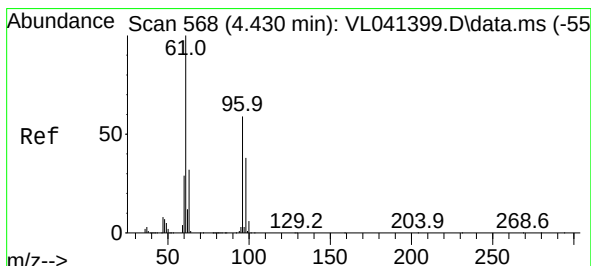
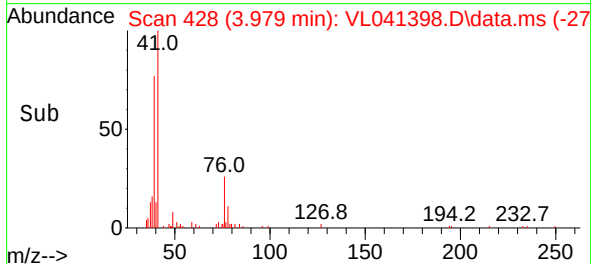
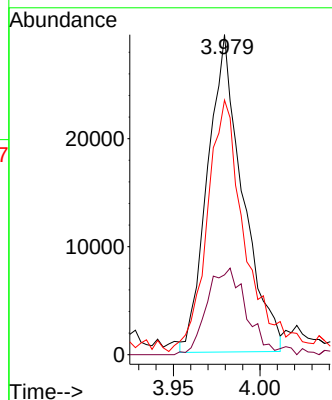
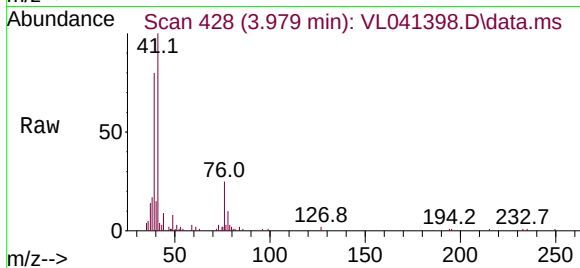




#21
 Allyl Chloride
 Concen: 0.448 ppbv
 RT: 3.979 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041398.D
 Acq: 25 Jul 2024 13:19

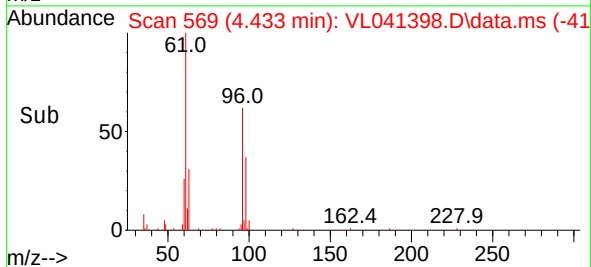
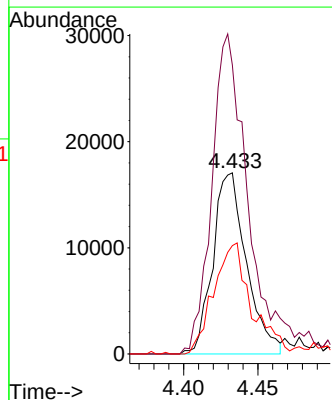
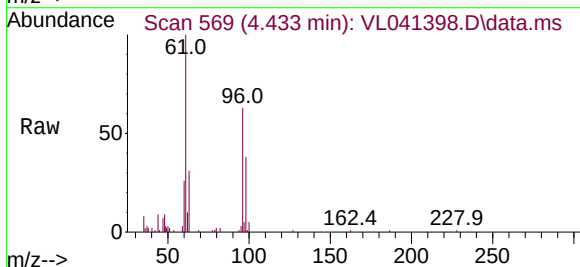
Instrument :
 MSVOA_L
 ClientSampleId :

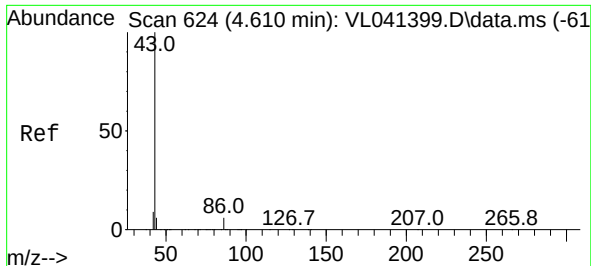
Tgt Ion:	41	Resp:	41531
Ion	Ratio	Lower	Upper
41	100		
76	32.8	23.7	35.5
39	85.2	64.3	96.5



#22
 trans-1,2-Dichloroethene
 Concen: 0.454 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.003 min
 Lab File: VL041398.D
 Acq: 25 Jul 2024 13:19

Tgt Ion:	96	Resp:	26864
Ion	Ratio	Lower	Upper
96	100		
61	159.5	135.4	203.2
98	59.8	51.0	76.4



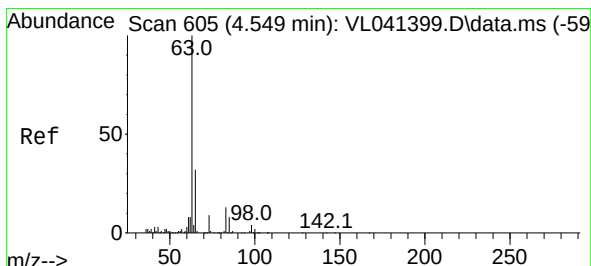
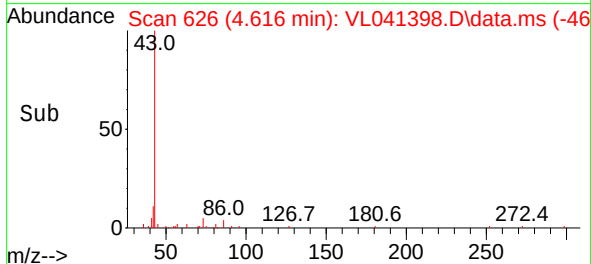
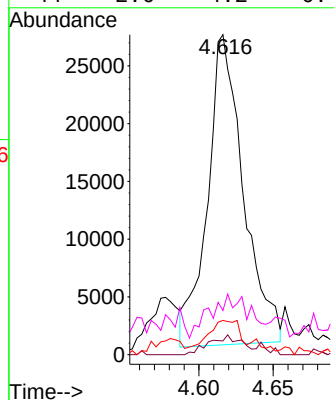
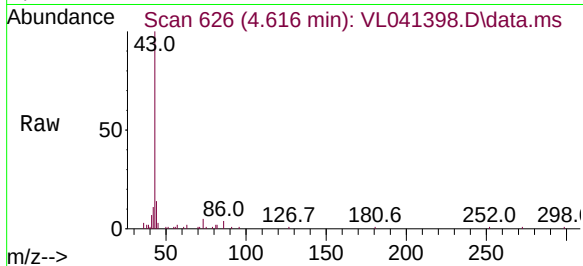


#23
 Vinyl Acetate
 Concen: 0.299 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041398.D
 Acq: 25 Jul 2024 13:19

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 45209

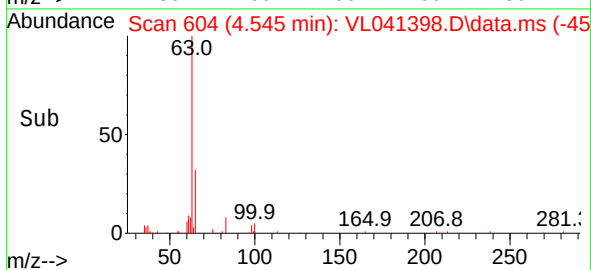
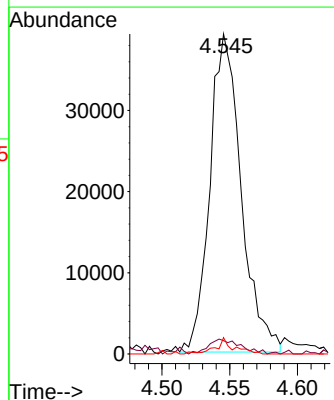
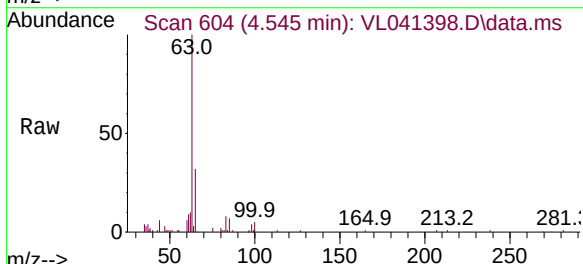
Ion	Ratio	Lower	Upper
43	100		
86	4.7	4.6	6.8
42	10.1	7.9	11.9
44	2.6	4.2	6.4

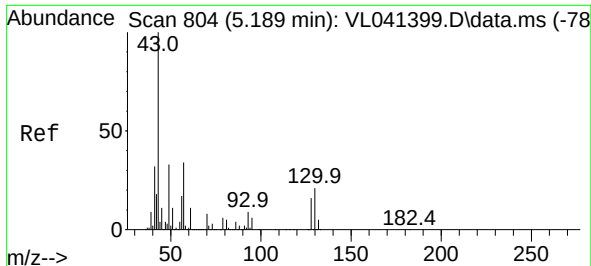


#24
 1,1-Dichloroethane
 Concen: 0.480 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL041398.D
 Acq: 25 Jul 2024 13:19

Tgt Ion: 63 Resp: 62999

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	6.0
100	5.1	1.2	3.6





#25

Ethyl Acetate

Concen: 0.448 ppbv

RT: 5.195 min Scan# 80

Delta R.T. 0.006 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 126641

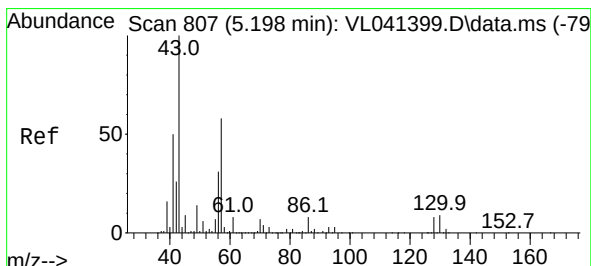
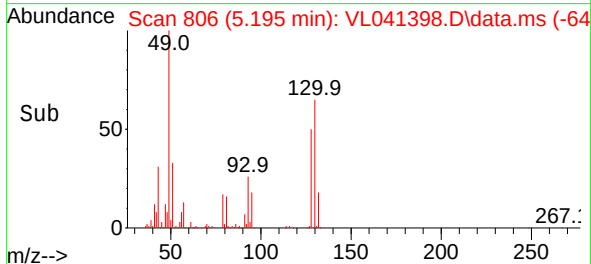
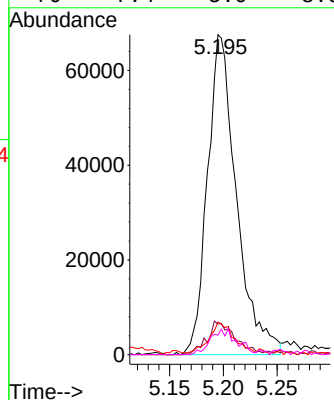
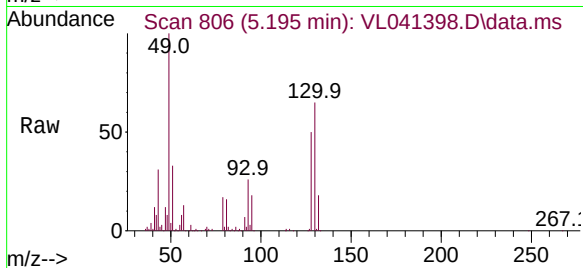
Ion Ratio Lower Upper

43 100

45 10.3 8.5 12.7

61 10.3 8.0 12.0

70 7.4 5.9 8.9



#26

Hexane

Concen: 0.417 ppbv

RT: 5.192 min Scan# 805

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Tgt Ion: 57 Resp: 52190

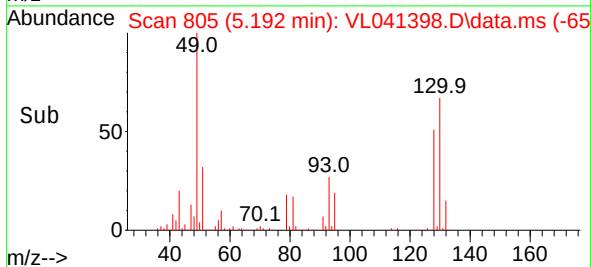
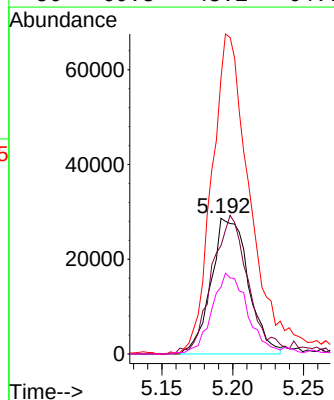
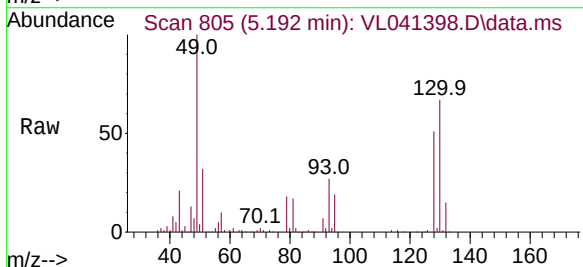
Ion Ratio Lower Upper

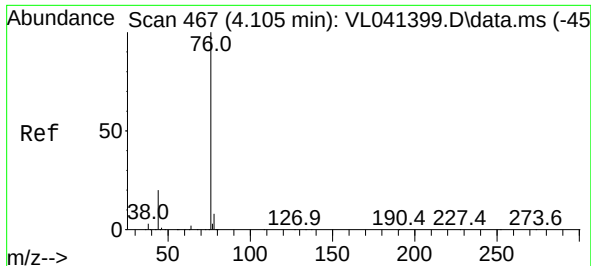
57 100

41 106.1 74.0 111.0

43 253.1 193.6 290.4

56 60.3 43.1 64.7





#27

Carbon Disulfide

Concen: 0.402 ppbv

RT: 4.111 min Scan# 4

Delta R.T. 0.006 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

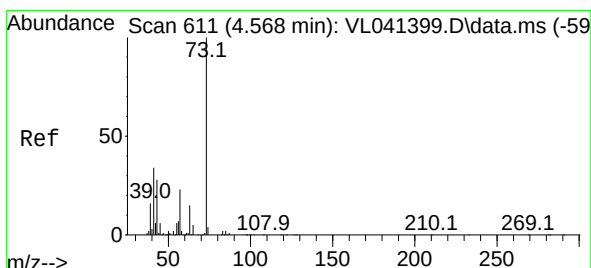
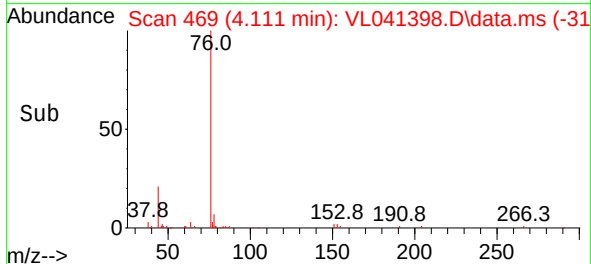
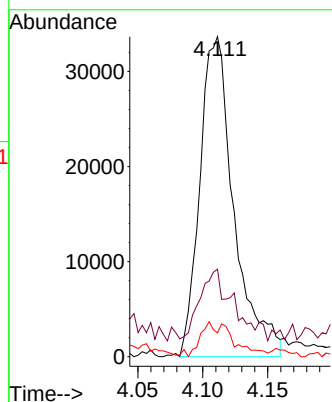
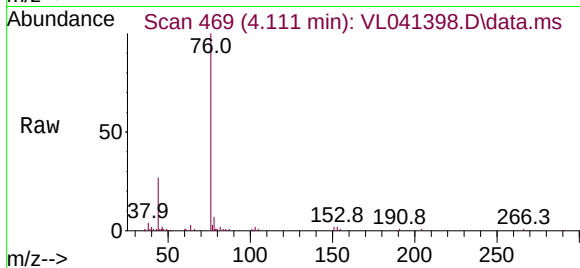
Tgt Ion: 76 Resp: 61342

Ion Ratio Lower Upper

76 100

44 22.4 15.6 23.4

78 12.2 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.354 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.013 min

Lab File: VL041398.D

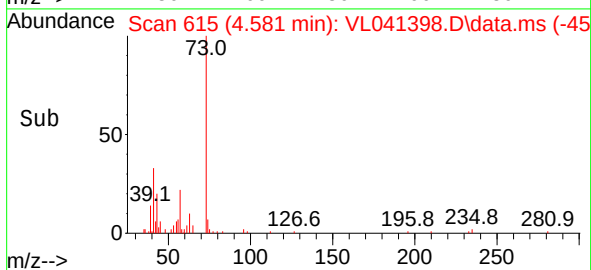
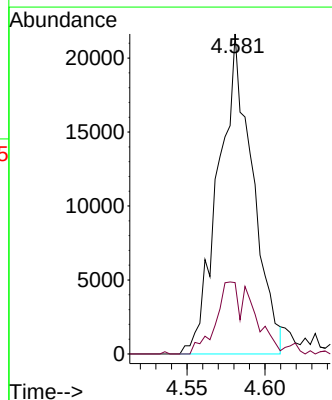
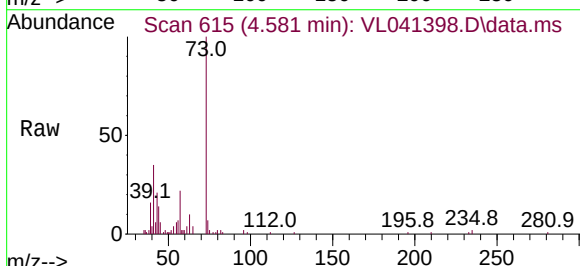
Acq: 25 Jul 2024 13:19

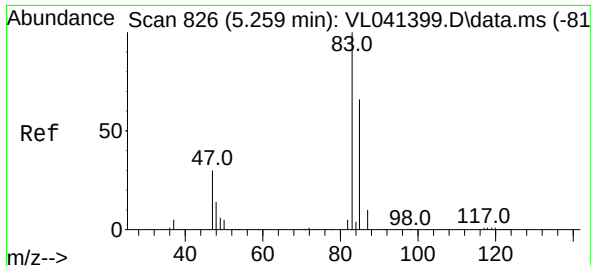
Tgt Ion: 73 Resp: 32882

Ion Ratio Lower Upper

73 100

57 26.1 18.9 28.3





#29

Chloroform

Concen: 0.468 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

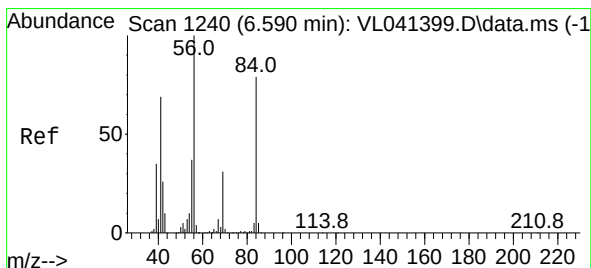
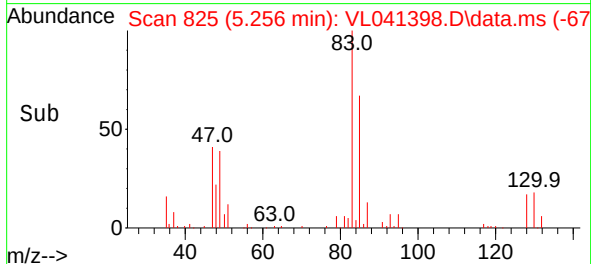
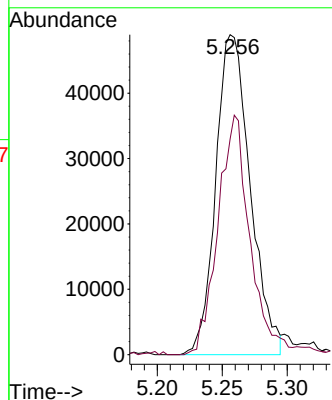
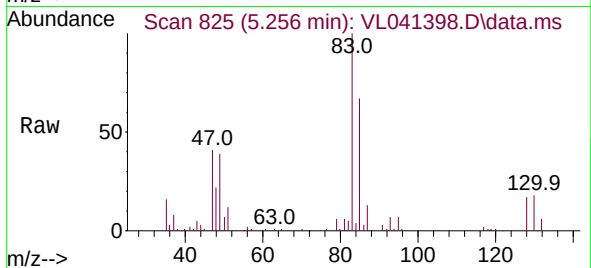
ClientSampleId :

Tgt Ion: 83 Resp: 90359

Ion Ratio Lower Upper

83 100

85 67.4 53.1 79.7



#30

Cyclohexane

Concen: 0.351 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

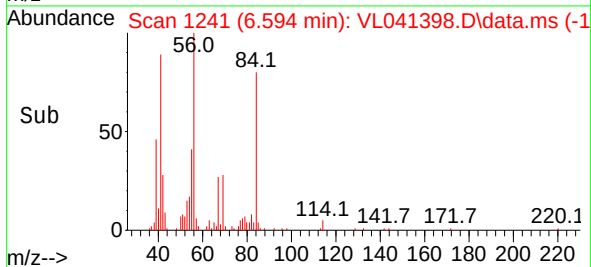
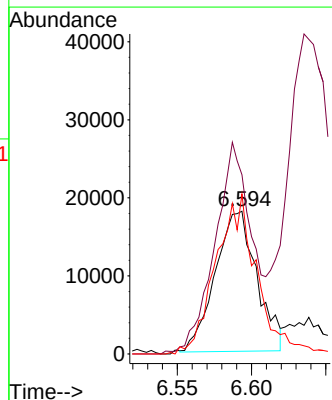
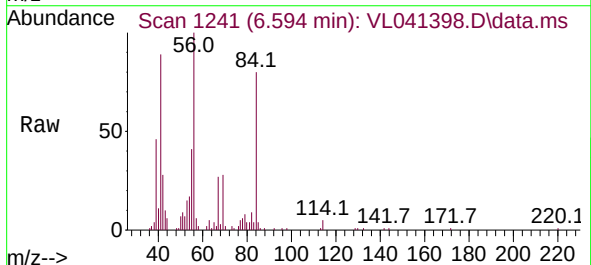
Tgt Ion: 84 Resp: 35035

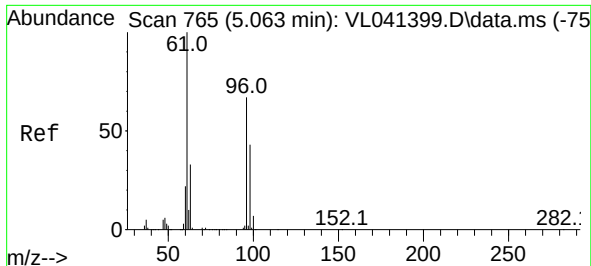
Ion Ratio Lower Upper

84 100

56 135.0 111.2 166.8

41 113.1 70.3 105.5#





#31

cis-1,2-Dichloroethene

Concen: 0.426 ppbv

RT: 5.063 min Scan# 765

Delta R.T. -0.000 min

Lab File: VL041398.D

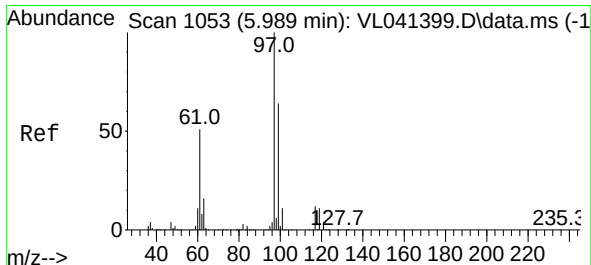
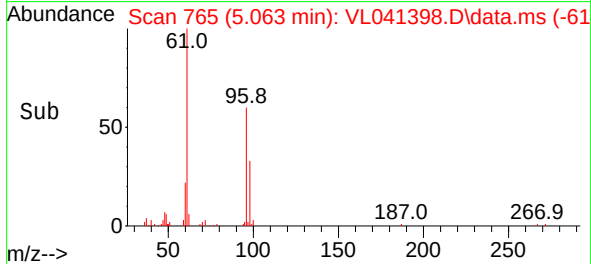
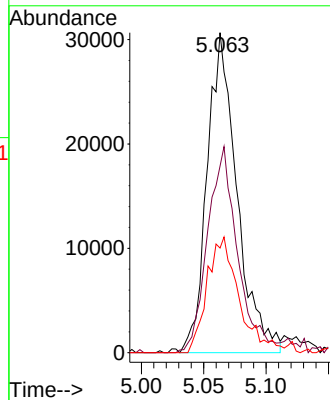
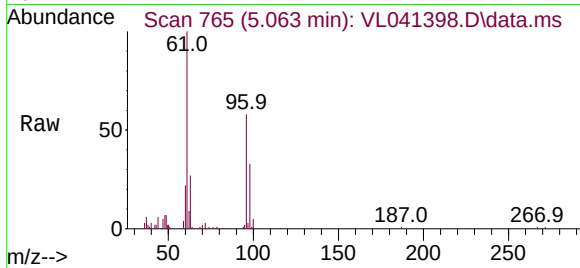
Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	61	Resp:	51136
Ion	Ratio	Lower	Upper
61	100		
96	57.5	53.4	80.2
98	32.7	34.4	51.6#



#32

1,1,1-Trichloroethane

Concen: 0.430 ppbv

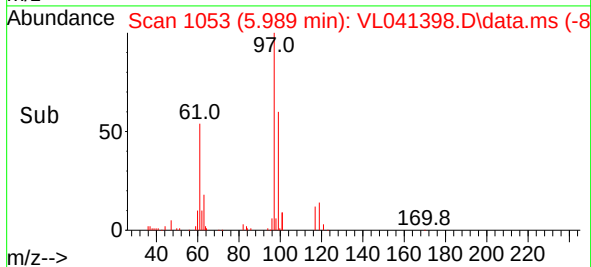
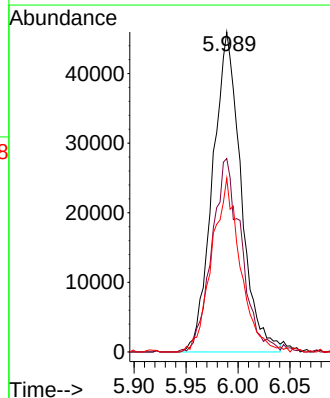
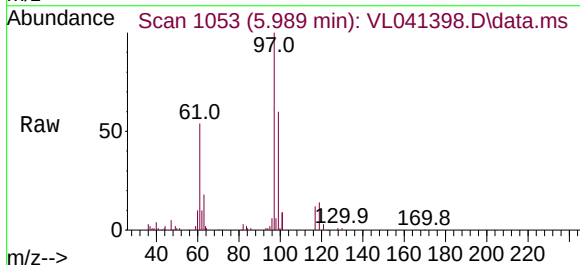
RT: 5.989 min Scan# 1053

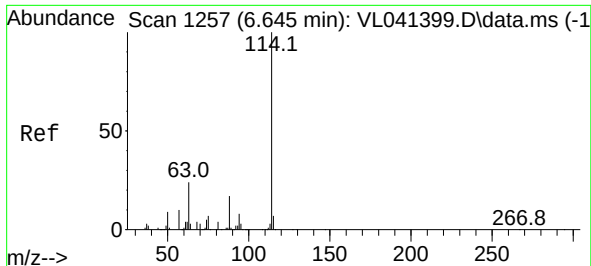
Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Tgt Ion:	97	Resp:	87155
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.0	78.0
61	54.9	41.8	62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

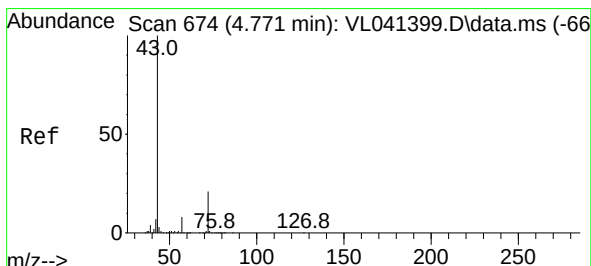
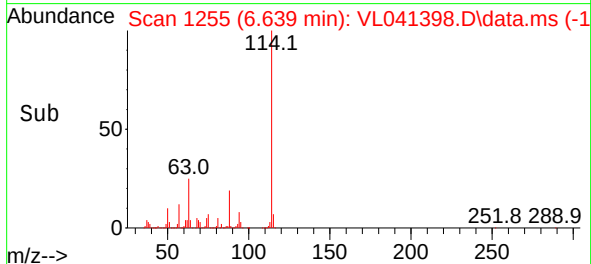
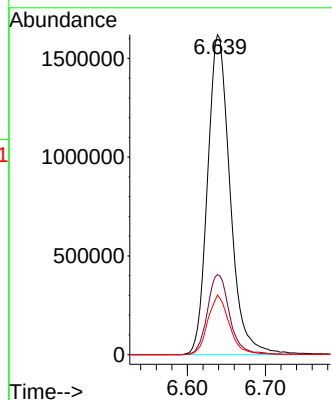
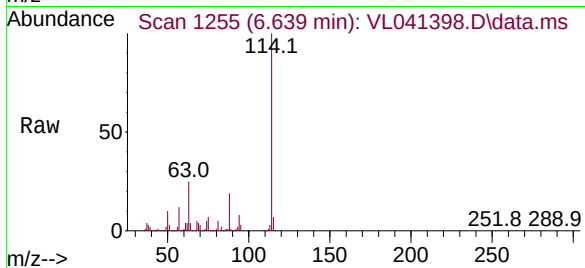
Tgt Ion:114 Resp: 3245422

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.387 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.016 min

Lab File: VL041398.D

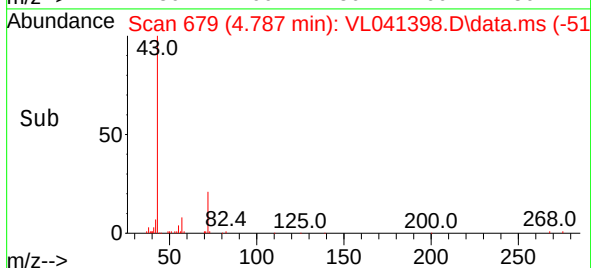
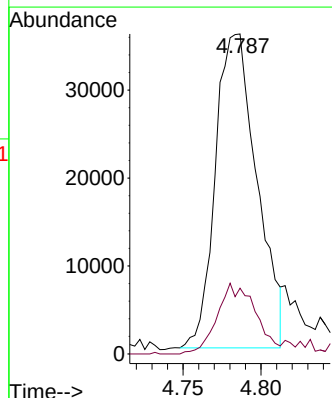
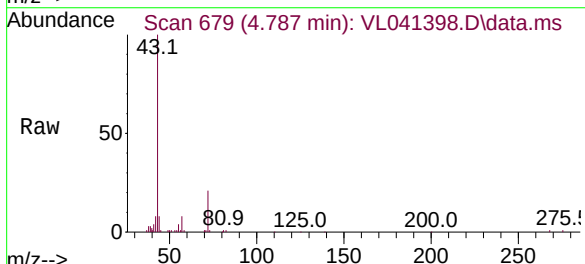
Acq: 25 Jul 2024 13:19

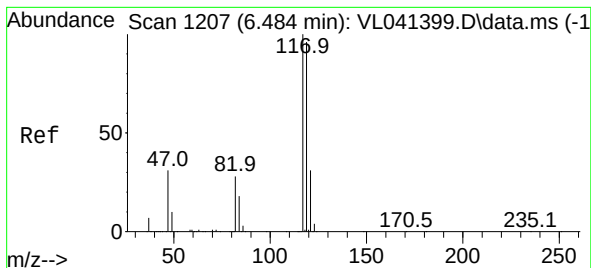
Tgt Ion: 43 Resp: 66193

Ion Ratio Lower Upper

43 100

72 24.7 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.411 ppbv

RT: 6.478 min Scan# 1167

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

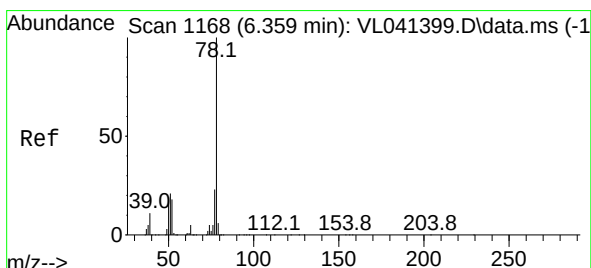
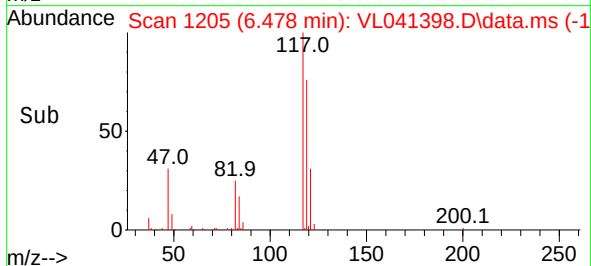
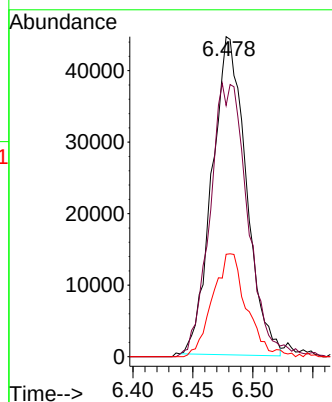
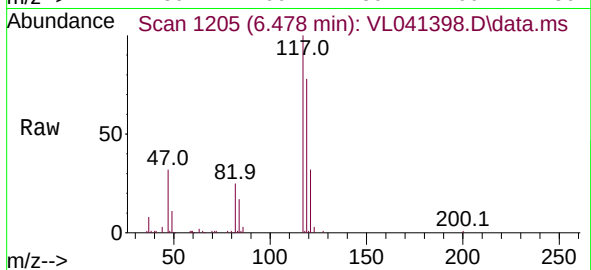
Tgt Ion:117 Resp: 88027

Ion Ratio Lower Upper

117 100

119 78.4 76.6 115.0

121 32.3 25.1 37.7



#36

Benzene

Concen: 0.417 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

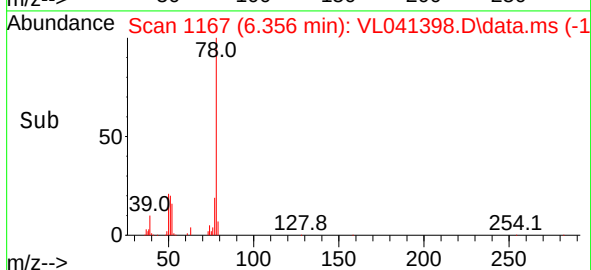
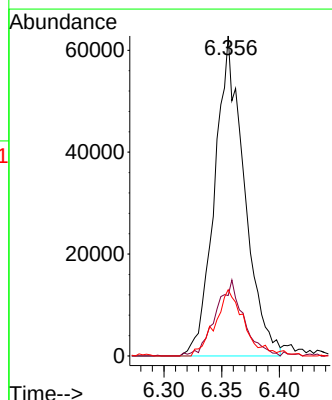
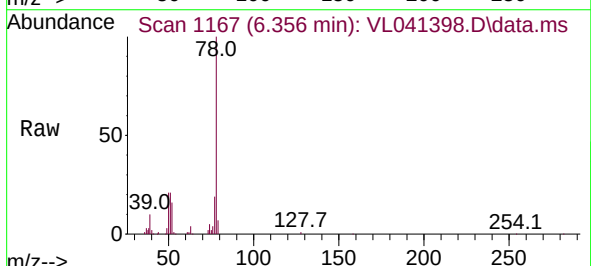
Tgt Ion: 78 Resp: 112067

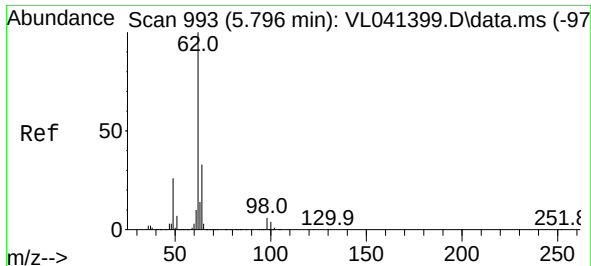
Ion Ratio Lower Upper

78 100

77 18.9 18.1 27.1

50 20.7 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.434 ppbv

RT: 5.793 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

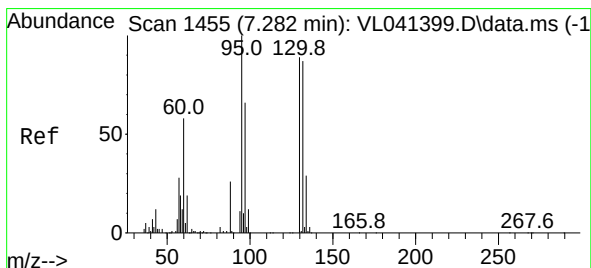
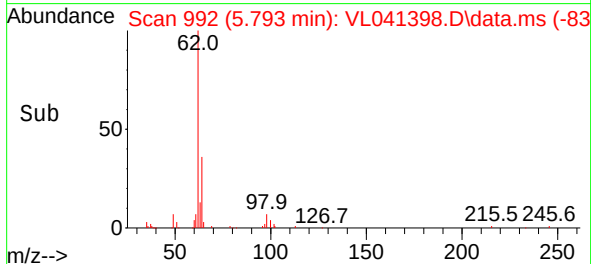
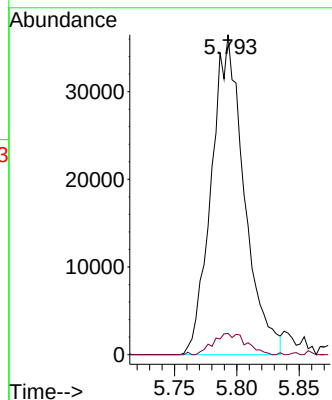
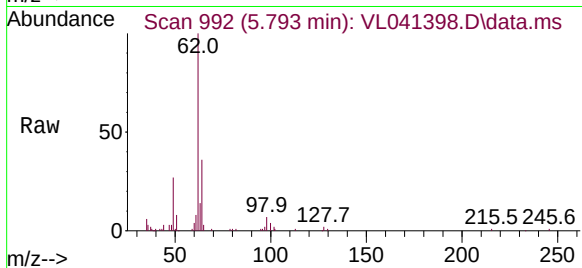
ClientSampleId :

Tgt Ion: 62 Resp: 66949

Ion Ratio Lower Upper

62 100

98 6.8 5.0 7.4



#38

Trichloroethene

Concen: 0.451 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Tgt Ion:130 Resp: 52825

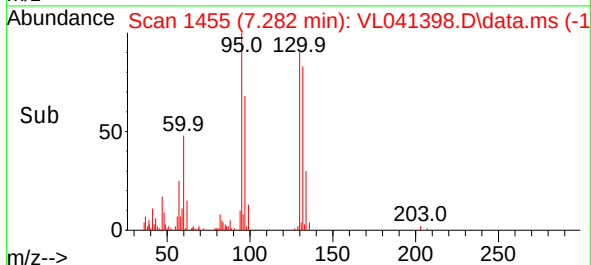
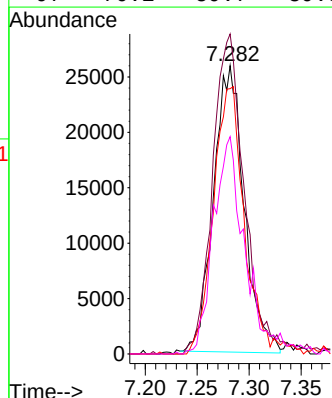
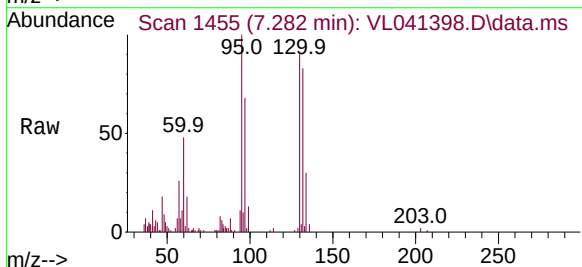
Ion Ratio Lower Upper

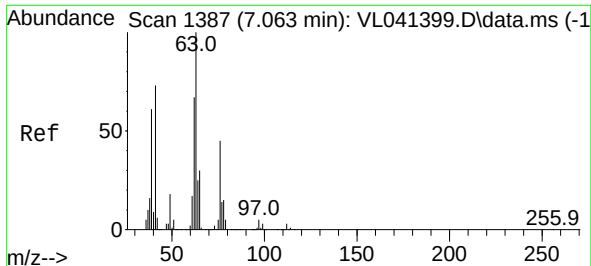
130 100

95 112.1 90.2 135.2

132 92.9 78.1 117.1

97 76.2 59.7 89.5

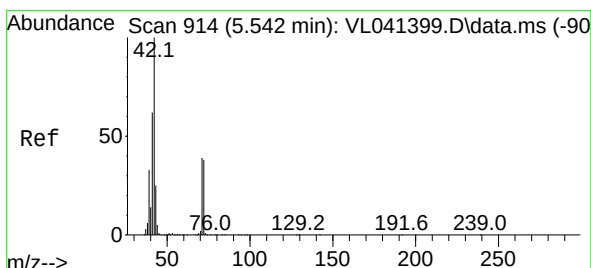
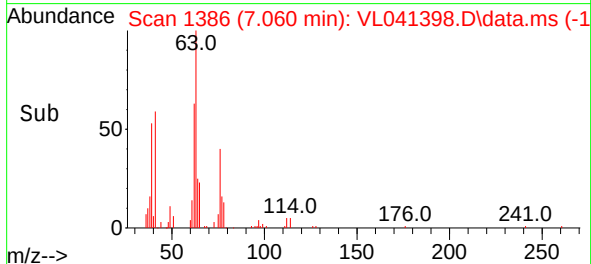
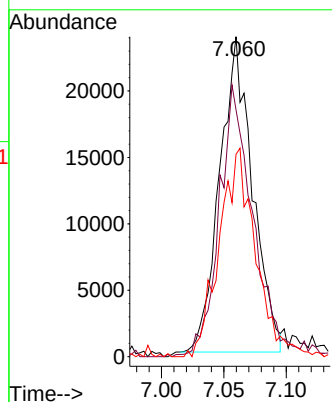
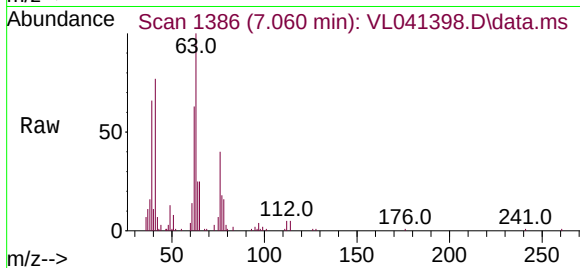




#39
1,2-Dichloropropane
Concen: 0.418 ppbv
RT: 7.060 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

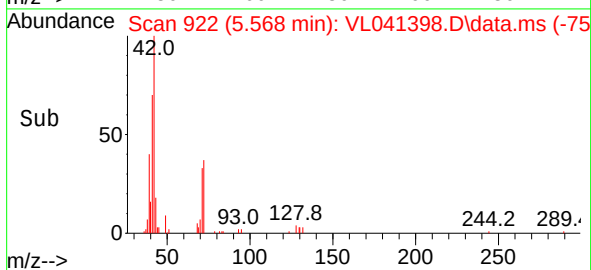
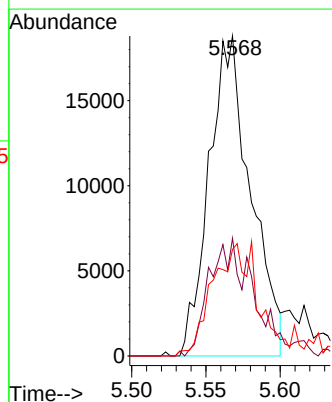
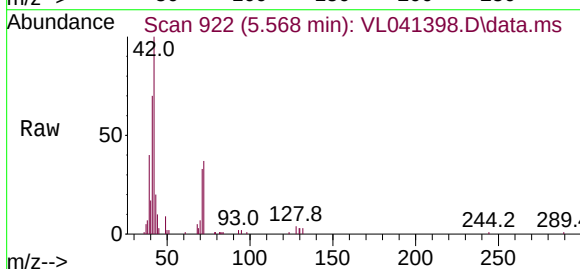
Instrument :
MSVOA_L
ClientSampleId :

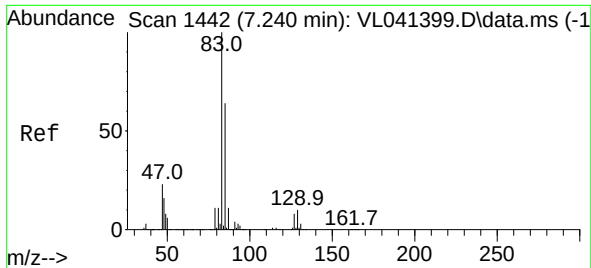
Tgt Ion: 63 Resp: 43368
Ion Ratio Lower Upper
63 100
41 77.6 58.3 87.5
62 64.2 53.9 80.9



#41
Tetrahydrofuran
Concen: 0.346 ppbv
RT: 5.568 min Scan# 922
Delta R.T. 0.026 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 42 Resp: 36699
Ion Ratio Lower Upper
42 100
72 40.4 31.2 46.8
71 39.3 30.5 45.7

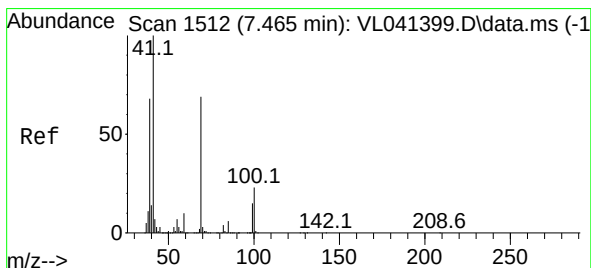
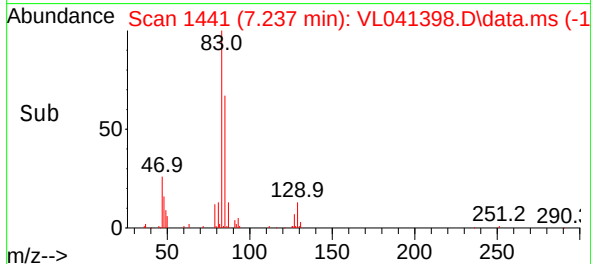
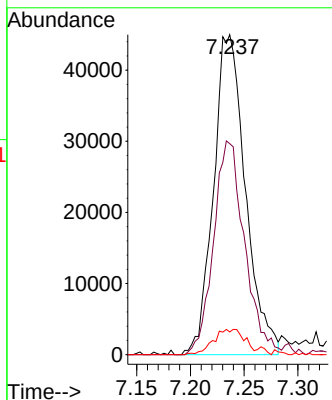
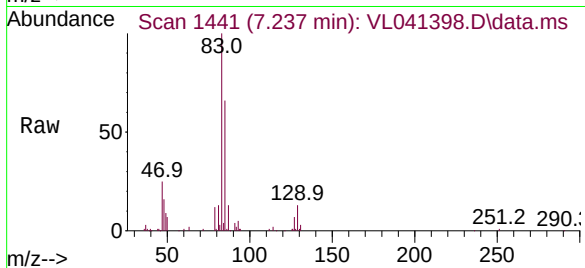




#42
Bromodichloromethane
Concen: 0.431 ppbv
RT: 7.237 min Scan# 1442
Delta R.T. -0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

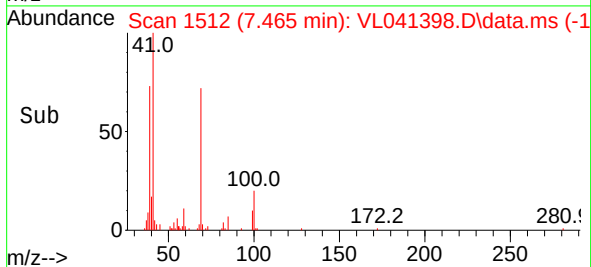
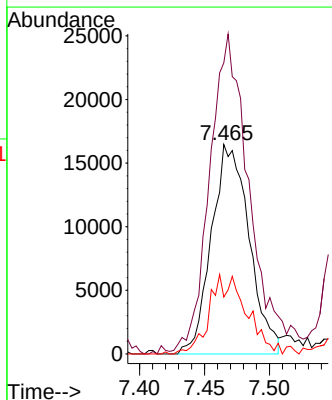
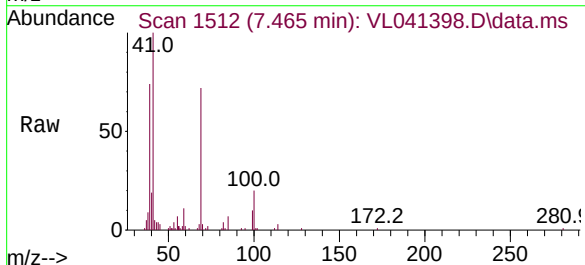
Instrument :
MSVOA_L
ClientSampleId :

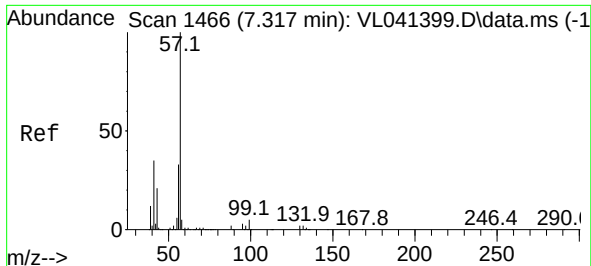
Tgt Ion: 83 Resp: 92906
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.0
127 7.1 6.7 10.1



#43
Methyl Methacrylate
Concen: 0.330 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 69 Resp: 33258
Ion Ratio Lower Upper
69 100
41 160.5 118.7 178.1
100 37.9 27.0 40.4





#44

2,2,4-Trimethylpentane

Concen: 0.415 ppbv

RT: 7.314 min Scan# 1466

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

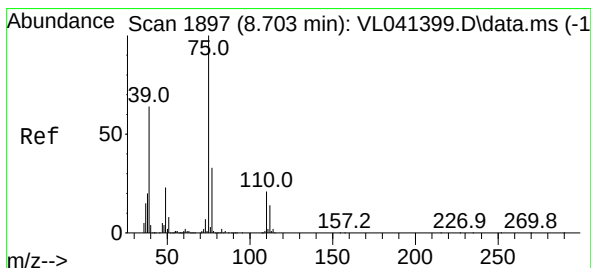
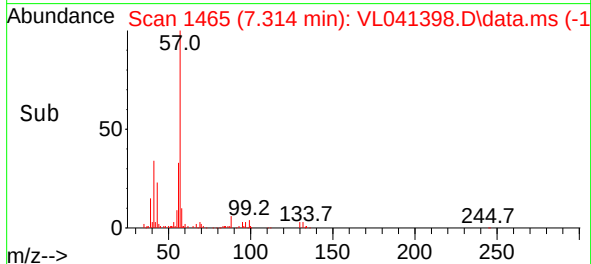
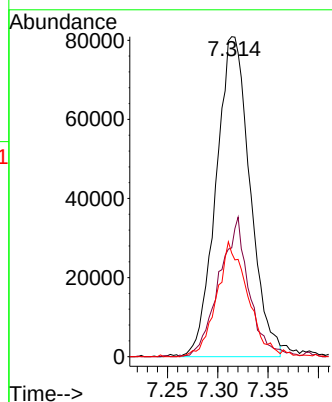
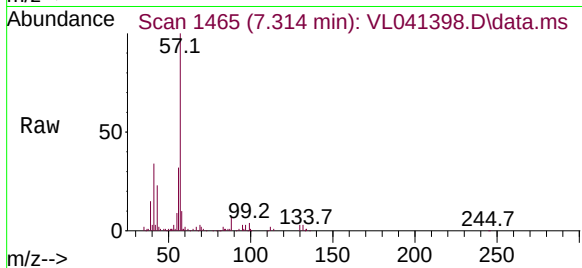
Tgt Ion: 57 Resp: 189569

Ion Ratio Lower Upper

57 100

41 38.9 27.0 40.6

56 33.6 25.2 37.8



#45

t-1,3-Dichloropropene

Concen: 0.265 ppbv

RT: 8.700 min Scan# 1896

Delta R.T. -0.003 min

Lab File: VL041398.D

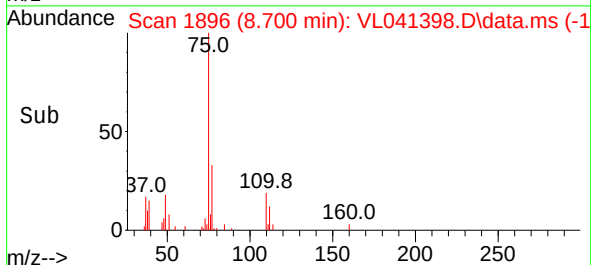
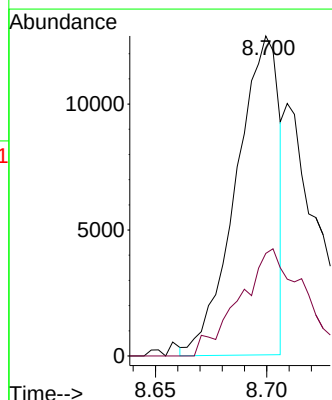
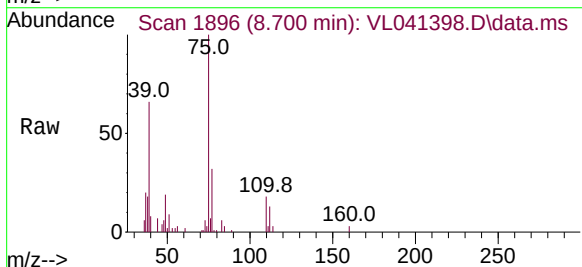
Acq: 25 Jul 2024 13:19

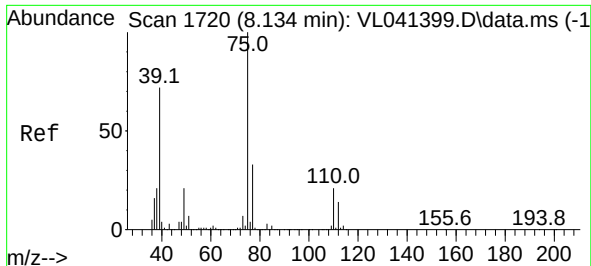
Tgt Ion: 75 Resp: 16953

Ion Ratio Lower Upper

75 100

77 32.1 26.5 39.7





#46

cis-1,3-Dichloropropene

Concen: 0.356 ppbv

RT: 8.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

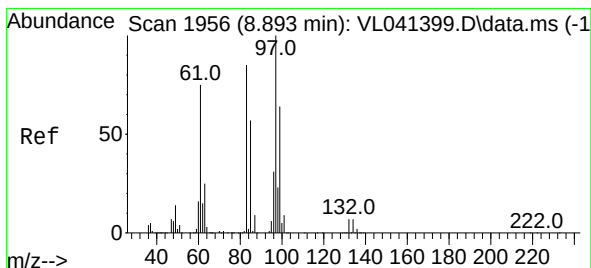
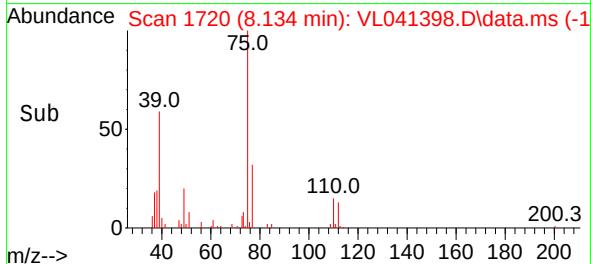
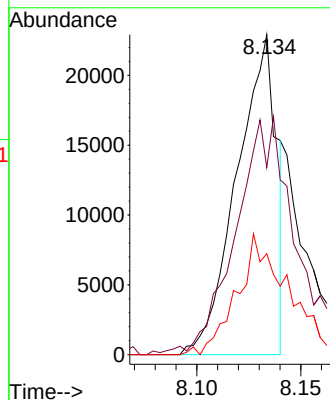
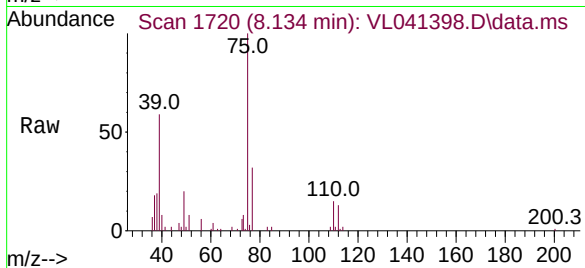
Tgt Ion: 75 Resp: 30554

Ion Ratio Lower Upper

75 100

39 55.8 57.3 85.9#

77 31.5 26.2 39.2



#47

1,1,2-Trichloroethane

Concen: 0.451 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Tgt Ion: 97 Resp: 50232

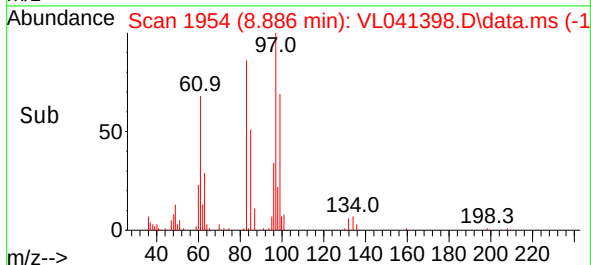
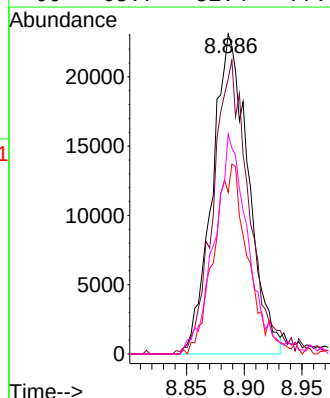
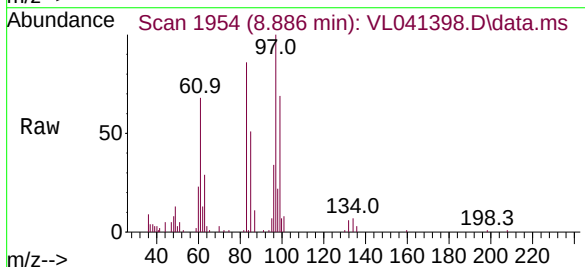
Ion Ratio Lower Upper

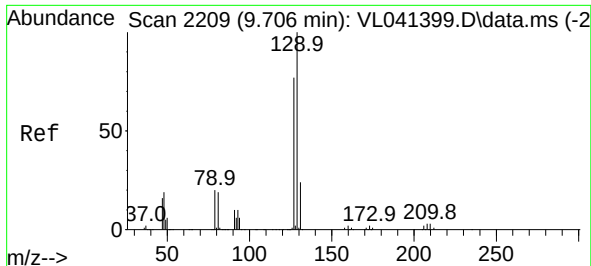
97 100

83 85.3 67.6 101.4

85 50.5 45.9 68.9

99 68.7 51.4 77.0





#48

Dibromochloromethane

Concen: 0.405 ppbv

RT: 9.700 min Scan# 2209

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

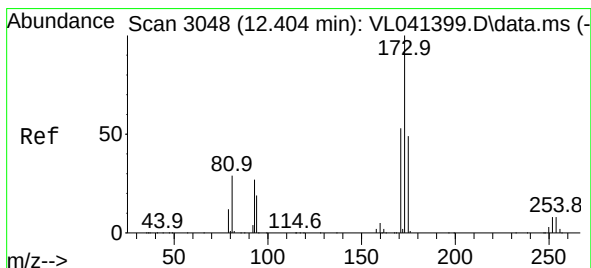
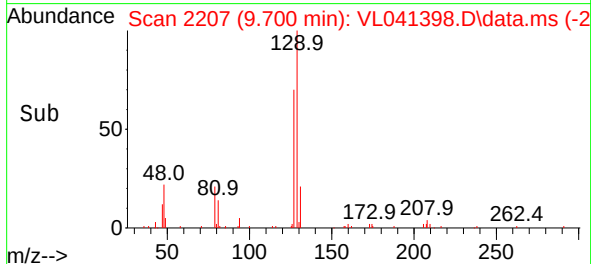
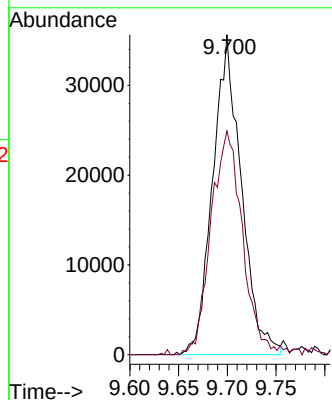
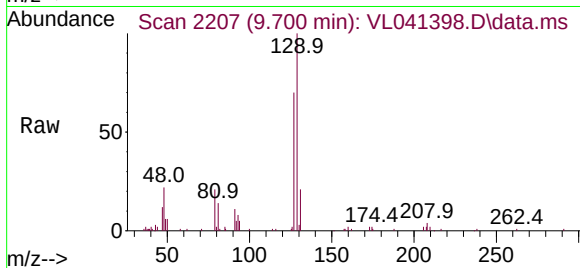
ClientSampleId :

Tgt Ion:129 Resp: 72480

Ion Ratio Lower Upper

129 100

127 78.2 39.3 117.8



#49

Bromoform

Concen: 0.403 ppbv

RT: 12.400 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

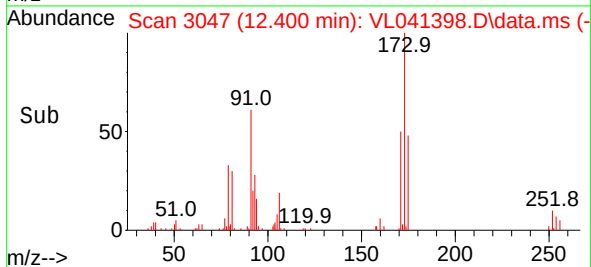
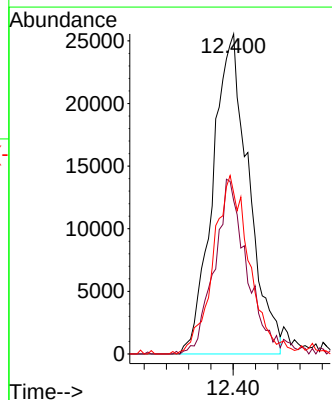
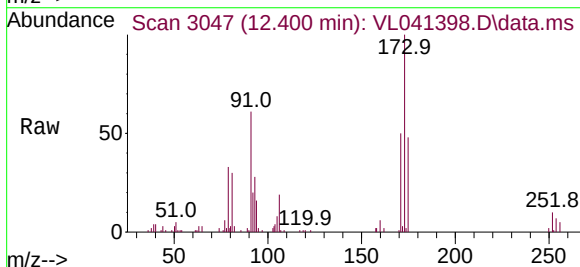
Tgt Ion:173 Resp: 57383

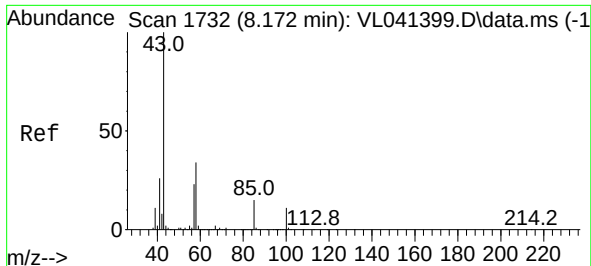
Ion Ratio Lower Upper

173 100

175 51.8 39.9 59.9

171 56.8 41.7 62.5





#50

4-Methyl-2-Pentanone

Concen: 0.182 ppbv

RT: 8.185 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

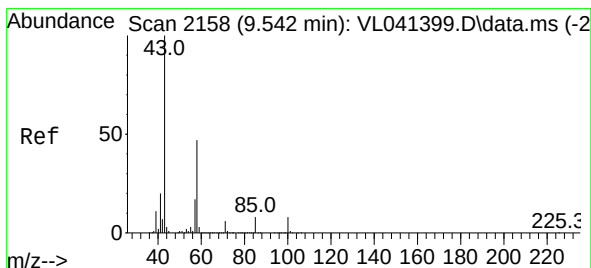
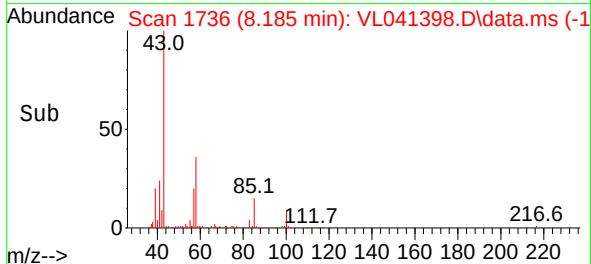
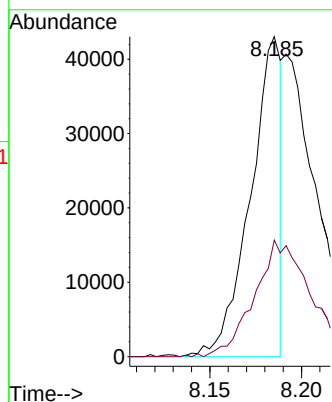
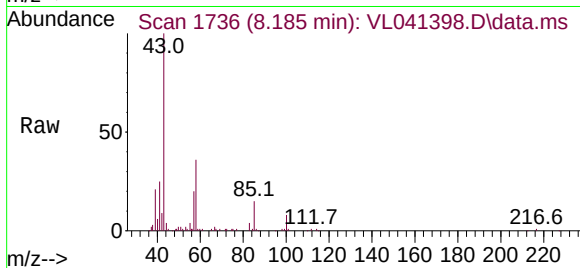
ClientSampleId :

Tgt Ion: 43 Resp: 50061

Ion Ratio Lower Upper

43 100

58 74.6 27.9 41.9#



#51

2-Hexanone

Concen: 0.331 ppbv

RT: 9.558 min Scan# 2163

Delta R.T. 0.016 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

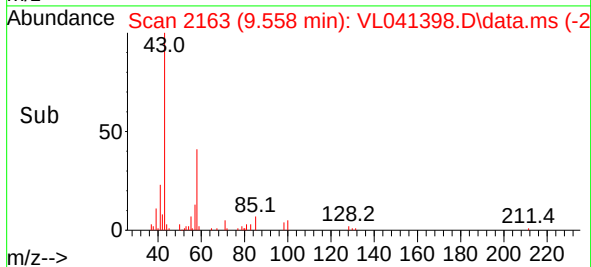
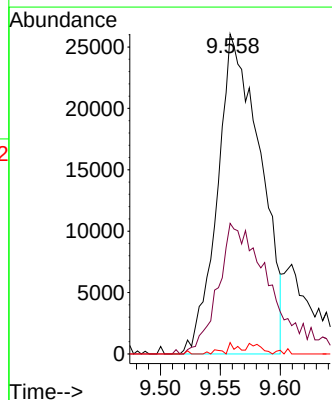
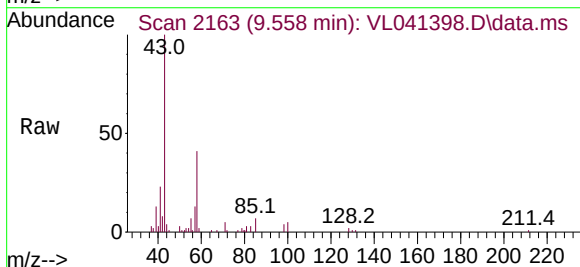
Tgt Ion: 43 Resp: 64659

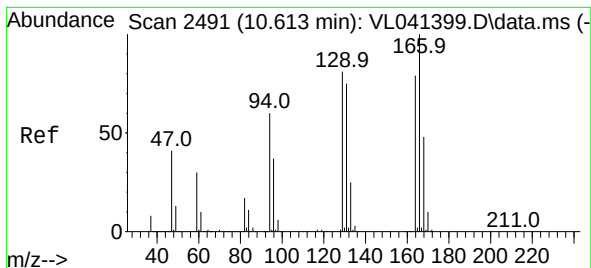
Ion Ratio Lower Upper

43 100

58 49.8 38.2 57.2

98 2.2 0.3 0.5#





#52

Tetrachloroethene

Concen: 0.413 ppbv

RT: 10.600 min Scan# 2491

Delta R.T. -0.013 min

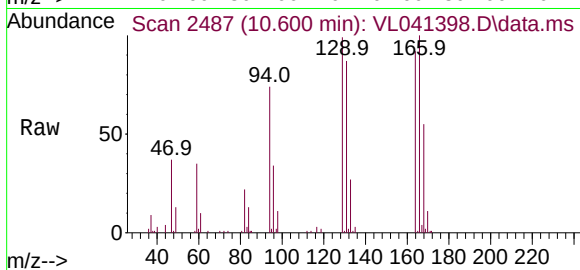
Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 44583

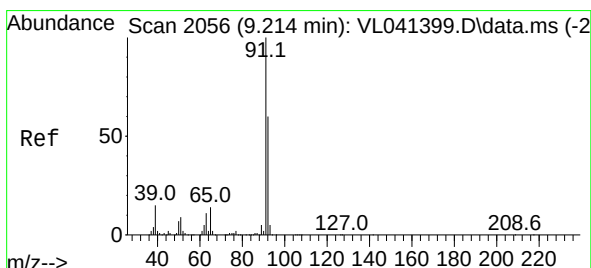
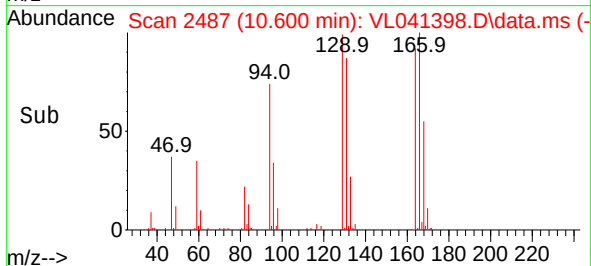
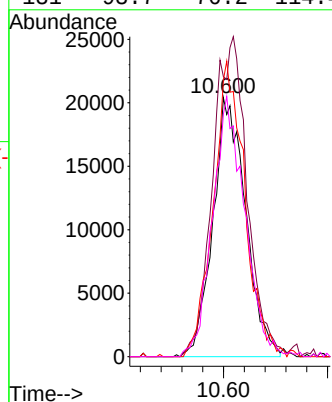
Ion Ratio Lower Upper

164 100

166 108.2 101.1 151.7

129 106.9 81.7 122.5

131 93.7 76.2 114.4



#53

Toluene

Concen: 0.363 ppbv

RT: 9.211 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VL041398.D

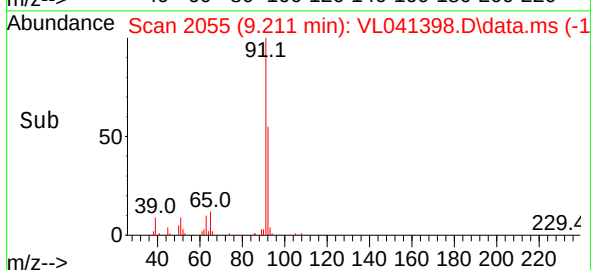
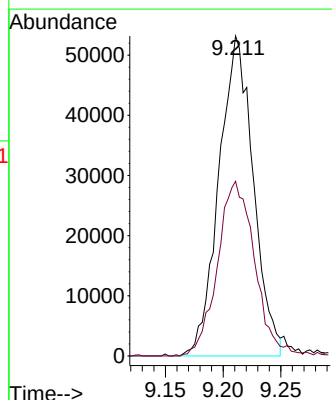
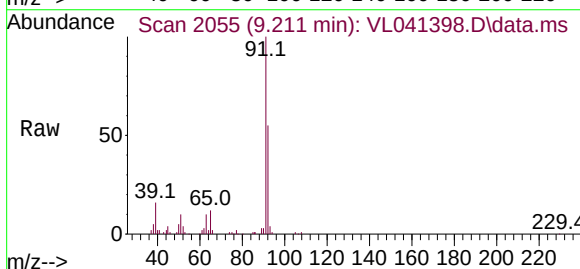
Acq: 25 Jul 2024 13:19

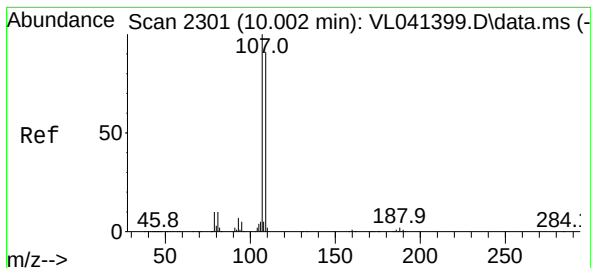
Tgt Ion: 91 Resp: 110057

Ion Ratio Lower Upper

91 100

92 59.4 48.7 73.1

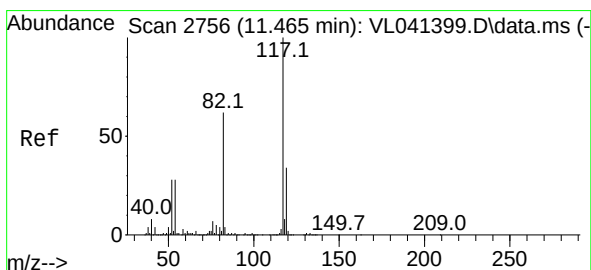
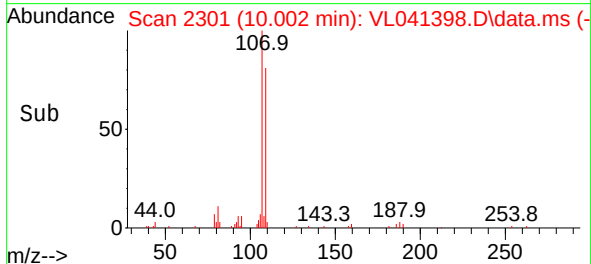
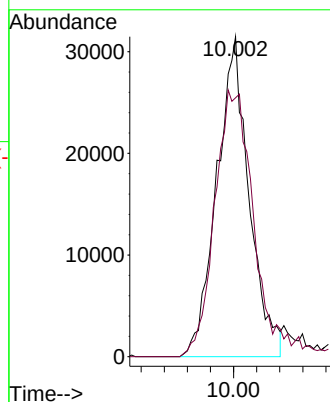
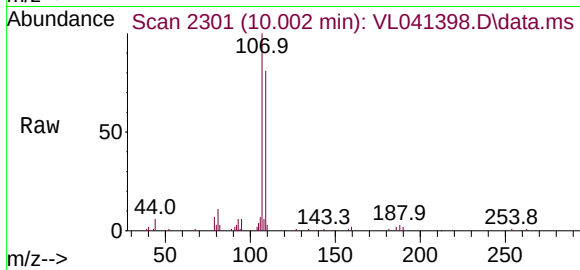




#54
1,2-Dibromoethane
Concen: 0.445 ppbv
RT: 10.002 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

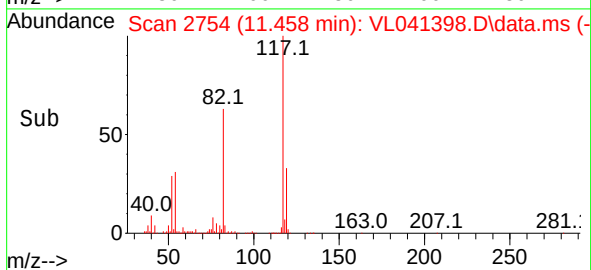
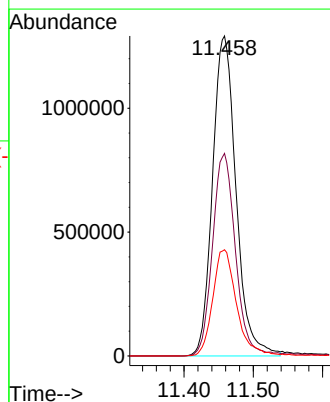
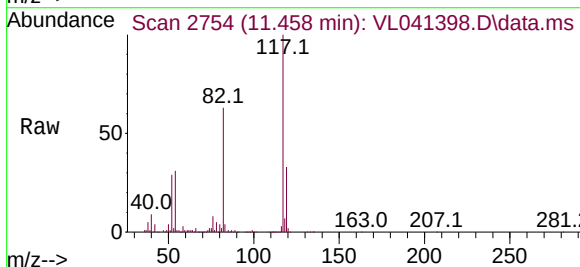
Instrument :
MSVOA_L
ClientSampleId :

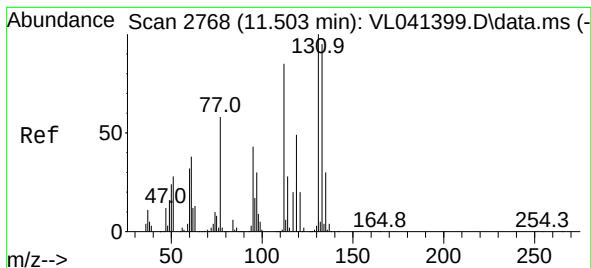
Tgt Ion:107 Resp: 61242
Ion Ratio Lower Upper
107 100
109 80.9 72.7 109.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.007 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion:117 Resp: 3043708
Ion Ratio Lower Upper
117 100
82 62.8 51.0 76.6
119 34.1 45.2 67.8#

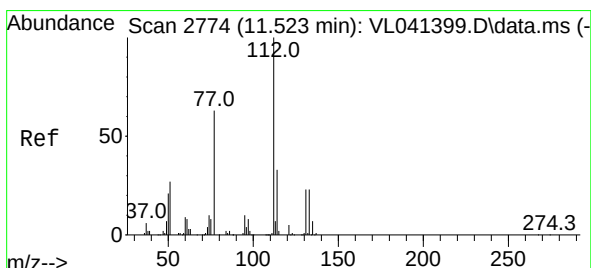
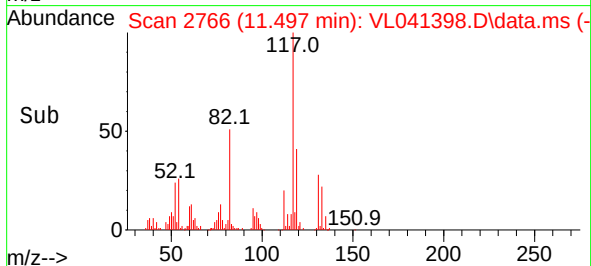
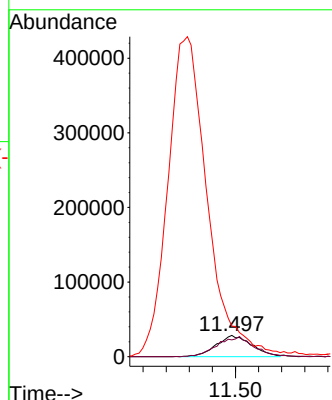
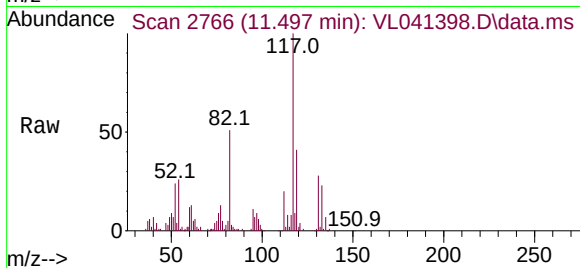




#56
1,1,1,2-Tetrachloroethane
Concen: 0.446 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.007 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

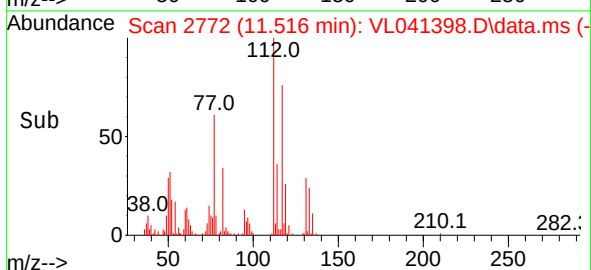
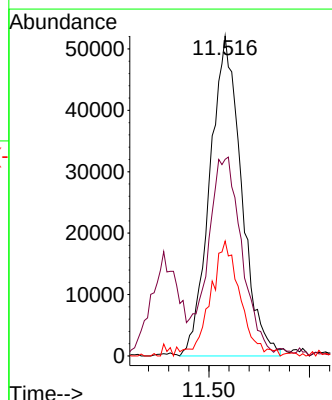
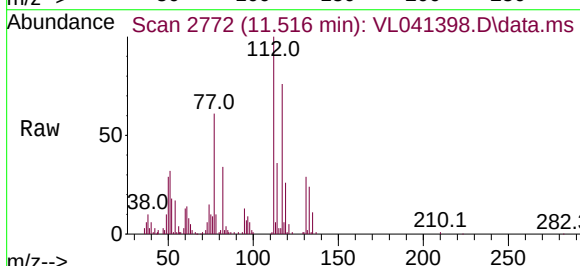
Instrument :
MSVOA_L
ClientSampleId :

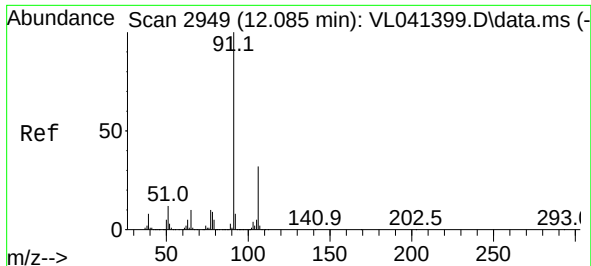
Tgt Ion:131 Resp: 61039
Ion Ratio Lower Upper
131 100
133 97.5 77.0 115.4
119 1698.4 121.5 182.3#



#57
Chlorobenzene
Concen: 0.476 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.007 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion:112 Resp: 113739
Ion Ratio Lower Upper
112 100
77 59.1 51.1 76.7
114 35.9 29.5 36.1





#58

Ethyl Benzene

Concen: 0.384 ppbv

RT: 12.079 min Scan# 2947

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

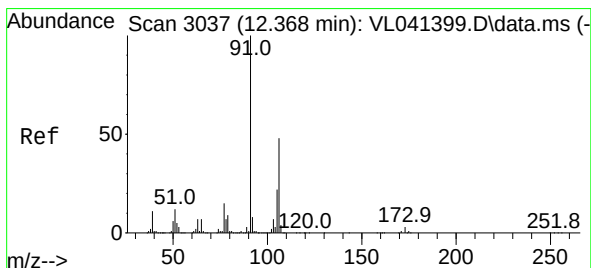
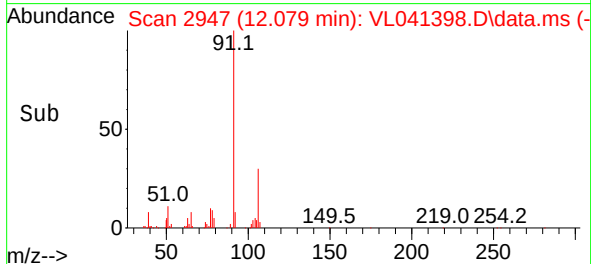
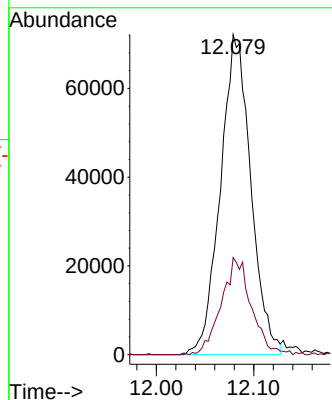
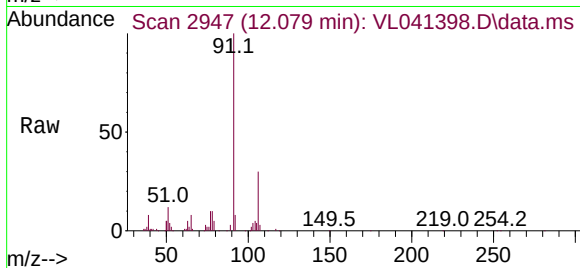
ClientSampleId :

Tgt Ion: 91 Resp: 156513

Ion Ratio Lower Upper

91 100

106 30.3 25.8 38.8



#59

m/p-Xylene

Concen: 0.294 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. -0.003 min

Lab File: VL041398.D

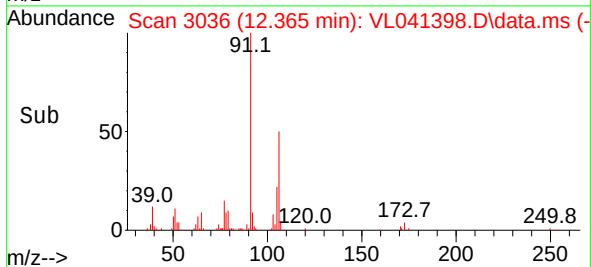
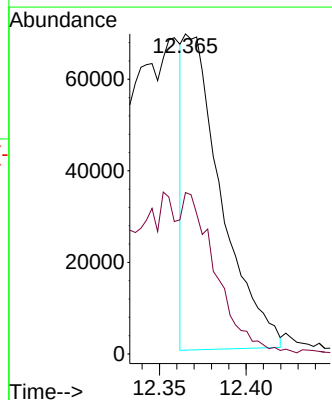
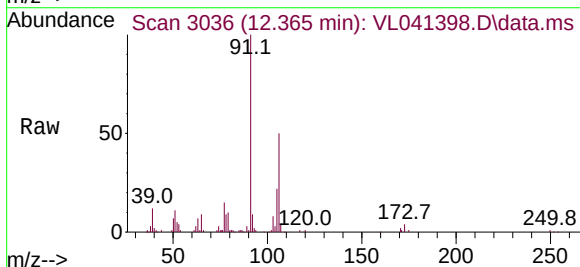
Acq: 25 Jul 2024 13:19

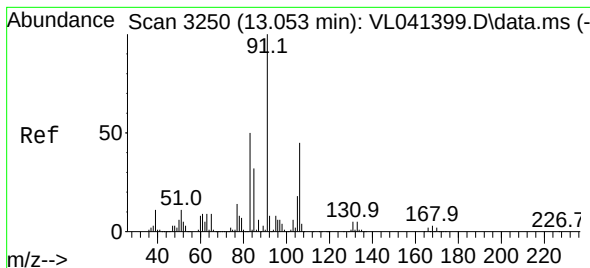
Tgt Ion: 91 Resp: 103612

Ion Ratio Lower Upper

91 100

106 0.0 36.3 54.5#

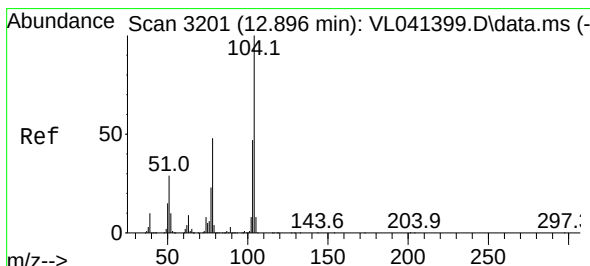
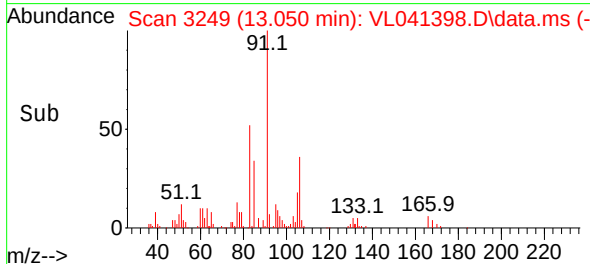
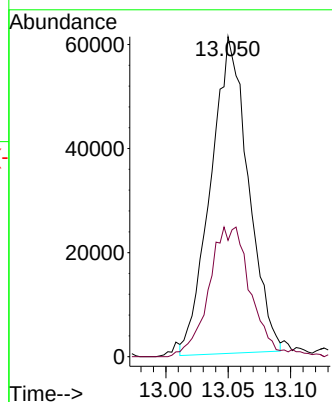
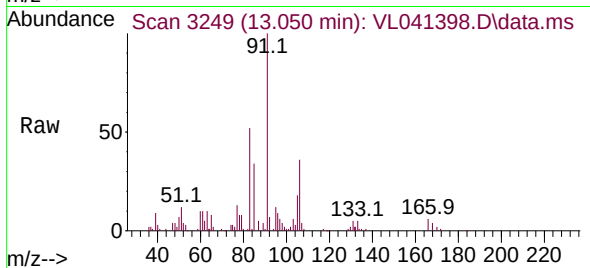




#60
o-Xylene
Concen: 0.385 ppbv
RT: 13.050 min Scan# 3199
Delta R.T. -0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

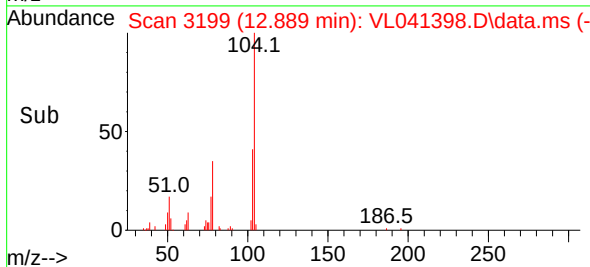
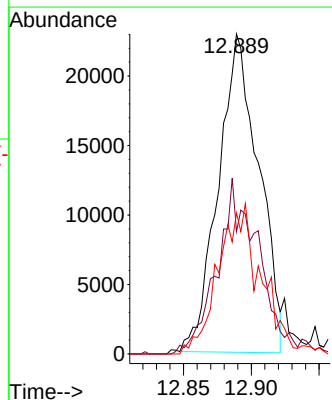
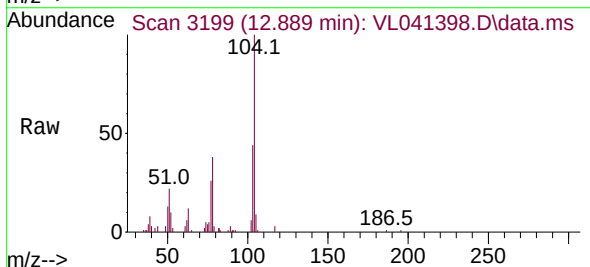
Instrument :
MSVOA_L
ClientSampleId :

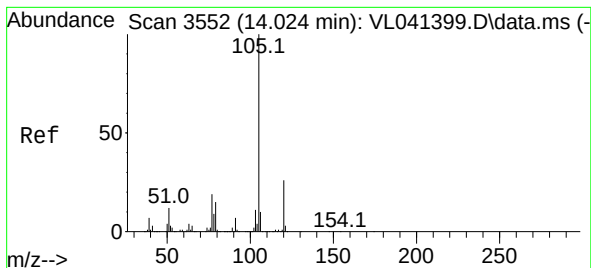
Tgt Ion: 91 Resp: 128195
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3



#61
Styrene
Concen: 0.294 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.007 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion: 104 Resp: 47561
Ion Ratio Lower Upper
104 100
78 57.1 40.8 61.2
103 49.7 38.2 57.4





#62

Isopropylbenzene

Concen: 0.209 ppbv

RT: 14.018 min Scan# 3552

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

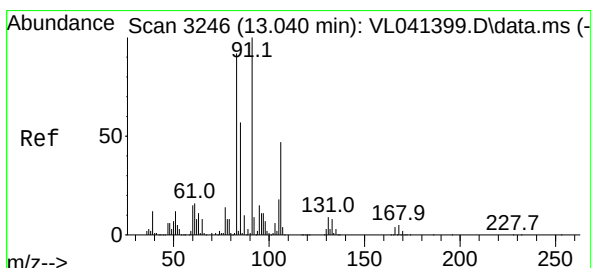
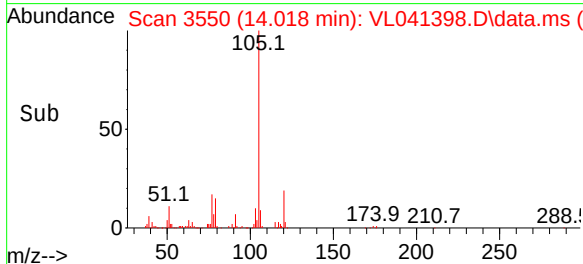
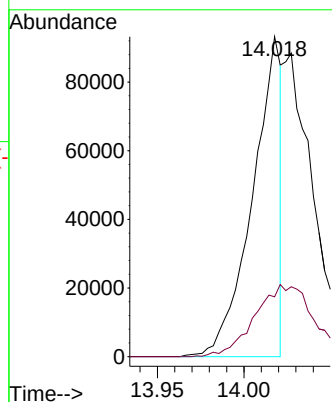
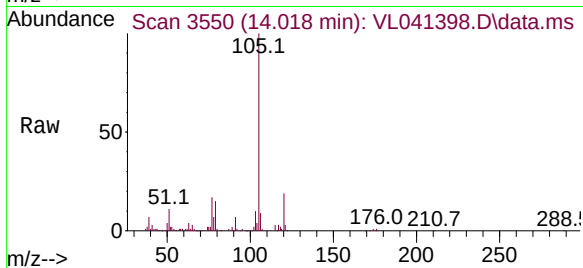
ClientSampleId :

Tgt Ion:105 Resp: 107105

Ion Ratio Lower Upper

105 100

120 47.5 21.0 31.4#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.363 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

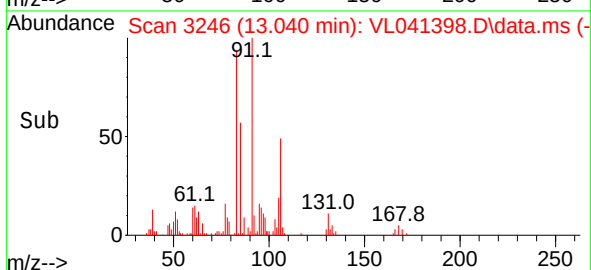
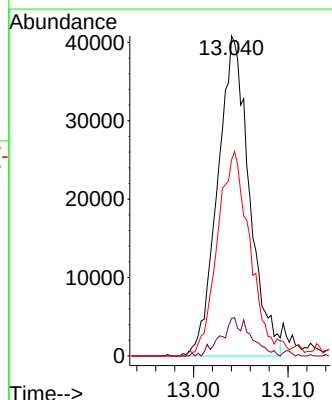
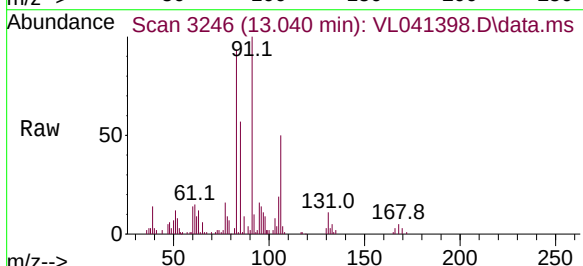
Tgt Ion: 83 Resp: 95214

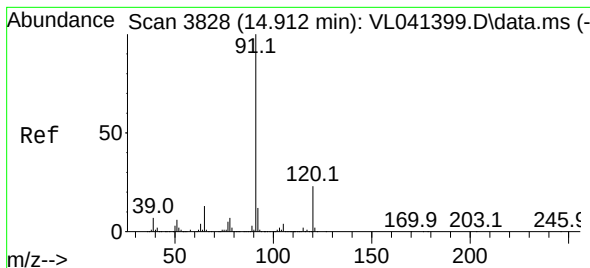
Ion Ratio Lower Upper

83 100

131 11.1 4.8 14.4

85 67.4 32.6 98.0





#64

n-propylbenzene

Concen: 0.188 ppbv

RT: 14.905 min Scan# 3826

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

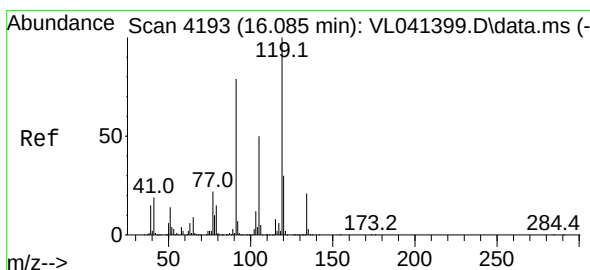
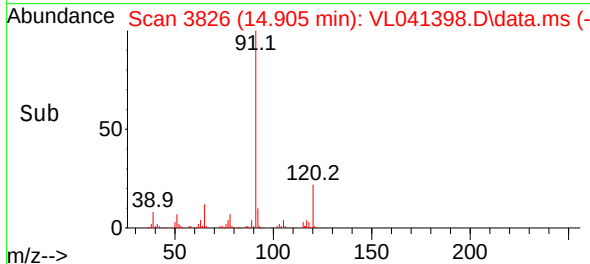
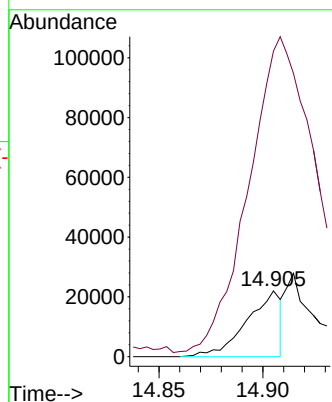
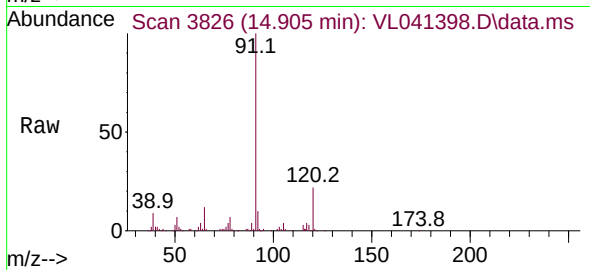
ClientSampleId :

Tgt Ion:120 Resp: 25182

Ion Ratio Lower Upper

120 100

91 1029.2 361.4 542.0#



#65

tert-Butylbenzene

Concen: 0.236 ppbv

RT: 16.082 min Scan# 4192

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

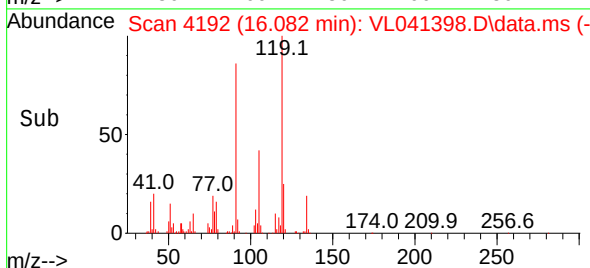
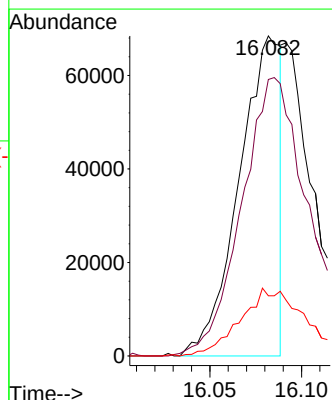
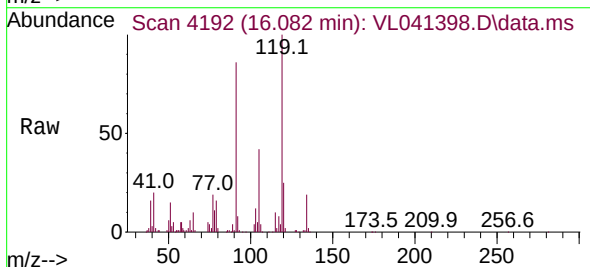
Tgt Ion:119 Resp: 107714

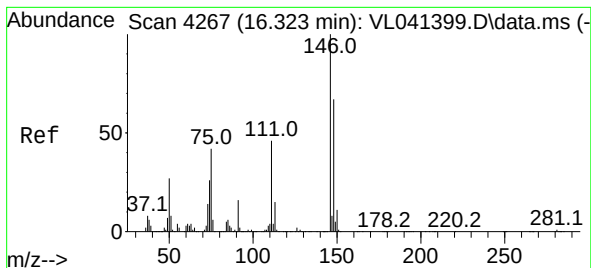
Ion Ratio Lower Upper

119 100

91 145.0 64.2 96.2#

134 34.2 15.7 23.5#

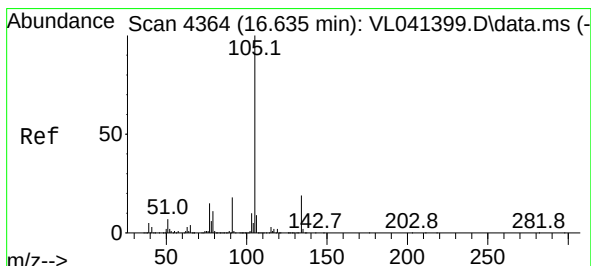
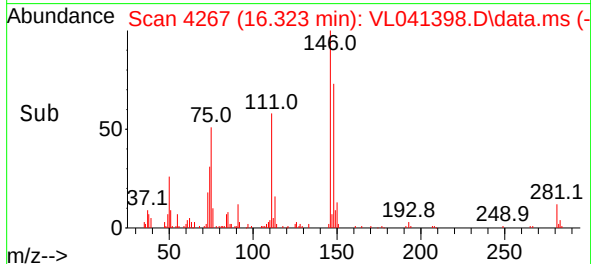
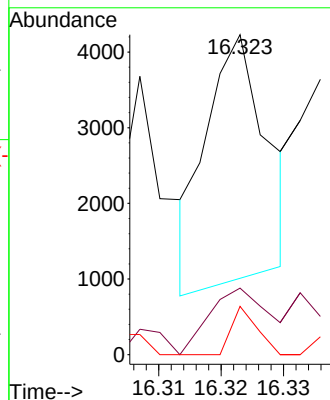
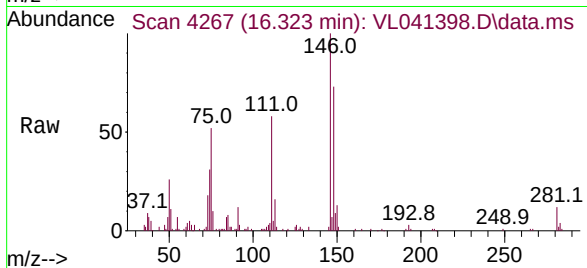




#66
Benzyl Chloride
Concen: 0.072 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

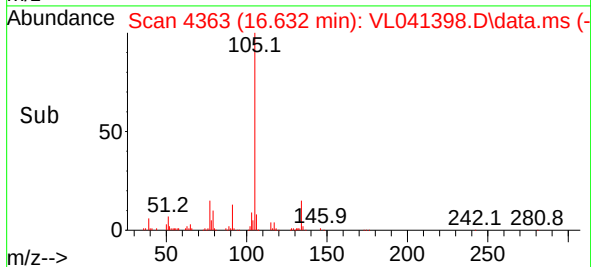
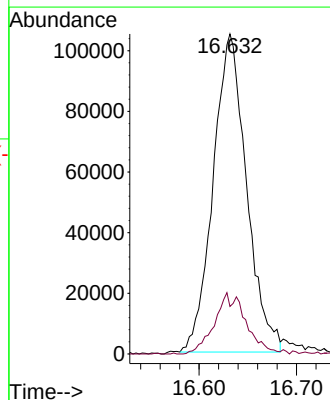
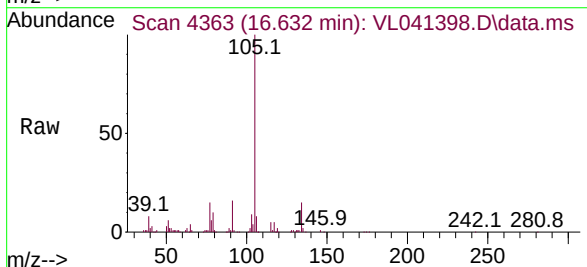
Instrument :
MSVOA_L
ClientSampleId :

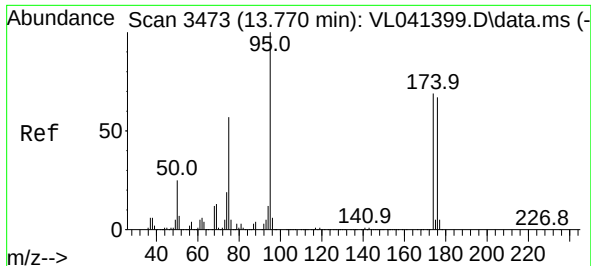
Tgt Ion: 91 Resp: 2165
Ion Ratio Lower Upper
91 100
126 56.4 13.8 20.8#
128 22.4 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.386 ppbv
RT: 16.632 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VL041398.D
Acq: 25 Jul 2024 13:19

Tgt Ion:105 Resp: 249741
Ion Ratio Lower Upper
105 100
134 18.6 14.5 21.7





#68

1-Bromo-4-Fluorobenzene

Concen: 10.332 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

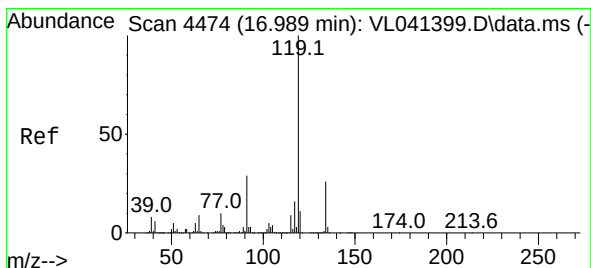
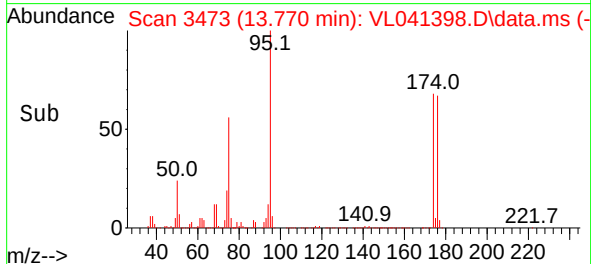
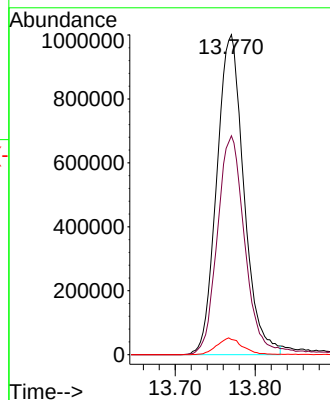
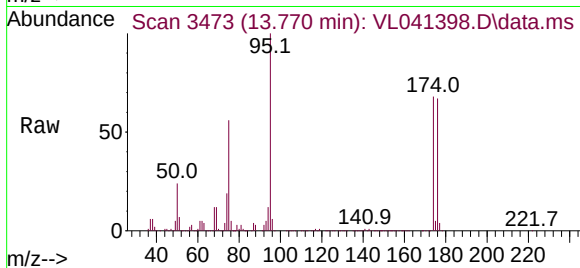
Tgt Ion: 95 Resp: 2357044

Ion Ratio Lower Upper

95 100

174 71.4 56.3 84.5

175 5.0 4.0 6.0



#69

p-Isopropyltoluene

Concen: 0.370 ppbv

RT: 16.992 min Scan# 4475

Delta R.T. 0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

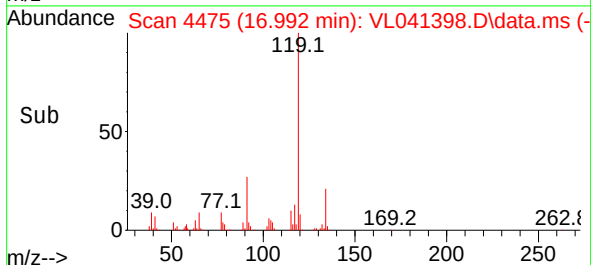
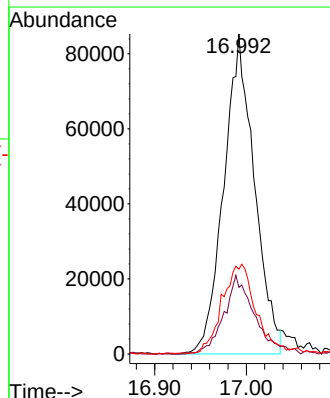
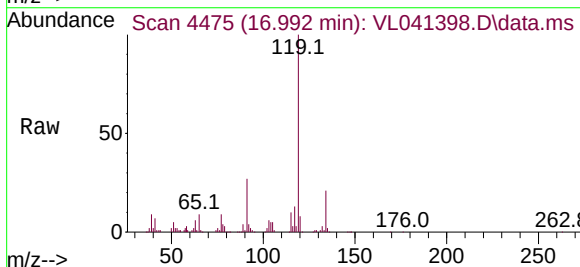
Tgt Ion: 119 Resp: 197625

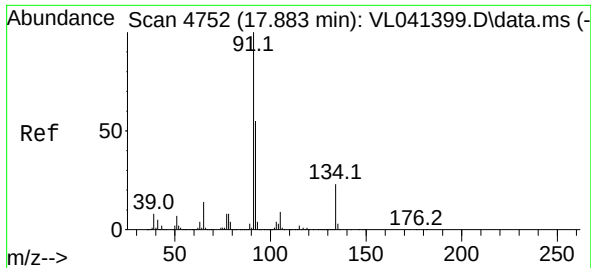
Ion Ratio Lower Upper

119 100

134 25.1 20.5 30.7

91 32.0 23.2 34.8





#70

n-Butylbenzene

Concen: 0.376 ppbv

RT: 17.886 min Scan# 4752

Delta R.T. 0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

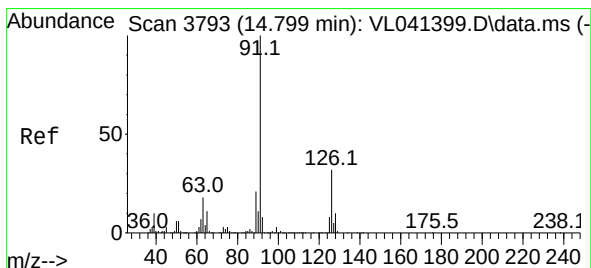
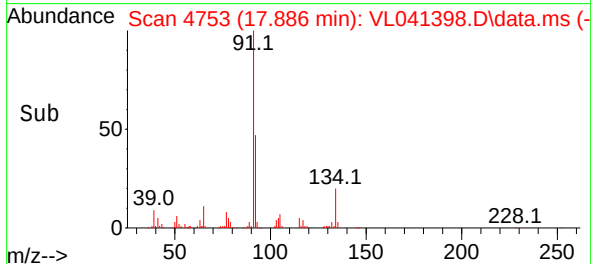
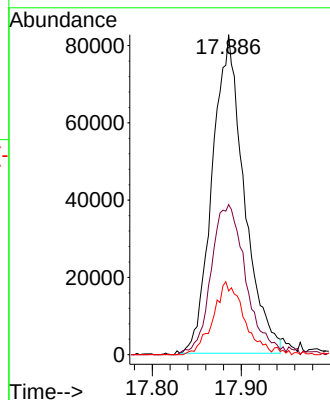
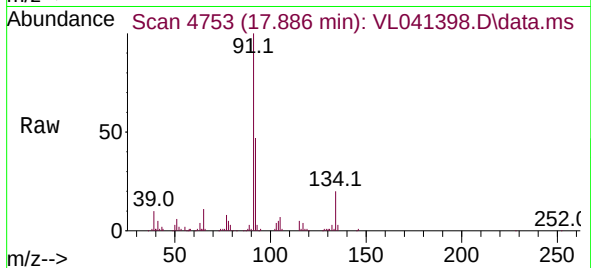
Tgt Ion: 91 Resp: 204999

Ion Ratio Lower Upper

91 100

92 52.5 43.2 64.8

134 22.9 18.5 27.7



#71

2-Chlorotoluene

Concen: 0.395 ppbv

RT: 14.796 min Scan# 3792

Delta R.T. -0.003 min

Lab File: VL041398.D

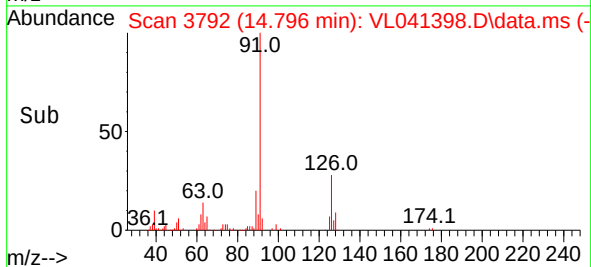
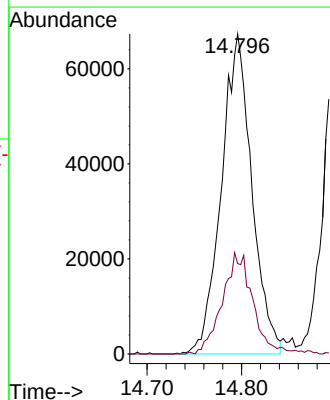
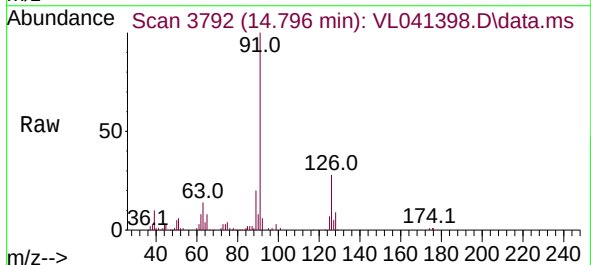
Acq: 25 Jul 2024 13:19

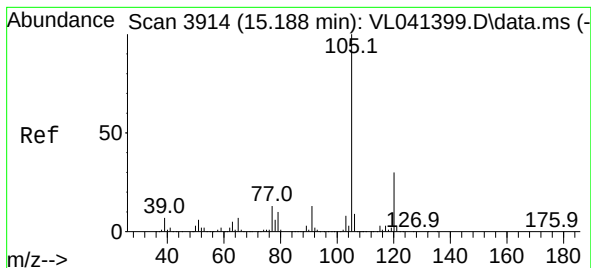
Tgt Ion: 91 Resp: 150717

Ion Ratio Lower Upper

91 100

126 31.9 12.7 50.9





#72

4-Ethyltoluene

Concen: 0.375 ppbv

RT: 15.188 min Scan# 3914

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 148551

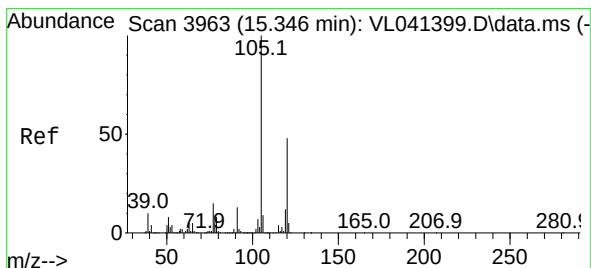
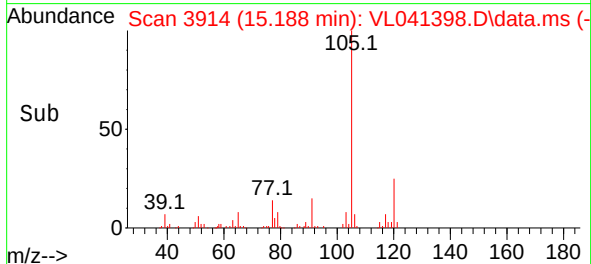
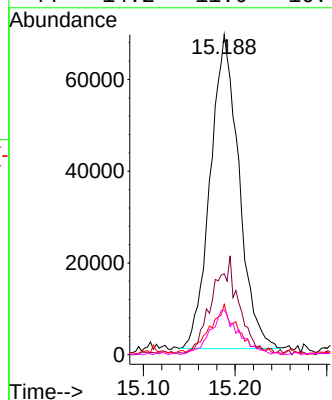
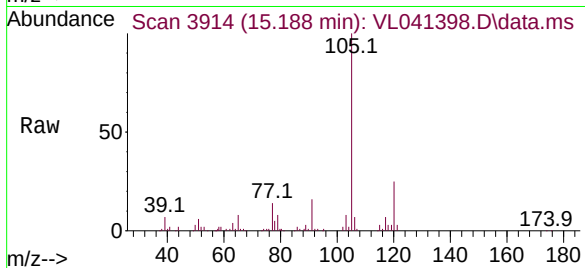
Ion Ratio Lower Upper

105 100

120 31.7 24.2 36.2

91 14.9 10.4 15.6

77 14.2 11.0 16.4



#73

1,3,5-Trimethylbenzene

Concen: 0.373 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VL041398.D

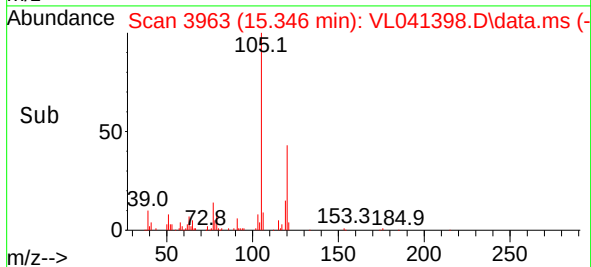
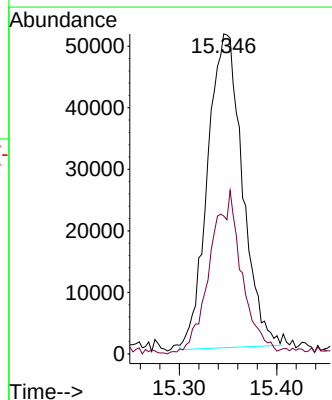
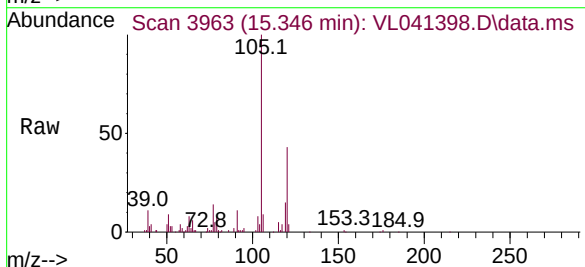
Acq: 25 Jul 2024 13:19

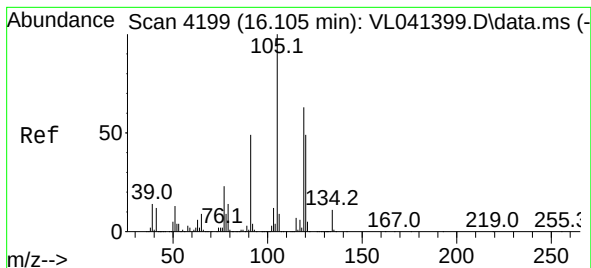
Tgt Ion:105 Resp: 126480

Ion Ratio Lower Upper

105 100

120 43.0 38.6 57.8





#74

1,2,4-Trimethylbenzene

Concen: 0.206 ppbv

RT: 16.098 min Scan# 4199

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 78776

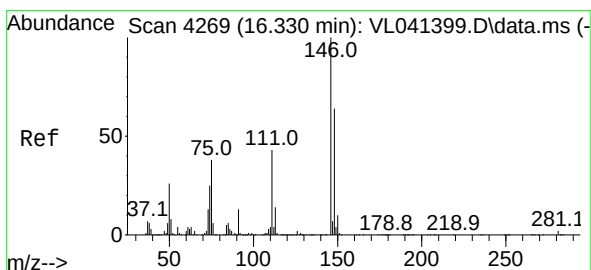
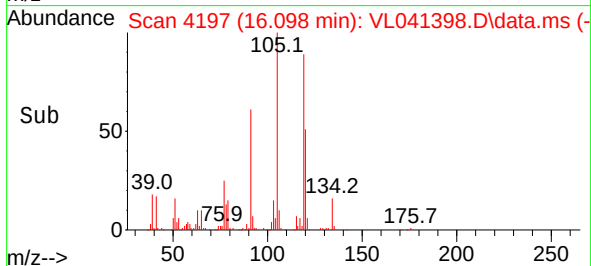
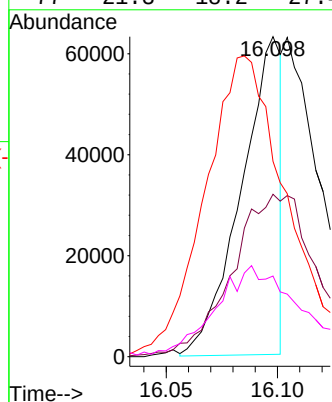
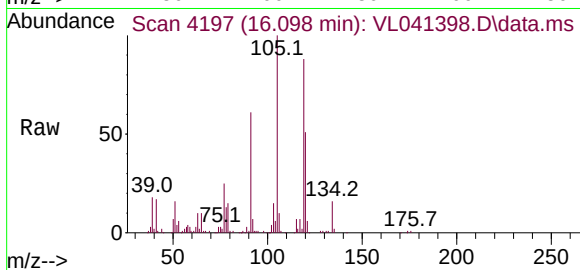
Ion Ratio Lower Upper

105 100

120 47.0 39.5 59.3

91 42.5 39.8 59.8

77 21.3 18.2 27.4



#75

1,3-Dichlorobenzene

Concen: 0.445 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

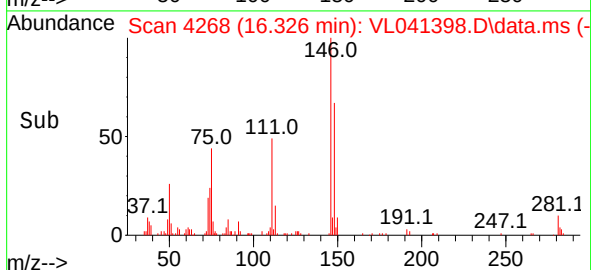
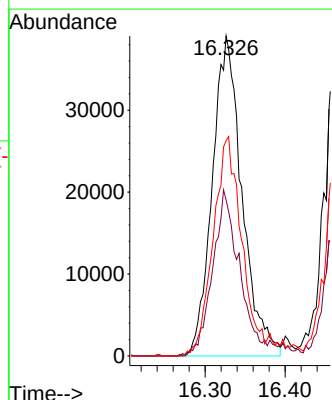
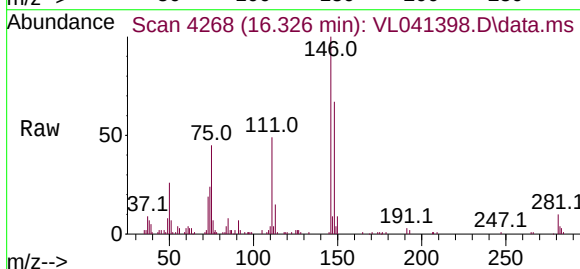
Tgt Ion:146 Resp: 100938

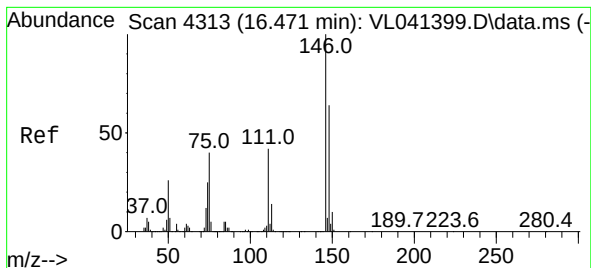
Ion Ratio Lower Upper

146 100

111 49.3 22.6 67.8

148 68.9 32.3 96.8





#76

1,4-Dichlorobenzene

Concen: 0.171 ppbv

RT: 16.468 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

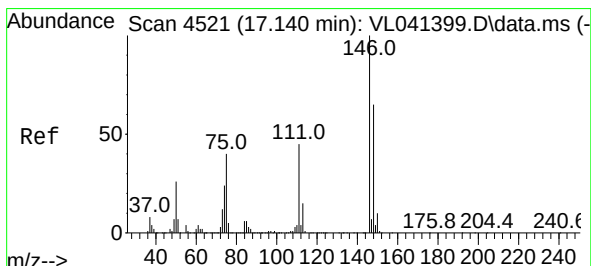
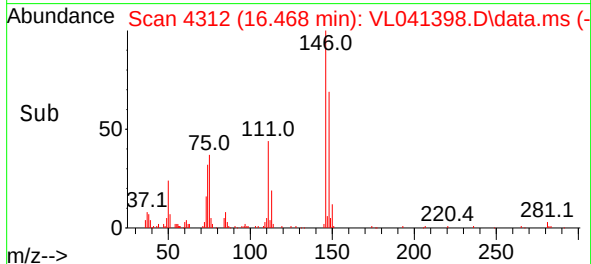
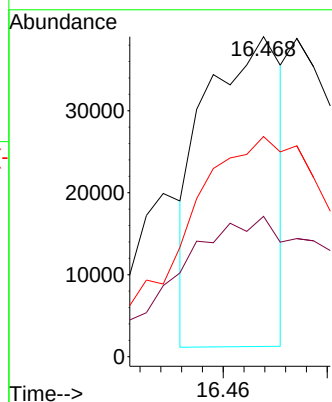
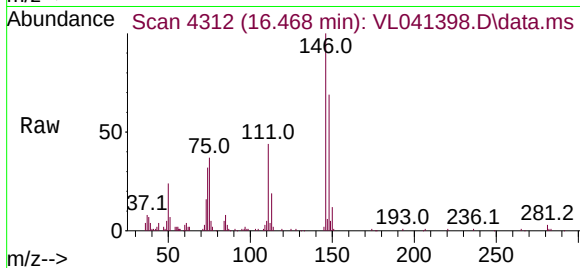
Tgt Ion:146 Resp: 38673

Ion Ratio Lower Upper

146 100

111 118.7 22.4 67.0#

148 183.0 33.1 99.5#



#77

1,2-Dichlorobenzene

Concen: 0.197 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. -0.010 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

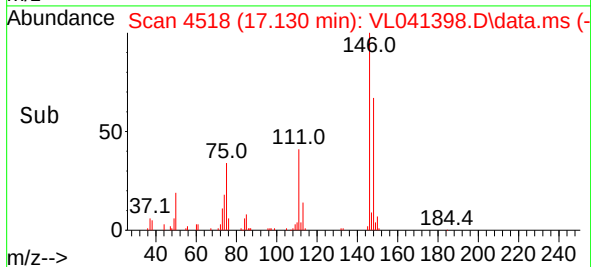
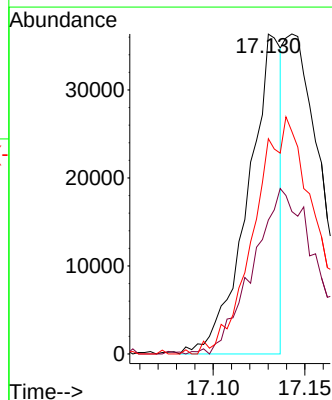
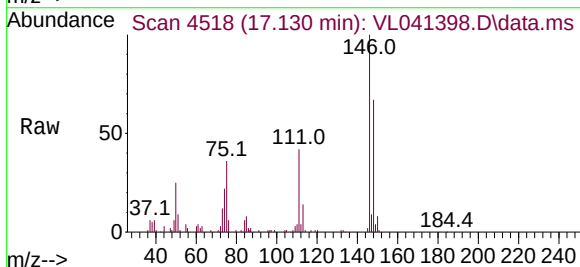
Tgt Ion:146 Resp: 45632

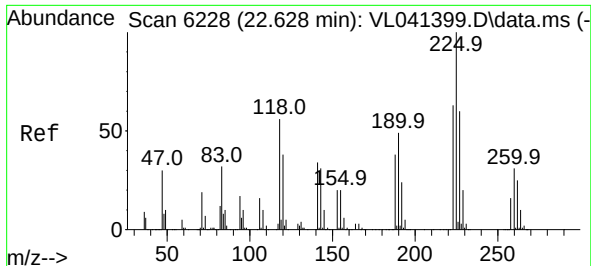
Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.0#

148 0.0 32.2 96.6#





#78

Hexachloro-1,3-Butadiene

Concen: 0.300 ppbv

RT: 22.622 min Scan# 61

Delta R.T. -0.007 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

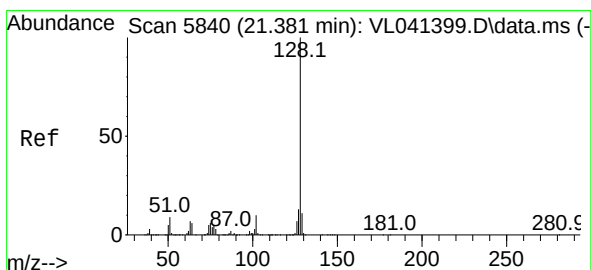
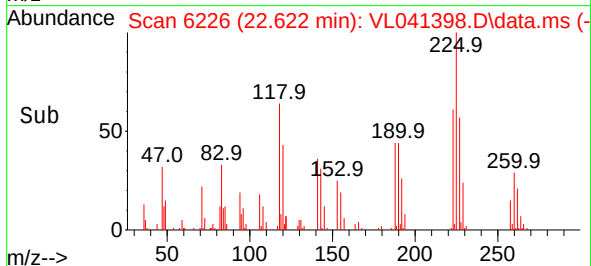
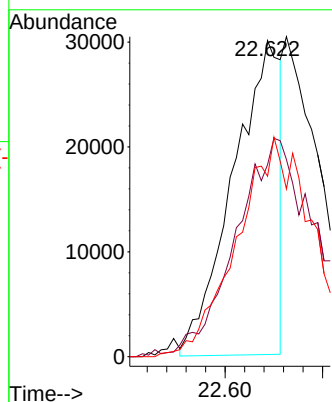
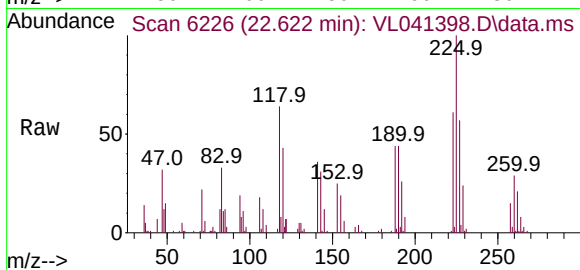
Tgt Ion:225 Resp: 50446

Ion Ratio Lower Upper

225 100

223 122.0 50.6 76.0#

227 117.4 50.8 76.2#



#79

Naphthalene

Concen: 0.417 ppbv

RT: 21.387 min Scan# 5842

Delta R.T. 0.006 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

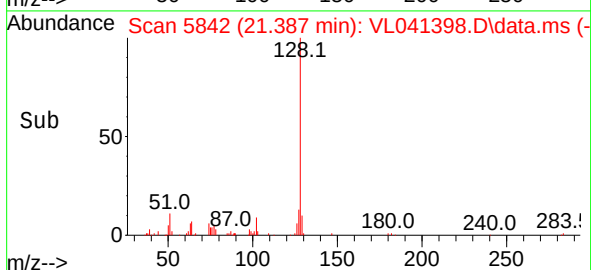
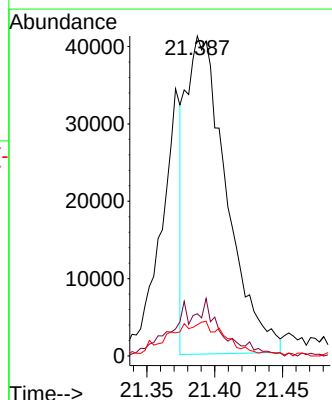
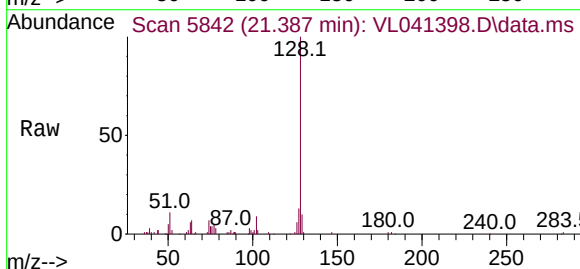
Tgt Ion:128 Resp: 85658

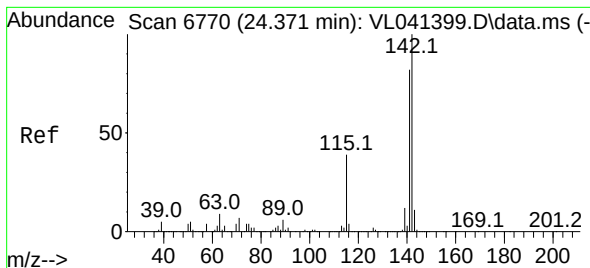
Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 9.2 9.0 13.4





#80

Naphthalene, 2-methyl-

Concen: 140.503 ppbv

RT: 24.374 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Instrument :

MSVOA_L

ClientSampleId :

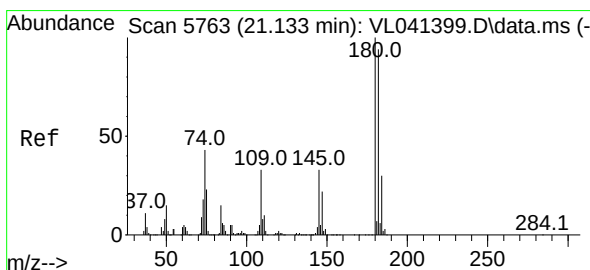
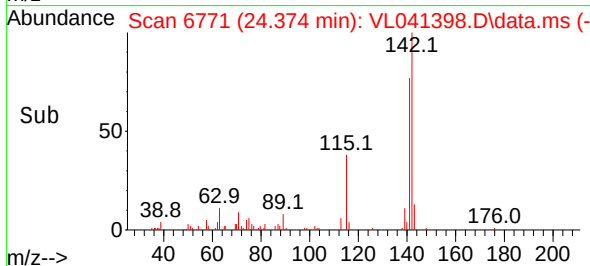
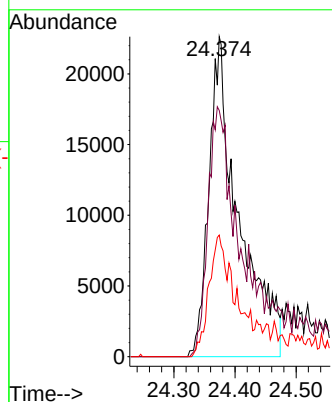
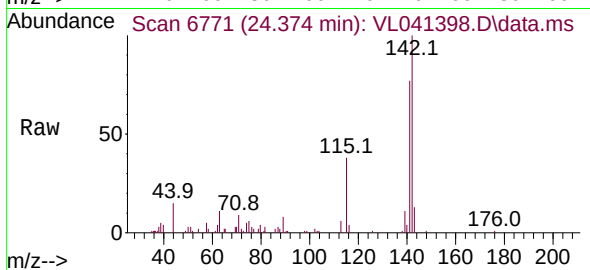
Tgt Ion:142 Resp: 75989

Ion Ratio Lower Upper

142 100

141 90.5 67.0 100.4

115 36.0 32.2 48.2



#81

1,2,4-Trichlorobenzene

Concen: 0.308 ppbv

RT: 21.133 min Scan# 5763

Delta R.T. -0.000 min

Lab File: VL041398.D

Acq: 25 Jul 2024 13:19

Tgt Ion:180 Resp: 39104

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1#

184 64.0 24.5 36.7#

