

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039741.D
 Acq On : 21 Oct 2022 10:44
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Oct 22 03:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1072735	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2939328	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2726545	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1874147	9.683	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	414187	2.306	ppbv	98
3) Chlorodifluoromethane	2.697	51	262849	1.923	ppbv	99
4) Chloromethane	2.835	50	161041	1.883	ppbv	97
5) Vinyl Chloride	2.941	62	131967	1.966	ppbv	91
6) Bromomethane	3.140	94	43988	1.769	ppbv	98
7) Chloroethane	3.214	64	46000	1.849	ppbv	90
8) Dichlorotetrafluoroethane	2.877	85	335442	2.013	ppbv	100
9) Propene	2.716	41	115496	1.851	ppbv	91
10) Heptane	7.578	43	280991	1.940	ppbv	98
11) Trichlorofluoromethane	3.581	101	323737	1.936	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.082	101	253556	1.885	ppbv	97
13) Ethanol	3.263	45	7228	1.700	ppbv	68
14) Bromoethene	3.385	108	94872	1.852	ppbv	93
15) Acetone	3.491	43	261663	2.020	ppbv	94
16) 1,3-Butadiene	3.005	39	130384	2.006	ppbv	99
17) tert-Butyl alcohol	3.899	59	167958	1.526	ppbv #	94
18) 1,1-Dichloroethene	3.896	96	108949	1.888	ppbv	98
19) Isopropyl Alcohol	3.600	45	90134	1.425	ppbv #	92
20) Methylene Chloride	3.951	84	92996	1.786	ppbv	95
21) Allyl Chloride	4.012	41	173427	1.940	ppbv	96
22) trans-1,2-Dichloroethene	4.459	96	110635	1.888	ppbv	90
23) Vinyl Acetate	4.642	43	94757	1.734	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	244869	1.965	ppbv	100
25) Ethyl Acetate	5.214	43	535773	2.065	ppbv	98
26) Hexane	5.221	57	215789	2.042	ppbv	98
27) Carbon Disulfide	4.137	76	253270	1.914	ppbv	96
28) Methyl tert-Butyl Ether	4.607	73	199742	1.993	ppbv	99
29) Chloroform	5.279	83	331035	1.954	ppbv	94
30) Cyclohexane	6.603	84	168721	1.899	ppbv	94
31) cis-1,2-Dichloroethene	5.086	61	168023	1.773	ppbv	93
32) 1,1,1-Trichloroethane	6.005	97	303438	2.065	ppbv	98
34) 2-Butanone	4.799	43	271324	2.001	ppbv	98
35) Carbon Tetrachloride	6.491	117	322345	2.116	ppbv	88
36) Benzene	6.372	78	461849	2.082	ppbv	99
37) 1,2-Dichloroethane	5.806	62	235691	1.972	ppbv	98
38) Trichloroethene	7.288	130	250830	2.108	ppbv	94
39) 1,2-Dichloropropane	7.073	63	166914	1.961	ppbv	92
40) 1,4-Dioxane	7.298	88	22759	0.698	ppbv #	1
41) Tetrahydrofuran	5.571	42	170841	1.965	ppbv	97
42) Bromodichloromethane	7.246	83	331259	2.019	ppbv	93
43) Methyl Methacrylate	7.475	69	159198	1.995	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	792554	2.109	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	115303	1.746	ppbv	99

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Instrument :
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 ClientSampleId :
 VSTDICC002

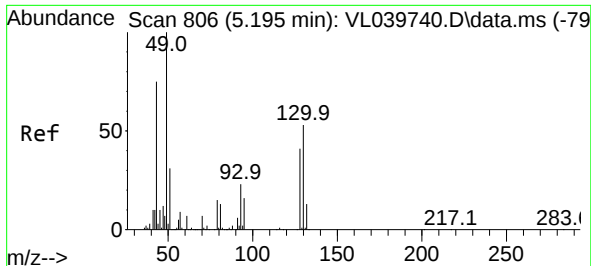
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	173830	1.858	ppbv	93
47) 1,1,2-Trichloroethane	8.896	97	186396	2.017	ppbv	94
48) Dibromochloromethane	9.706	129	275036	1.973	ppbv	96
49) Bromoform	12.394	173	226216	2.016	ppbv	98
50) 4-Methyl-2-Pentanone	8.185	43	448797	2.030	ppbv	98
51) 2-Hexanone	9.558	43	318906	2.013	ppbv #	100
52) Tetrachloroethene	10.610	164	167153	2.087	ppbv	95
53) Toluene	9.214	91	496598	2.073	ppbv	99
54) 1,2-Dibromoethane	10.002	107	196635	2.116	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.497	131	229829	2.077	ppbv #	1
57) Chlorobenzene	11.516	112	405842	2.029	ppbv	96
58) Ethyl Benzene	12.079	91	659479	2.094	ppbv	100
59) m/p-Xylene	12.362	91	510650	1.835	ppbv #	15
60) o-Xylene	13.047	91	559338	2.101	ppbv	99
61) Styrene	12.889	104	276525	1.985	ppbv	96
62) Isopropylbenzene	14.021	105	829207	2.091	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	211590	2.079	ppbv	98
64) n-propylbenzene	14.905	120	204963	2.057	ppbv	93
65) tert-Butylbenzene	16.079	119	762212	2.194	ppbv	100
66) Benzyl Chloride	16.317	91	22450	0.925	ppbv #	81
67) sec-Butylbenzene	16.629	105	1037998	2.159	ppbv	99
69) p-Isopropyltoluene	16.989	119	835252	2.156	ppbv	99
70) n-Butylbenzene	17.876	91	814064	2.184	ppbv	99
71) 2-Chlorotoluene	14.789	91	581306	2.060	ppbv	99
72) 4-Ethyltoluene	15.185	105	623623	2.099	ppbv	98
73) 1,3,5-Trimethylbenzene	15.342	105	573419	2.073	ppbv	96
74) 1,2,4-Trimethylbenzene	16.098	105	649191	2.136	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	368922	2.027	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	352303	1.982	ppbv	95
77) 1,2-Dichlorobenzene	17.133	146	357226	2.020	ppbv	97
78) Hexachloro-1,3-Butadiene	22.622	225	264676	2.071	ppbv	96
79) Naphthalene	21.368	128	453135	2.547	ppbv	97
80) Naphthalene,2-methyl-	24.377	142	111664	2.102	ppbv	91
81) 1,2,4-Trichlorobenzene	21.133	180	129838	1.089	ppbv #	100

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

Quant Time: Oct 22 03:02:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Sat Oct 22 02:12:34 2022
Response via : Initial Calibration

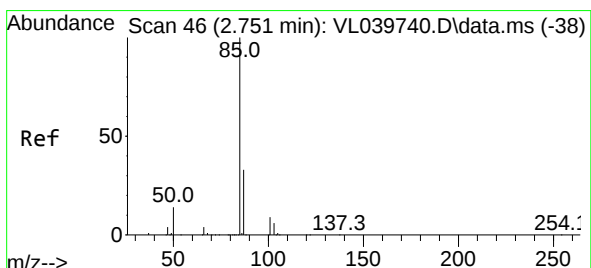
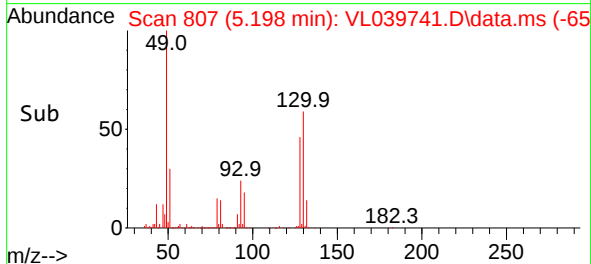
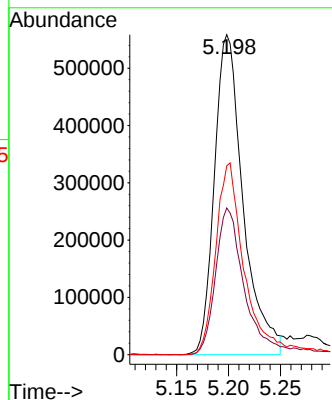
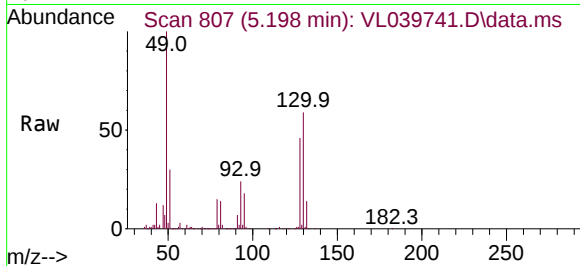




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 806
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

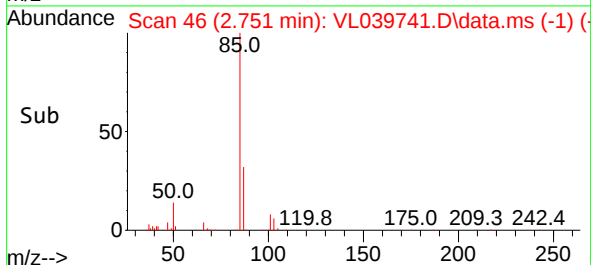
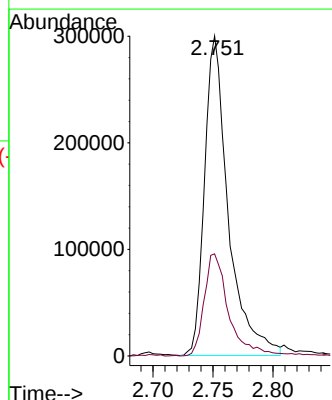
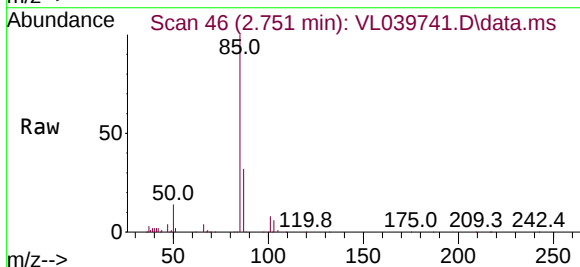
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

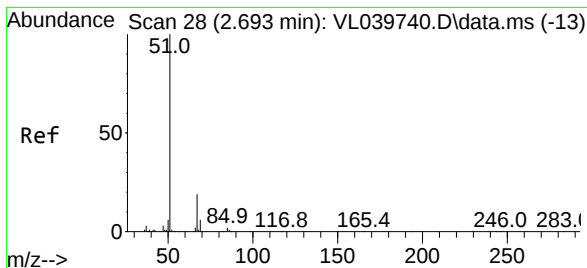
Tgt Ion: 49 Resp: 1072735
 Ion Ratio Lower Upper
 49 100
 128 48.3 22.6 67.8
 130 62.8 29.0 87.0



#2
 Dichlorodifluoromethane
 Concen: 2.306 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 85 Resp: 414187
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 40.0

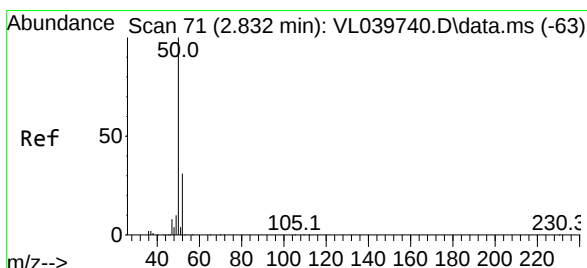
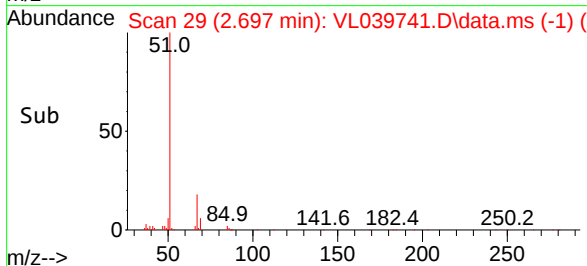
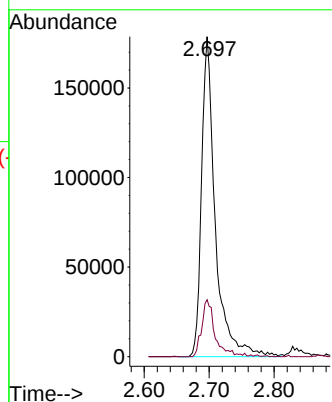
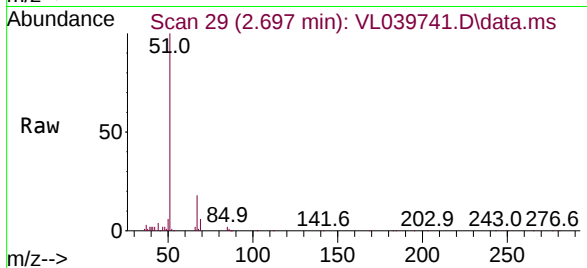




#3
 Chlorodifluoromethane
 Concen: 1.923 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

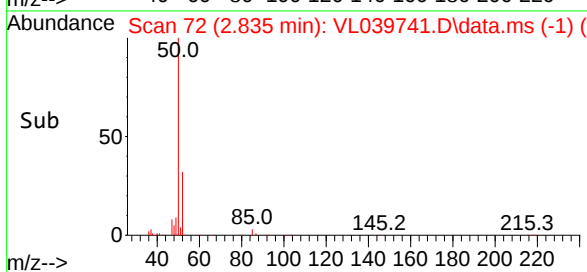
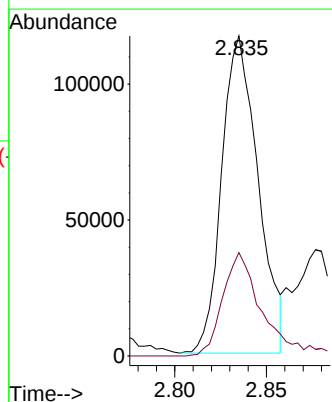
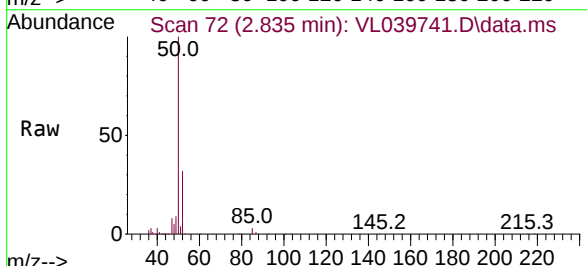
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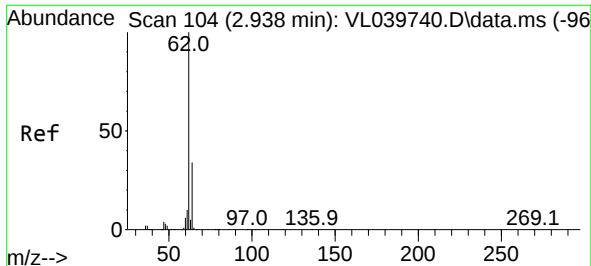
Tgt Ion: 51 Resp: 262849
 Ion Ratio Lower Upper
 51 100
 67 17.8 14.6 21.8



#4
 Chloromethane
 Concen: 1.883 ppbv
 RT: 2.835 min Scan# 72
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 50 Resp: 161041
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.8 37.2

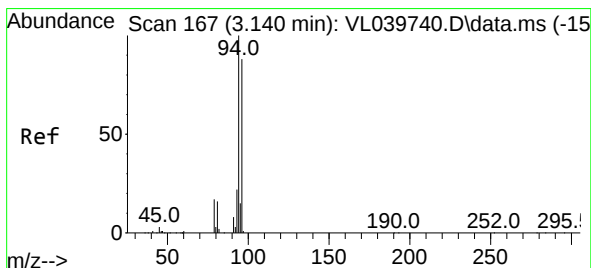
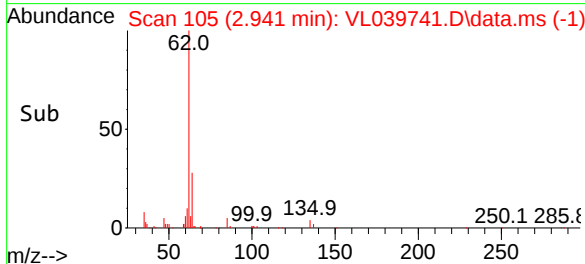
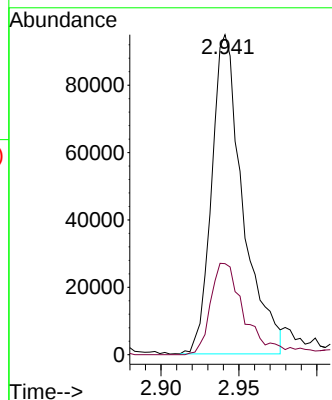
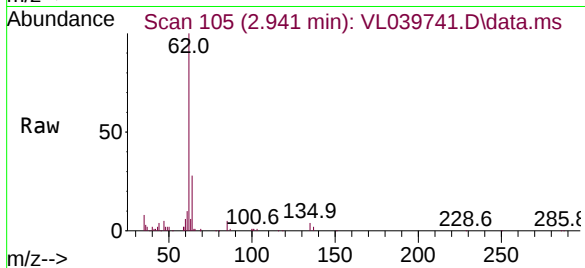




#5
 Vinyl Chloride
 Concen: 1.966 ppbv
 RT: 2.941 min Scan# 104
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

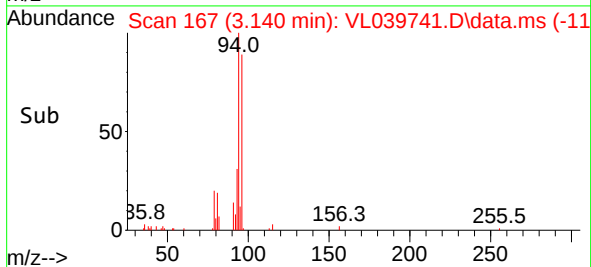
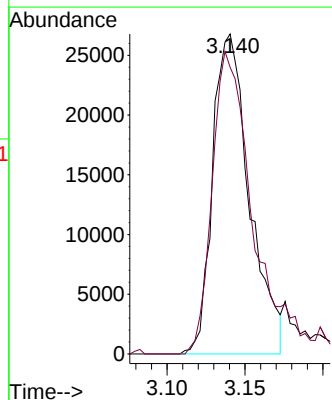
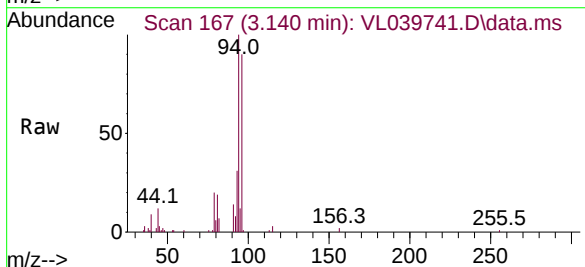
Instrument :
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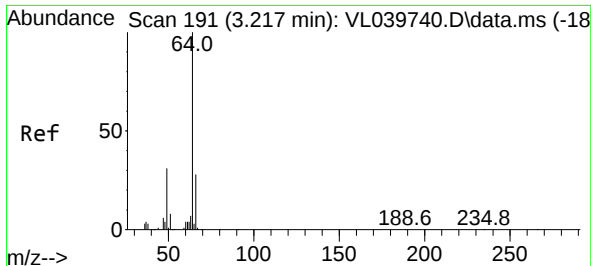
Tgt Ion: 62 Resp: 131967
 Ion Ratio Lower Upper
 62 100
 64 28.5 27.1 40.7



#6
 Bromomethane
 Concen: 1.769 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 94 Resp: 43988
 Ion Ratio Lower Upper
 94 100
 96 89.6 70.5 105.7

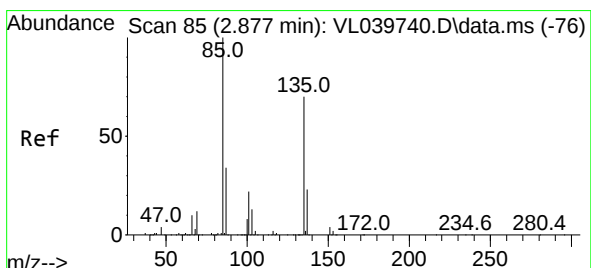
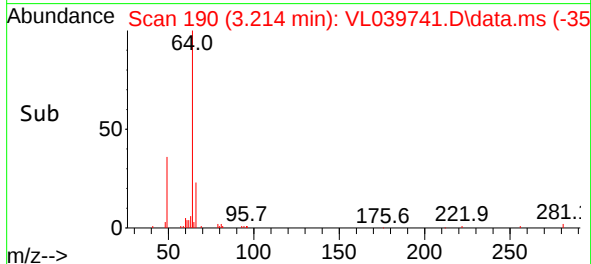
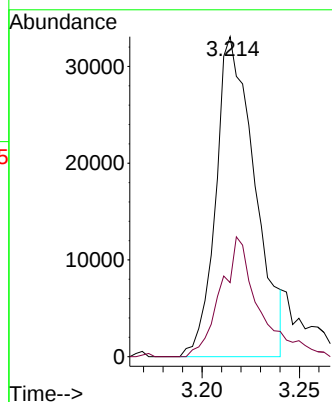
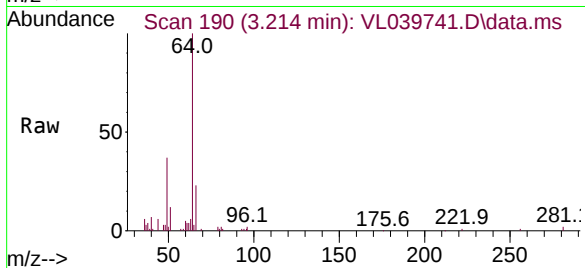




#7
Chloroethane
Concen: 1.849 ppbv
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

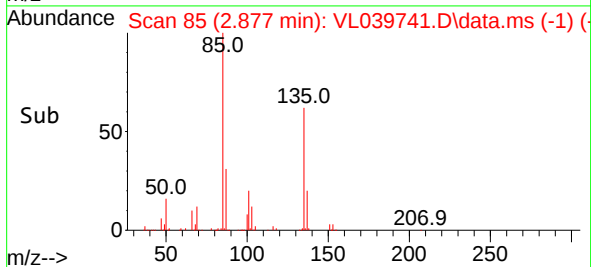
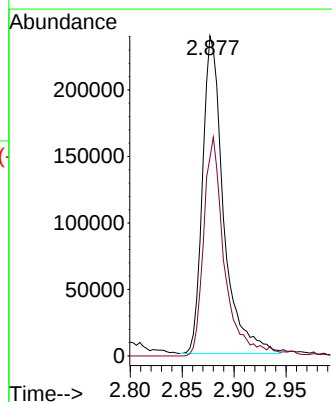
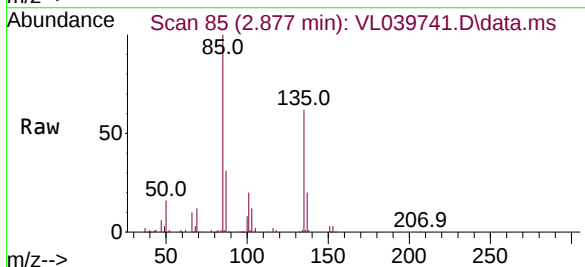
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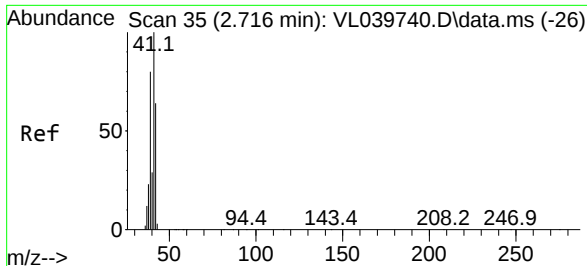
Tgt Ion: 64 Resp: 46000
Ion Ratio Lower Upper
64 100
66 23.2 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 2.013 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 85 Resp: 335442
Ion Ratio Lower Upper
85 100
135 69.8 56.1 84.1





#9

Propene

Concen: 1.851 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_1

ClientSampleId :

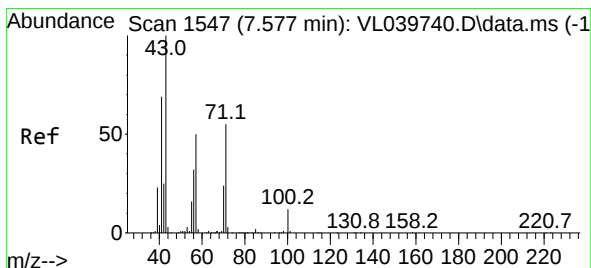
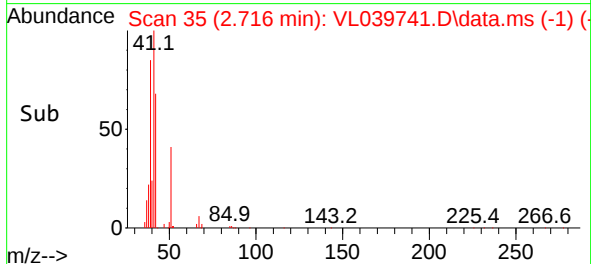
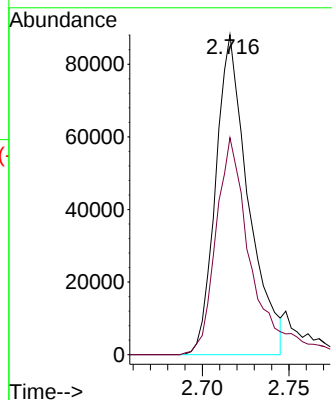
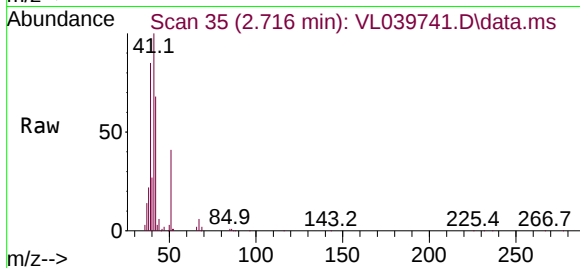
VSTDIC002

Tgt Ion: 41 Resp: 115496

Ion Ratio Lower Upper

41 100

42 75.6 54.4 81.6



#10

Heptane

Concen: 1.940 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL039741.D

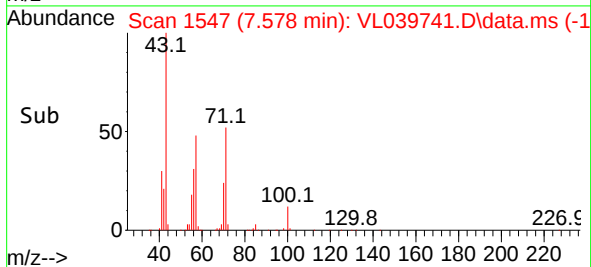
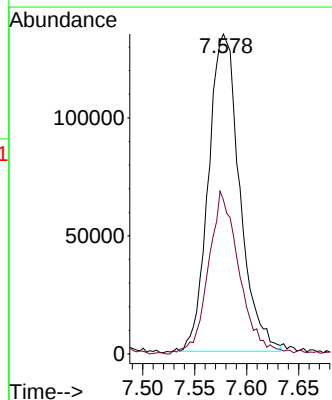
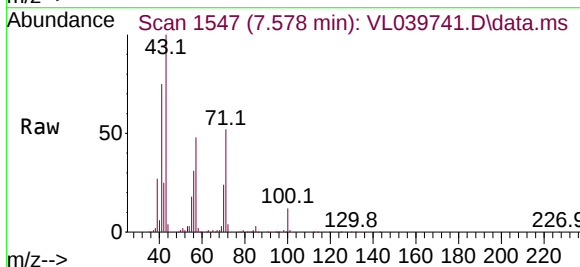
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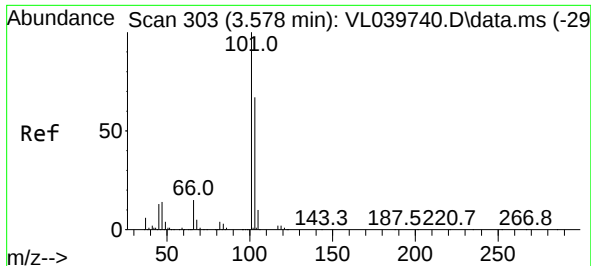
Tgt Ion: 43 Resp: 280991

Ion Ratio Lower Upper

43 100

57 51.1 40.0 60.0

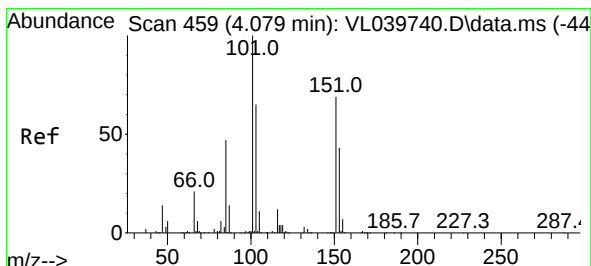
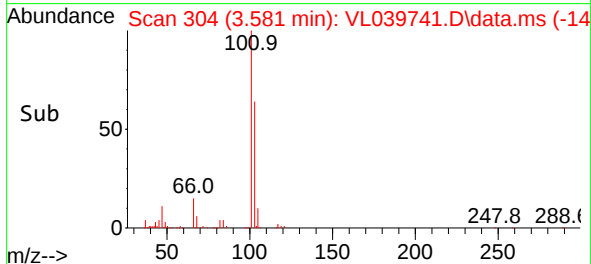
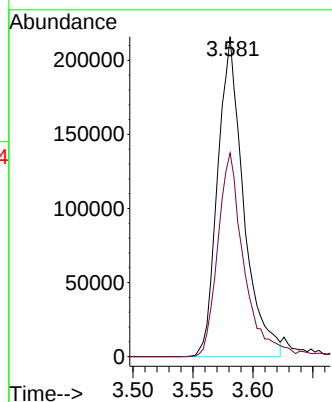
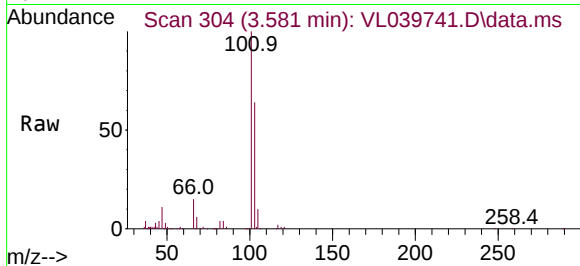




#11
 Trichlorofluoromethane
 Concen: 1.936 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

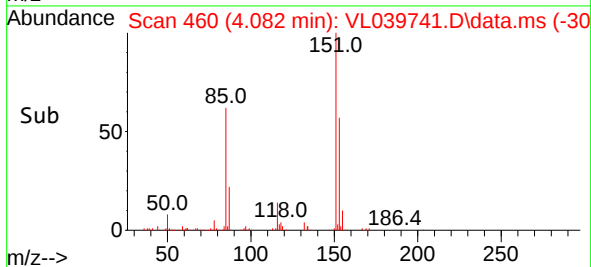
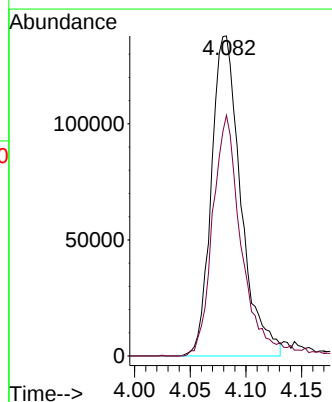
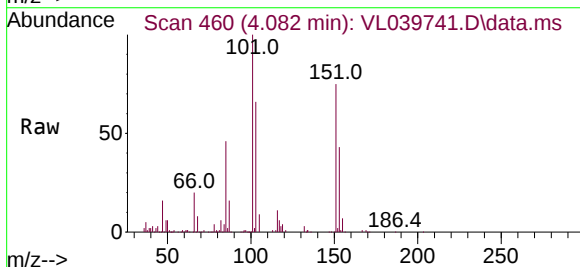
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

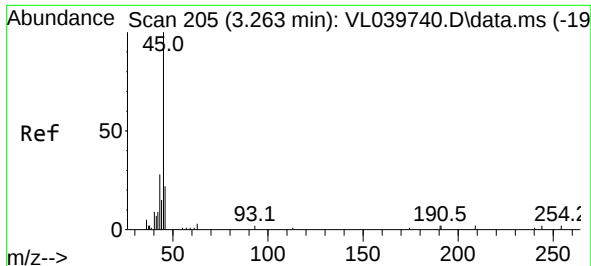
Tgt Ion:101 Resp: 323737
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.885 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion:101 Resp: 253556
 Ion Ratio Lower Upper
 101 100
 151 75.1 58.0 87.0

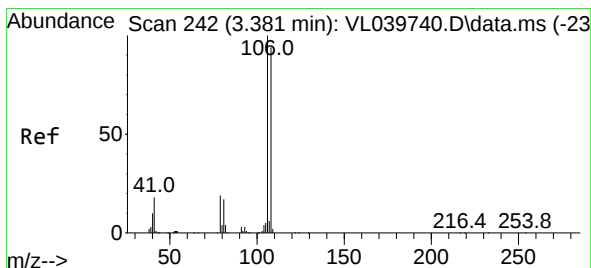
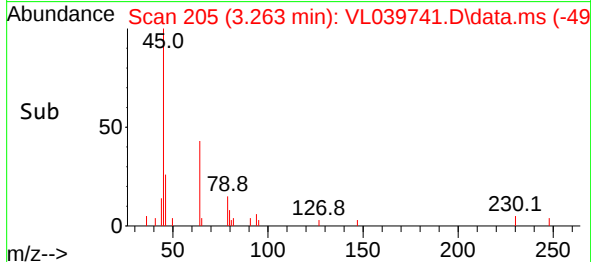
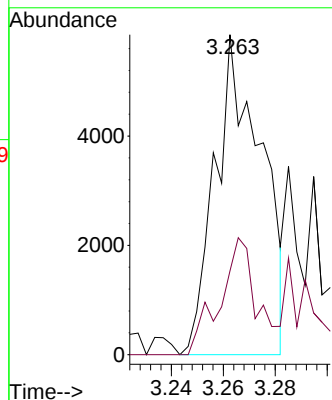
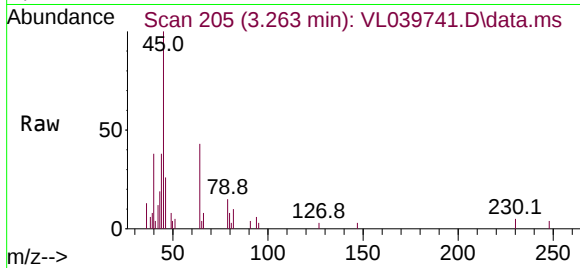




#13
Ethanol
Concen: 1.700 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

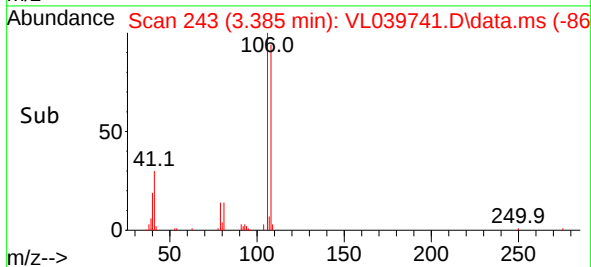
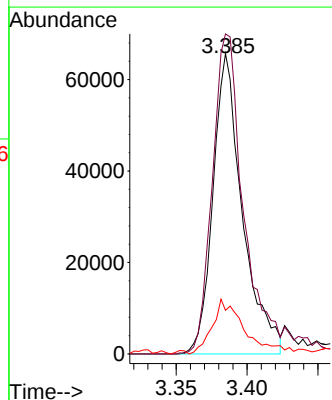
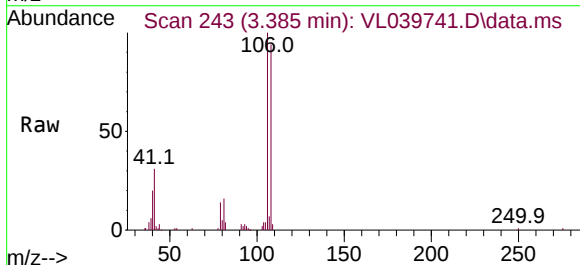
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

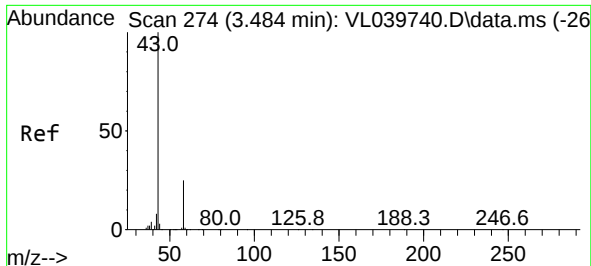
Tgt Ion: 45 Resp: 7228
Ion Ratio Lower Upper
45 100
46 56.2 14.8 59.2



#14
Bromoethene
Concen: 1.852 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 108 Resp: 94872
Ion Ratio Lower Upper
108 100
106 121.4 90.2 135.4
79 22.1 16.2 24.2

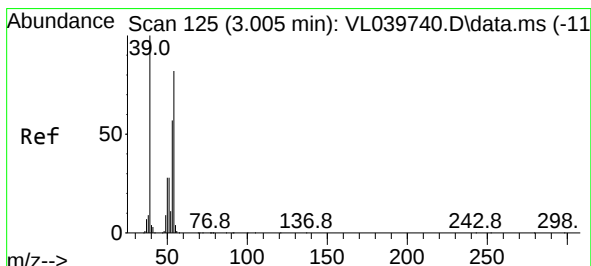
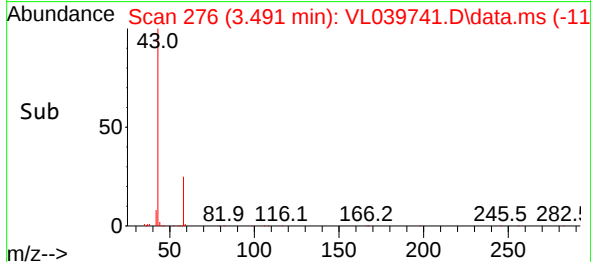
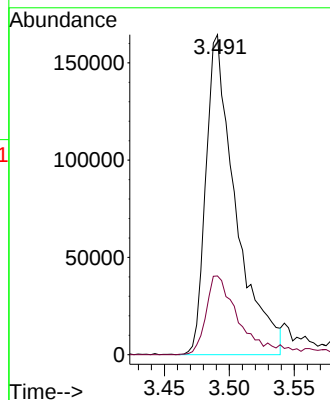
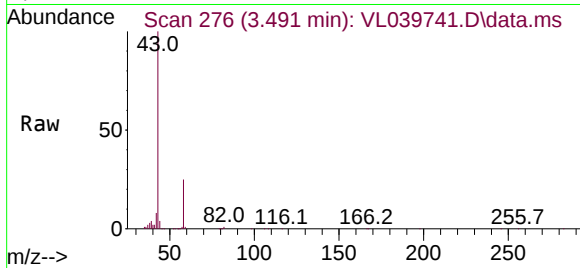




#15
Acetone
Concen: 2.020 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

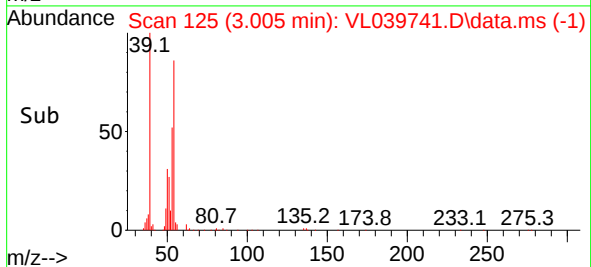
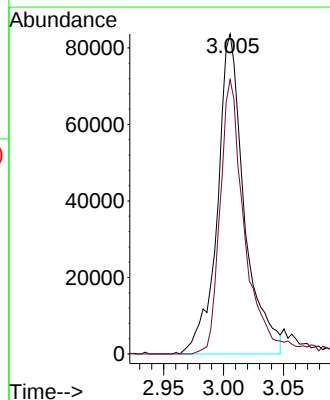
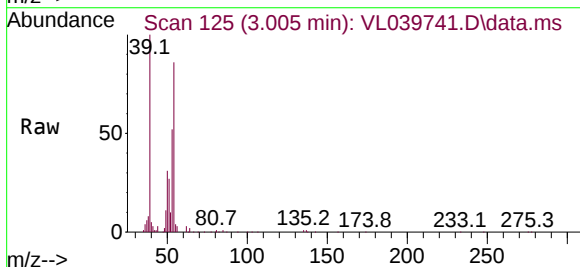
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

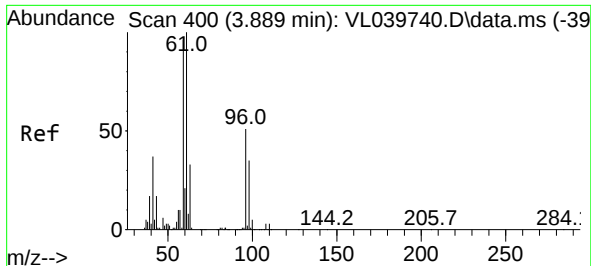
Tgt Ion: 43 Resp: 261663
Ion Ratio Lower Upper
43 100
58 29.0 20.9 31.3



#16
1,3-Butadiene
Concen: 2.006 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 39 Resp: 130384
Ion Ratio Lower Upper
39 100
54 82.2 65.2 97.8





#17

tert-Butyl alcohol

Concen: 1.526 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.010 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

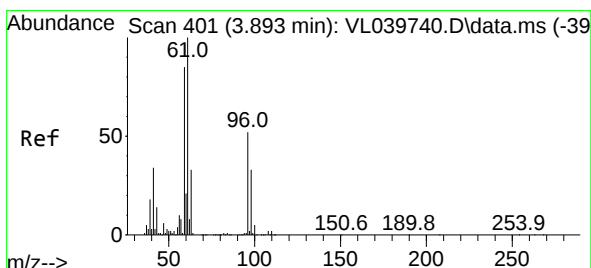
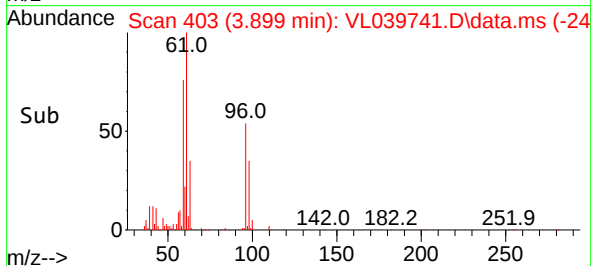
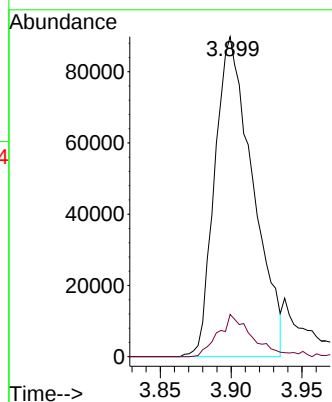
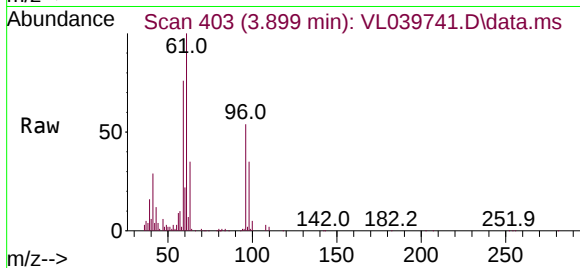
VSTDICC002

Tgt Ion: 59 Resp: 167958

Ion Ratio Lower Upper

59 100

57 12.7 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 1.888 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

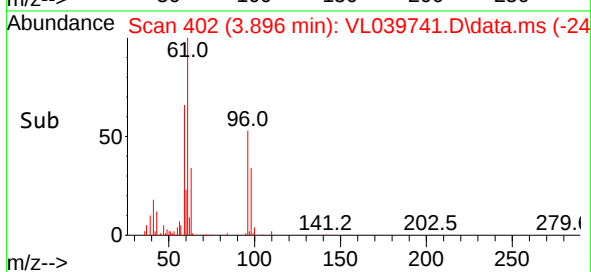
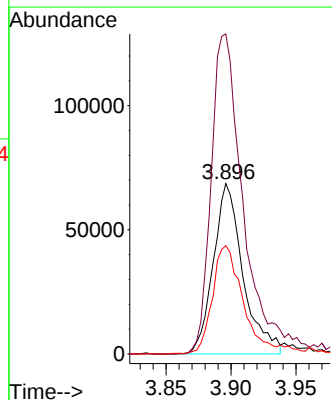
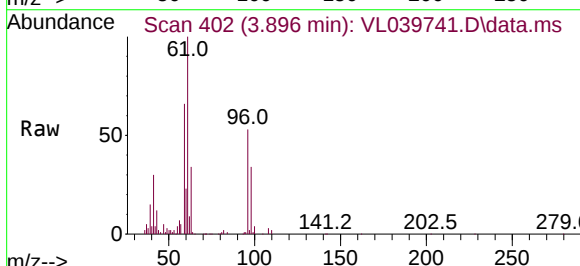
Tgt Ion: 96 Resp: 108949

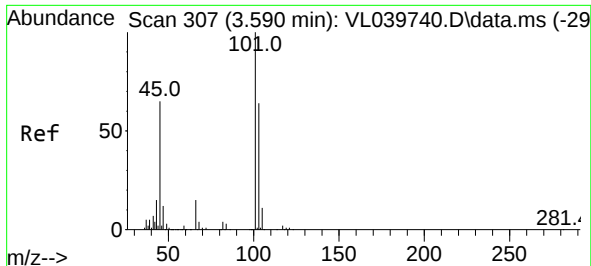
Ion Ratio Lower Upper

96 100

61 187.5 152.7 229.1

98 63.2 50.2 75.2





#19

Isopropyl Alcohol

Concen: 1.425 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.010 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

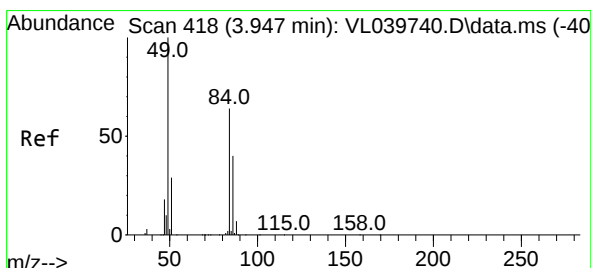
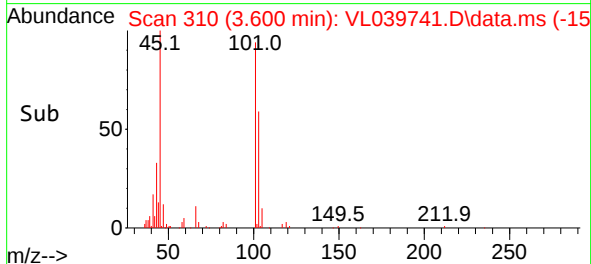
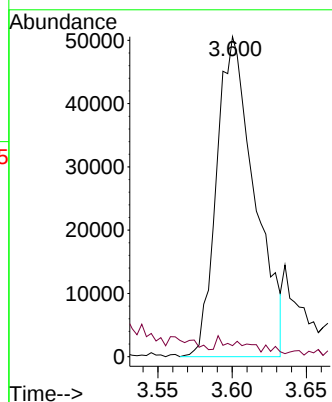
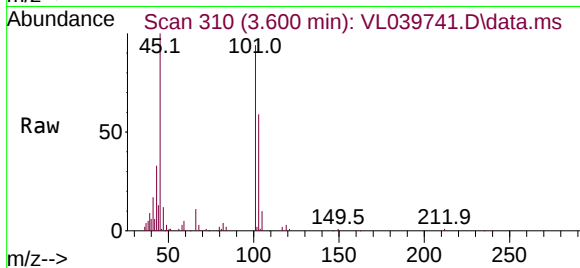
VSTDIC002

Tgt Ion: 45 Resp: 90134

Ion Ratio Lower Upper

45 100

58 6.9 3.3 4.9#



#20

Methylene Chloride

Concen: 1.786 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion: 84 Resp: 92996

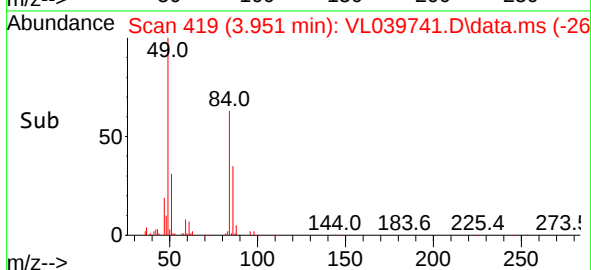
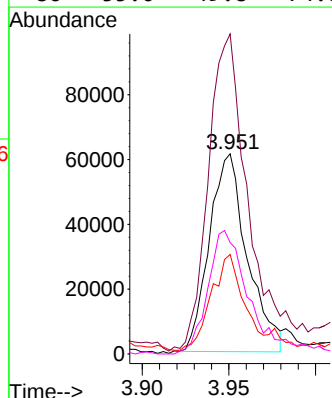
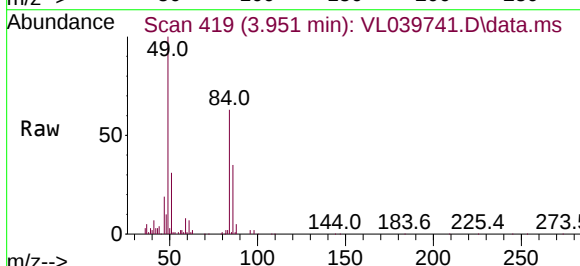
Ion Ratio Lower Upper

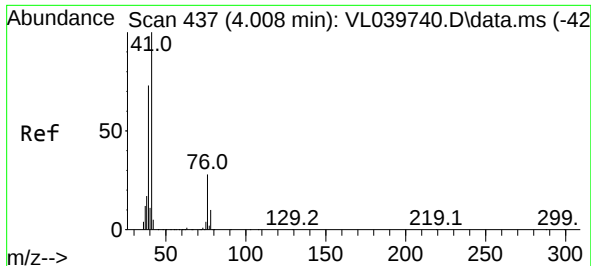
84 100

49 159.1 124.2 186.4

51 48.5 36.6 54.8

86 55.0 49.8 74.8

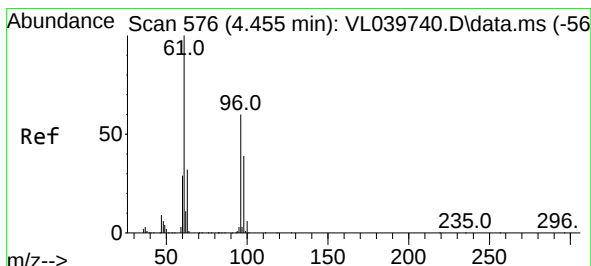
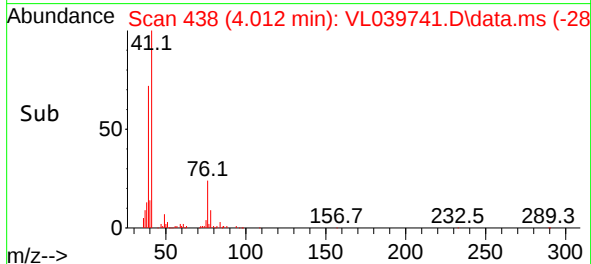
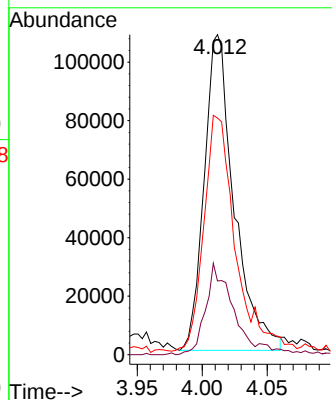
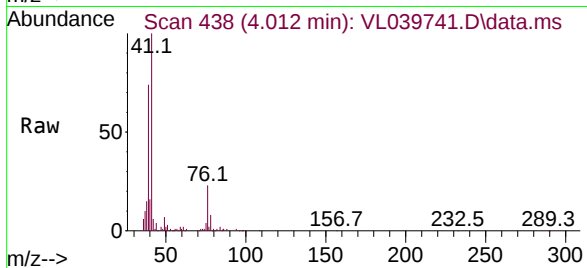




#21
 Allyl Chloride
 Concen: 1.940 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

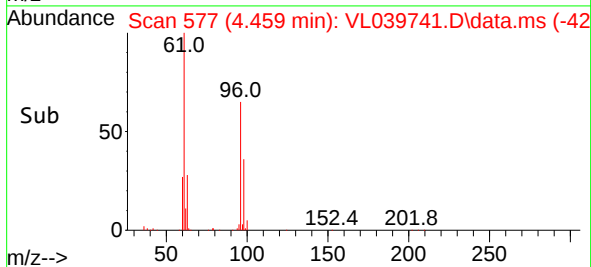
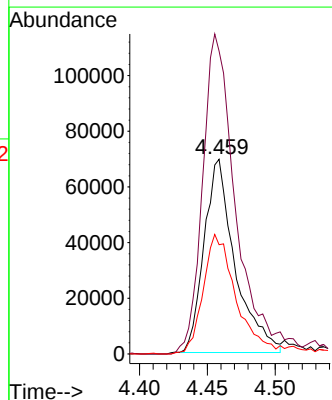
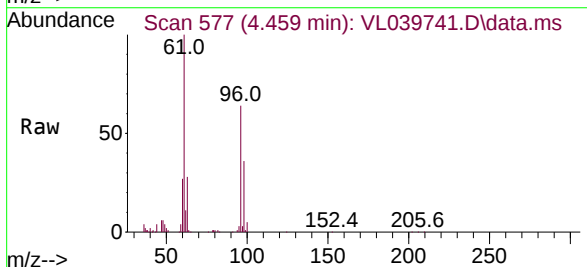
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

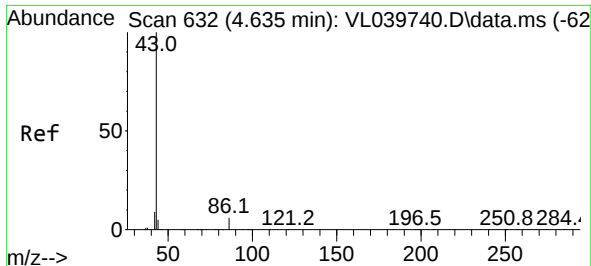
Tgt Ion: 41 Resp: 173427
 Ion Ratio Lower Upper
 41 100
 76 28.1 23.5 35.3
 39 80.8 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 1.888 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 96 Resp: 110635
 Ion Ratio Lower Upper
 96 100
 61 152.7 132.9 199.3
 98 55.5 51.6 77.4

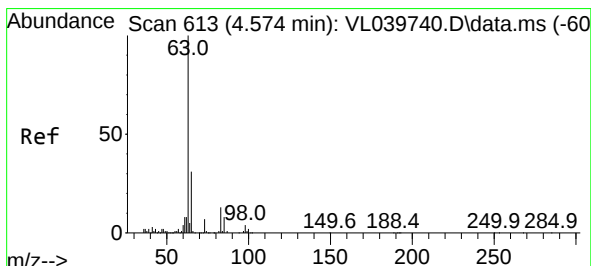
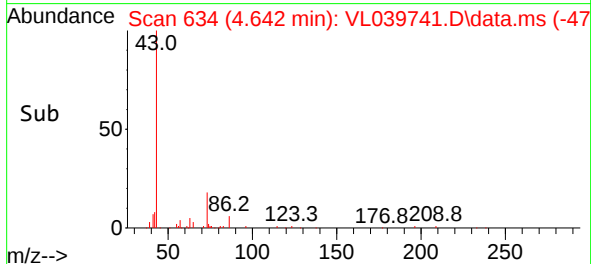
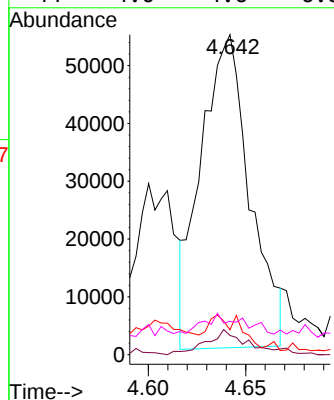
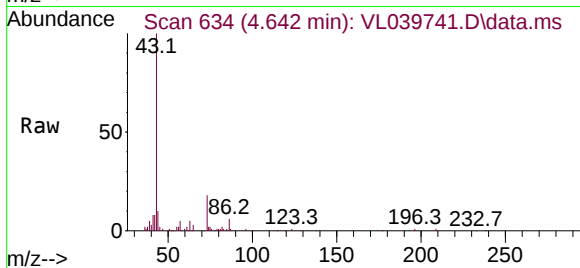




#23
 Vinyl Acetate
 Concen: 1.734 ppbv
 RT: 4.642 min Scan# 613
 Delta R.T. 0.006 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

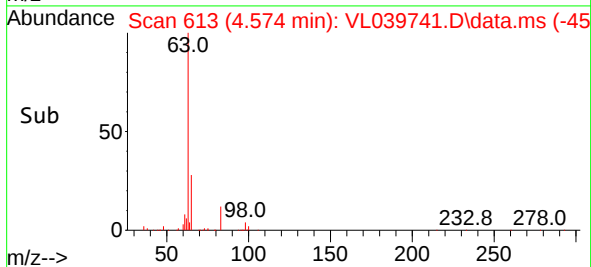
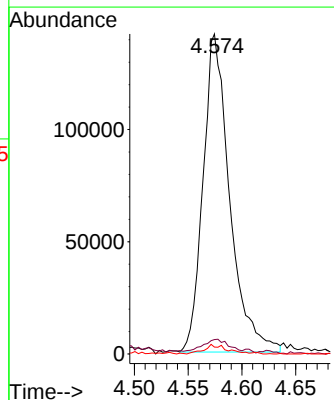
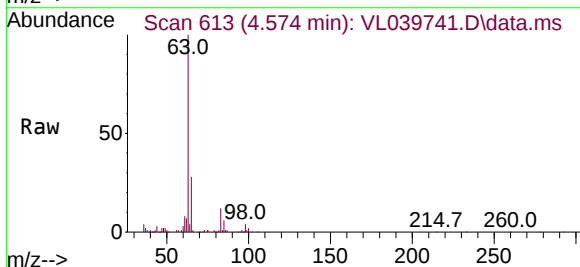
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

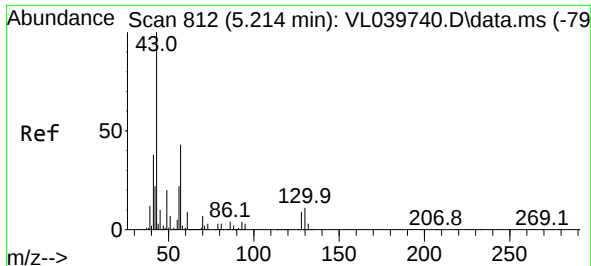
Tgt Ion:	43	Resp:	94757
Ion	Ratio	Lower	Upper
43	100		
86	6.3	4.3	6.5
42	8.3	7.9	11.9
44	4.0	4.6	6.8



#24
 1,1-Dichloroethane
 Concen: 1.965 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion:	63	Resp:	244869
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.0	1.2	3.6





#25

Ethyl Acetate

Concen: 2.065 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 43 Resp: 535773

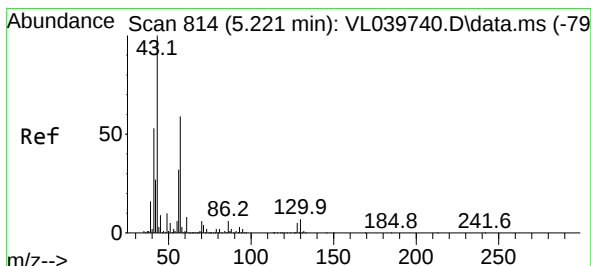
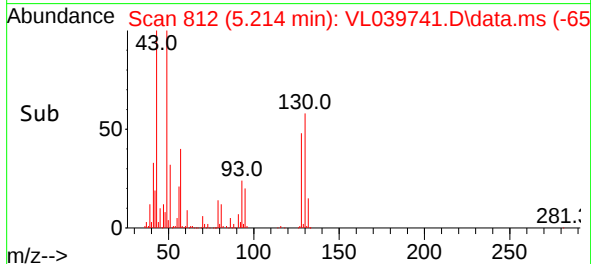
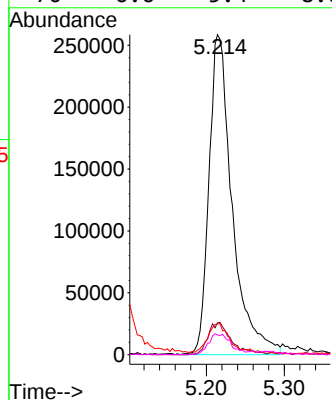
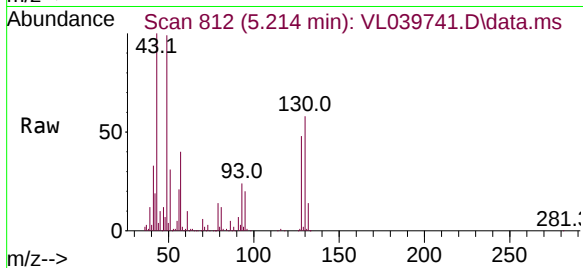
Ion Ratio Lower Upper

43 100

45 10.6 8.1 12.1

61 10.6 7.5 11.3

70 6.6 5.4 8.0



#26

Hexane

Concen: 2.042 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion: 57 Resp: 215789

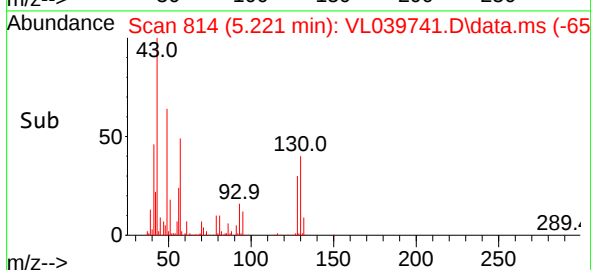
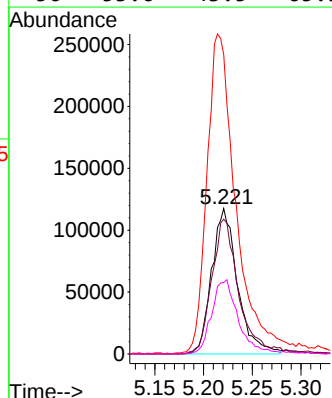
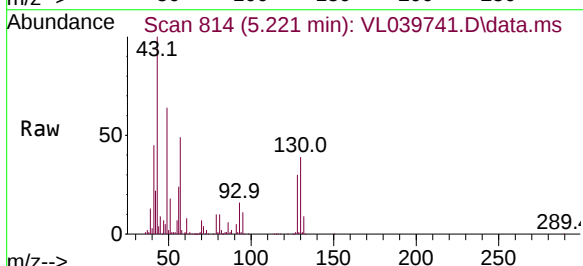
Ion Ratio Lower Upper

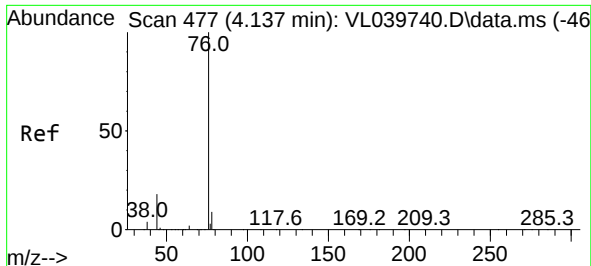
57 100

41 99.1 76.8 115.2

43 254.3 201.0 301.4

56 53.6 43.5 65.3

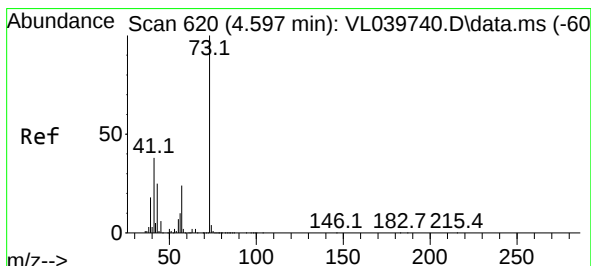
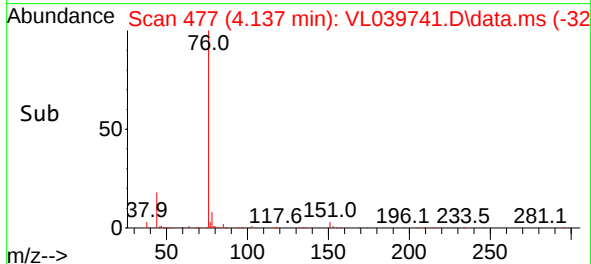
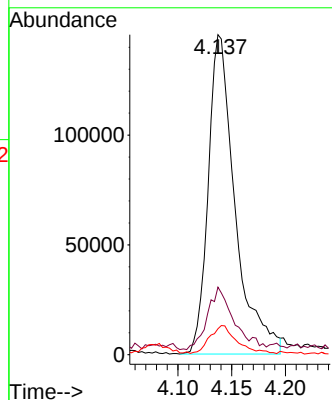
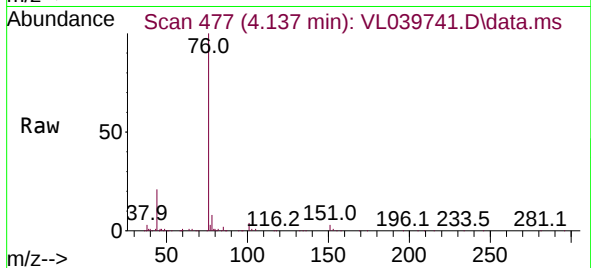




#27
Carbon Disulfide
Concen: 1.914 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

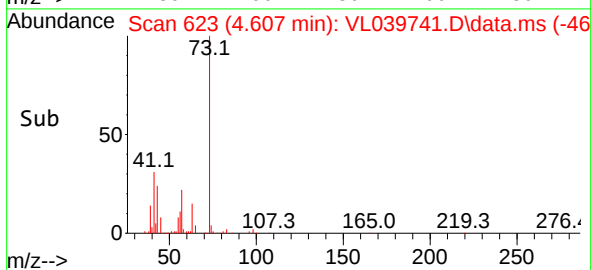
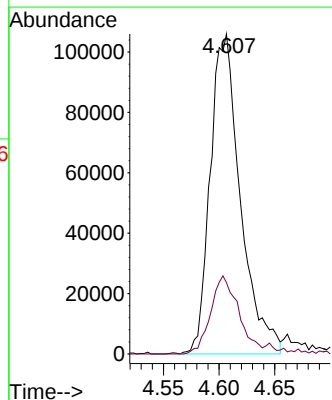
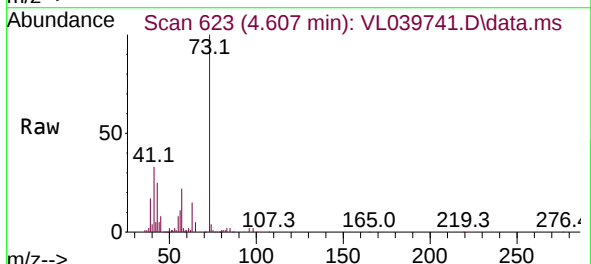
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

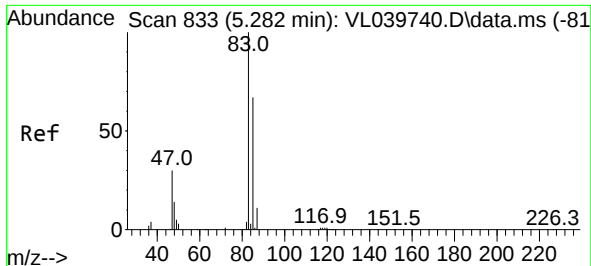
Tgt Ion: 76 Resp: 253270
Ion Ratio Lower Upper
76 100
44 20.7 14.5 21.7
78 10.3 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 1.993 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 73 Resp: 199742
Ion Ratio Lower Upper
73 100
57 25.0 19.4 29.2





#29

Chloroform

Concen: 1.954 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

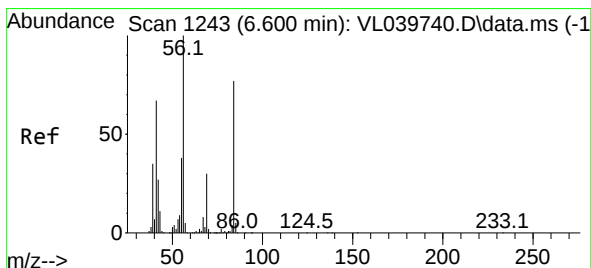
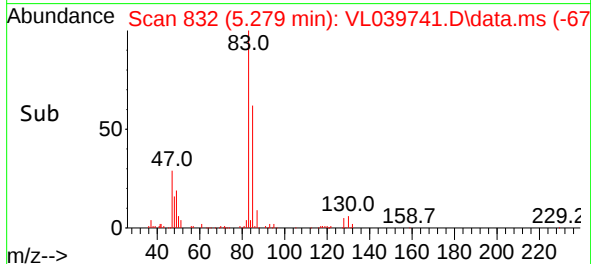
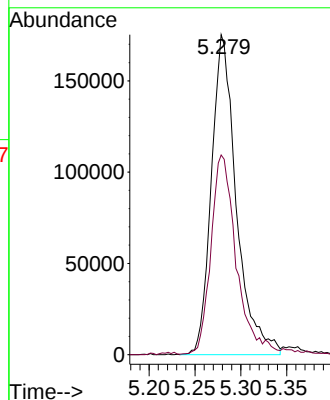
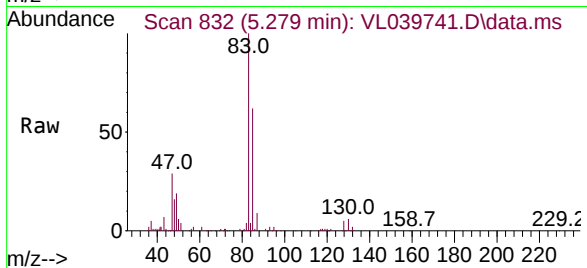
VSTDICC002

Tgt Ion: 83 Resp: 331035

Ion Ratio Lower Upper

83 100

85 62.2 53.5 80.3



#30

Cyclohexane

Concen: 1.899 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

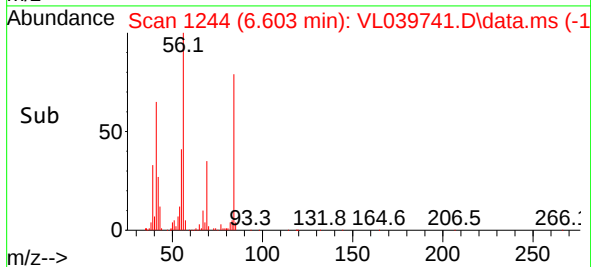
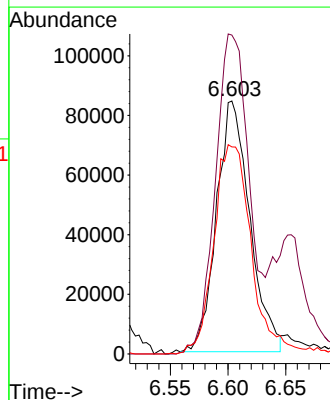
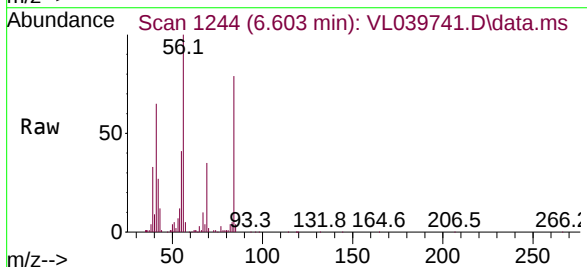
Tgt Ion: 84 Resp: 168721

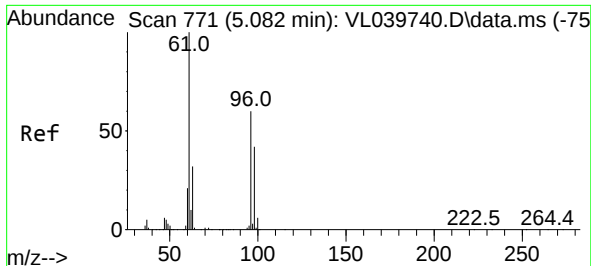
Ion Ratio Lower Upper

84 100

56 133.4 114.2 171.4

41 95.3 74.2 111.2

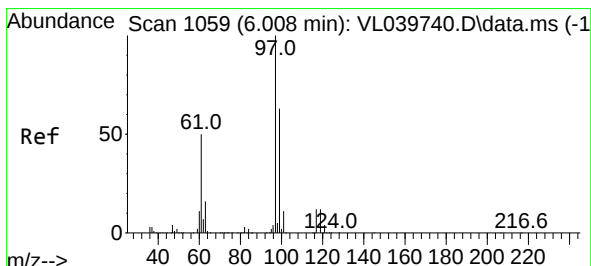
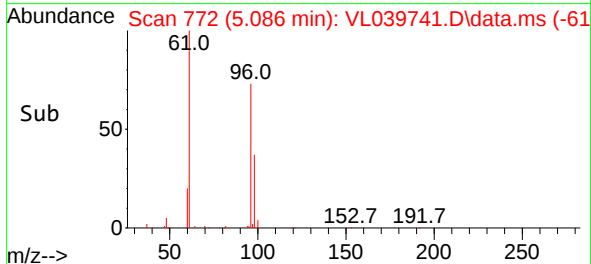
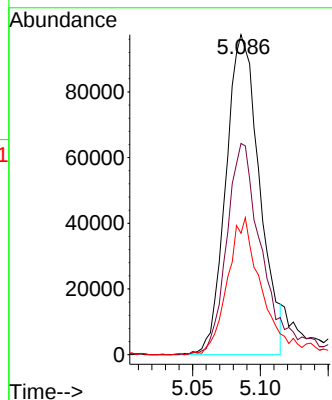
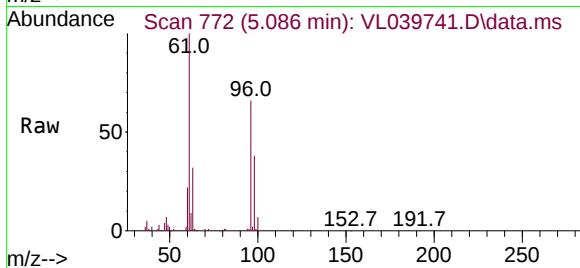




#31
 cis-1,2-Dichloroethene
 Concen: 1.773 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

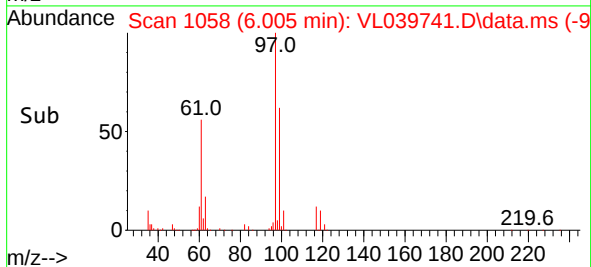
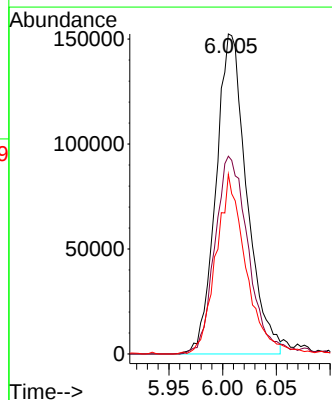
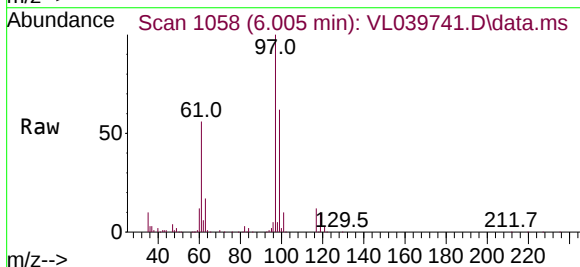
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

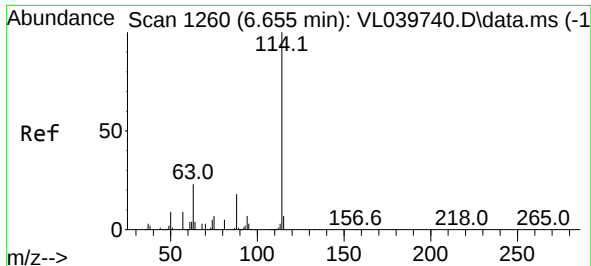
Tgt Ion: 61 Resp: 168023
 Ion Ratio Lower Upper
 61 100
 96 65.7 48.3 72.5
 98 37.6 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 2.065 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 97 Resp: 303438
 Ion Ratio Lower Upper
 97 100
 99 68.0 53.0 79.4
 61 55.3 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

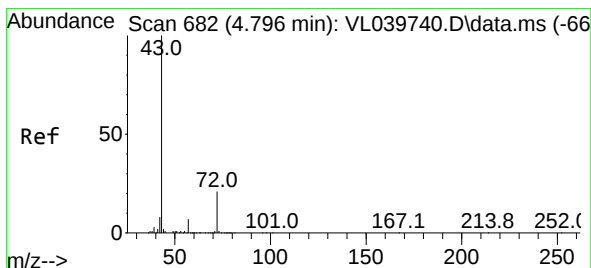
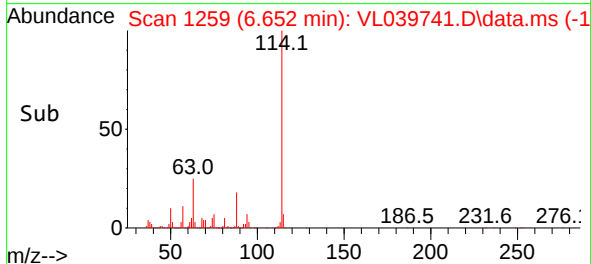
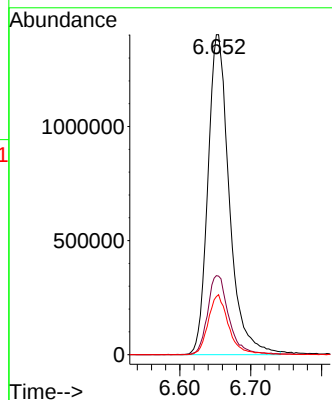
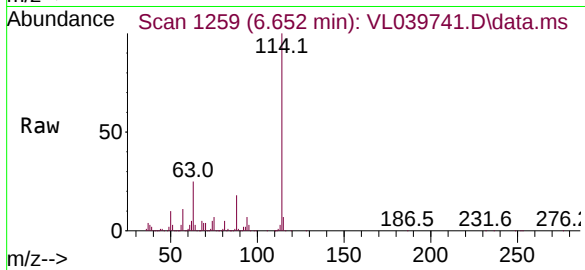
Tgt Ion:114 Resp: 2939328

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 18.1 14.2 21.4



#34

2-Butanone

Concen: 2.001 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL039741.D

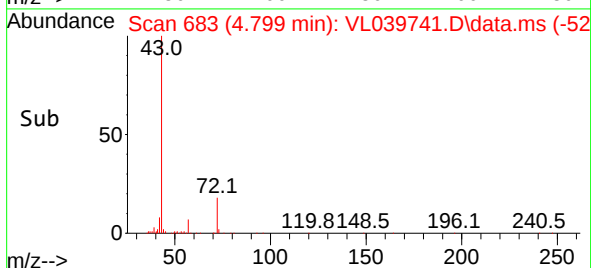
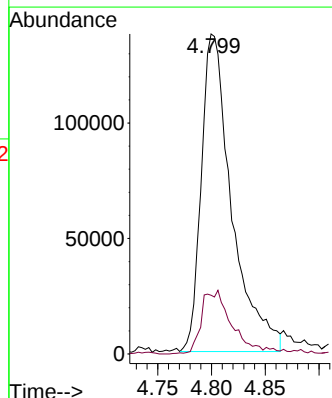
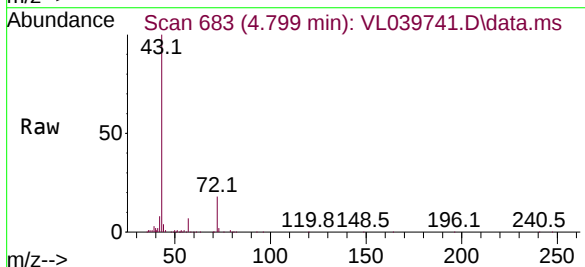
Acq: 21 Oct 2022 10:44

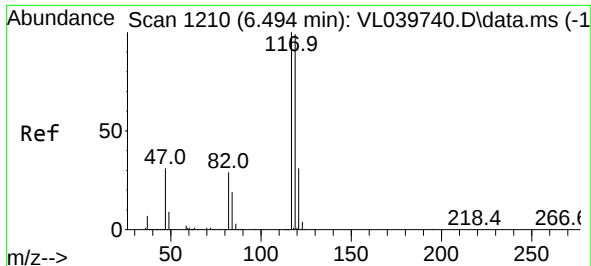
Tgt Ion: 43 Resp: 271324

Ion Ratio Lower Upper

43 100

72 20.5 17.1 25.7

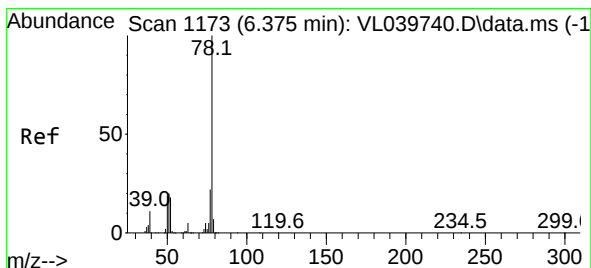
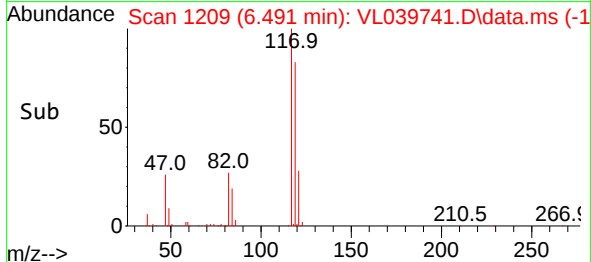
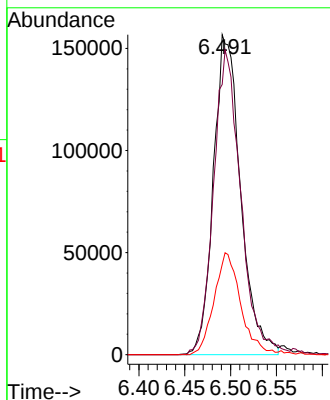
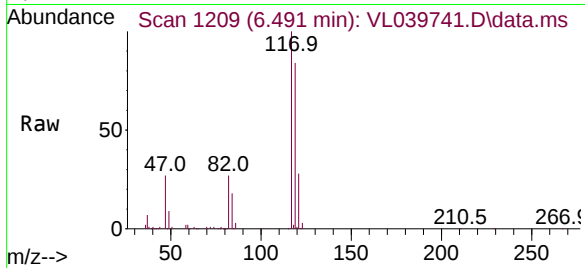




#35
Carbon Tetrachloride
Concen: 2.116 ppbv
RT: 6.491 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

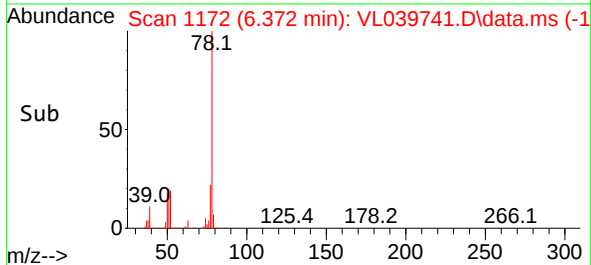
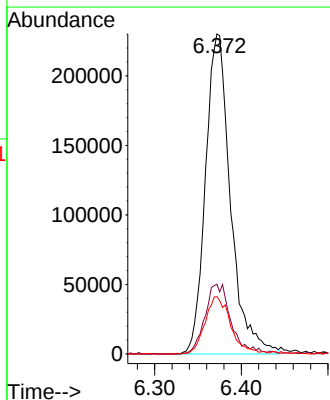
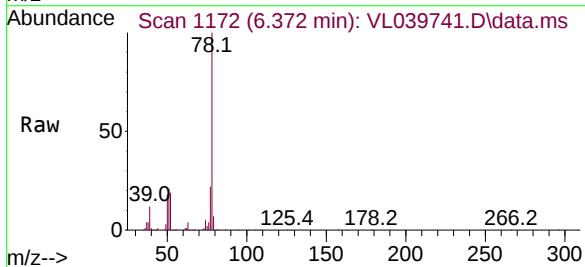
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

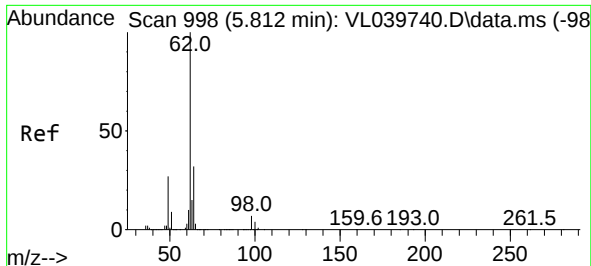
Tgt Ion:117 Resp: 322345
Ion Ratio Lower Upper
117 100
119 84.4 79.2 118.8
121 28.2 25.0 37.6



#36
Benzene
Concen: 2.082 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 78 Resp: 461849
Ion Ratio Lower Upper
78 100
77 21.8 17.3 25.9
50 17.7 14.9 22.3





#37

1,2-Dichloroethane

Concen: 1.972 ppbv

RT: 5.806 min Scan# 99

Delta R.T. -0.006 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

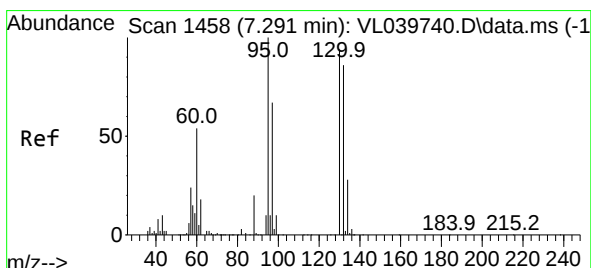
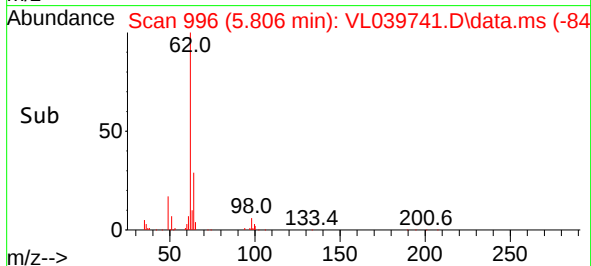
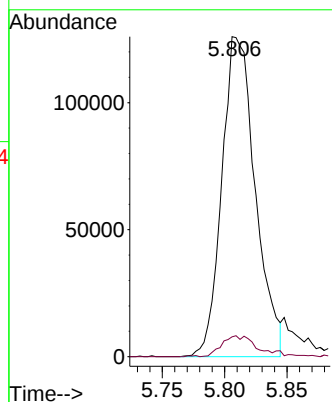
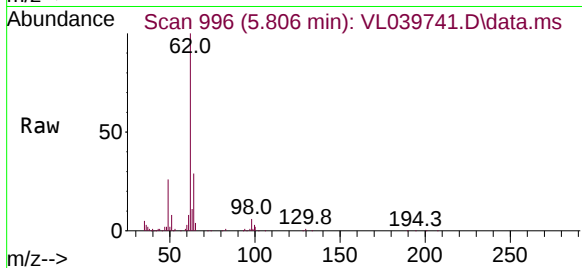
VSTDIC002

Tgt Ion: 62 Resp: 235691

Ion Ratio Lower Upper

62 100

98 7.3 5.4 8.0



#38

Trichloroethene

Concen: 2.108 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion:130 Resp: 250830

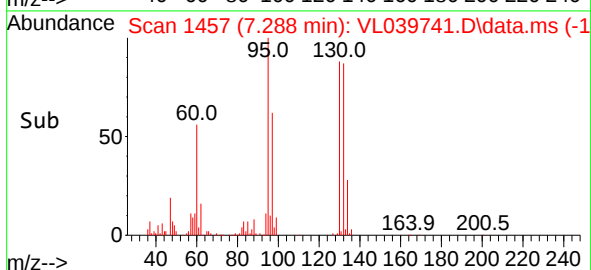
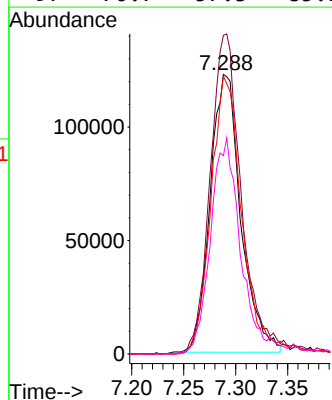
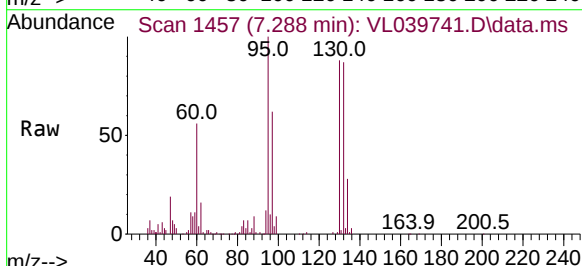
Ion Ratio Lower Upper

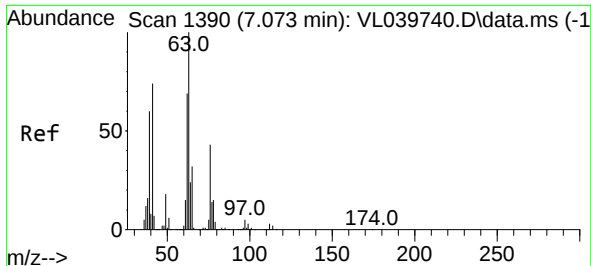
130 100

95 114.0 85.4 128.2

132 100.1 73.0 109.6

97 70.7 57.3 85.9





#39

1,2-Dichloropropane

Concen: 1.961 ppbv

RT: 7.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

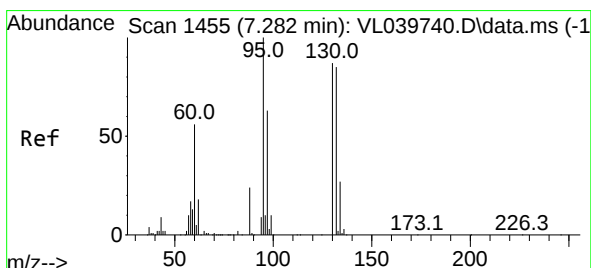
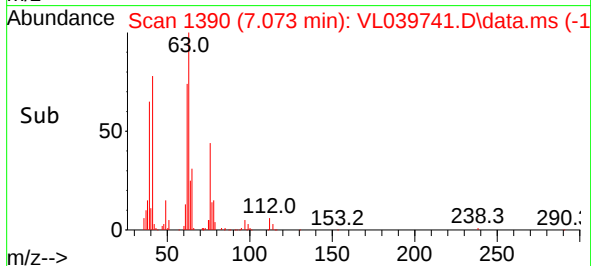
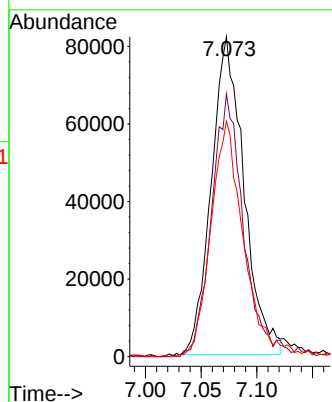
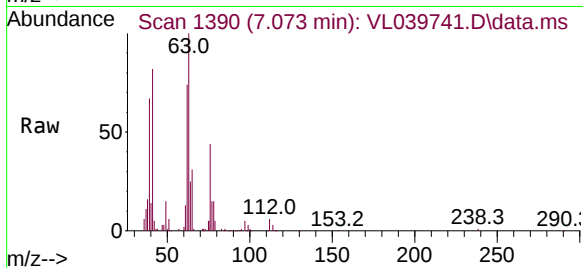
Tgt Ion: 63 Resp: 166914

Ion Ratio Lower Upper

63 100

41 82.6 59.5 89.3

62 73.4 55.2 82.8



#40

1,4-Dioxane

Concen: 0.698 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.016 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion: 88 Resp: 22759

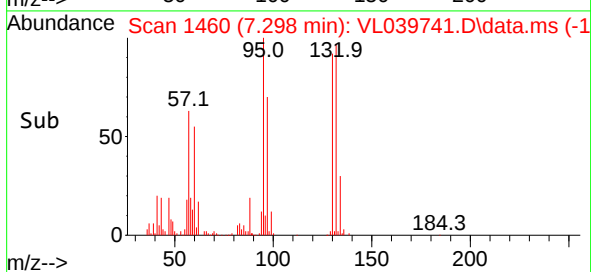
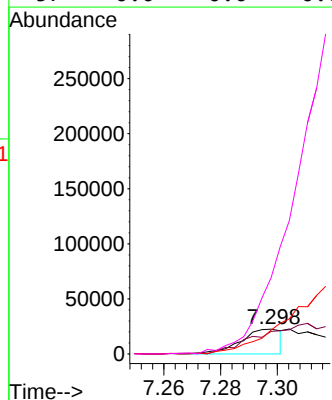
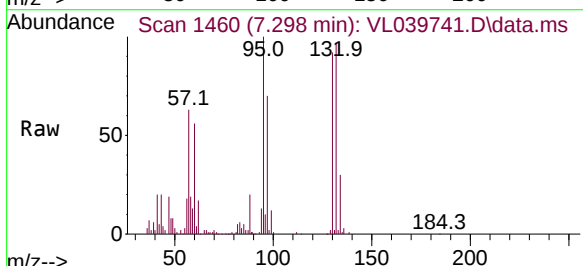
Ion Ratio Lower Upper

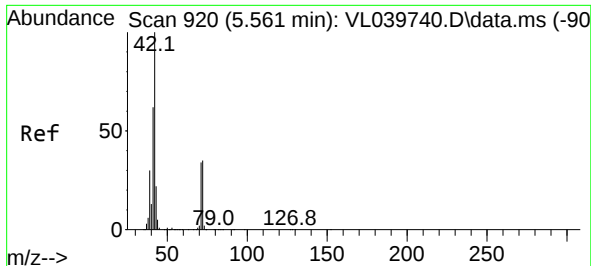
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

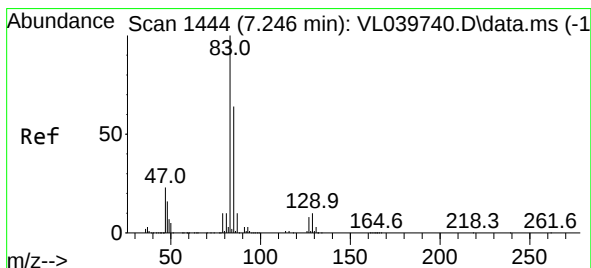
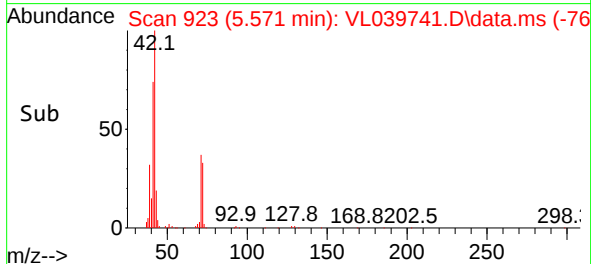
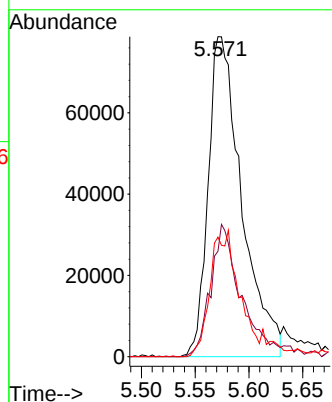
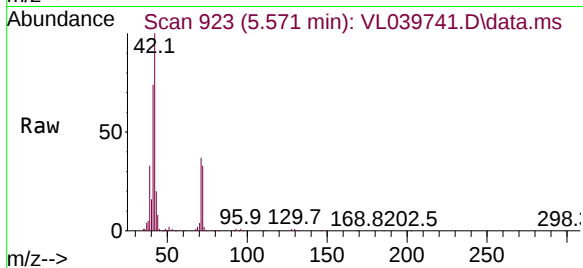




#41
Tetrahydrofuran
Concen: 1.965 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

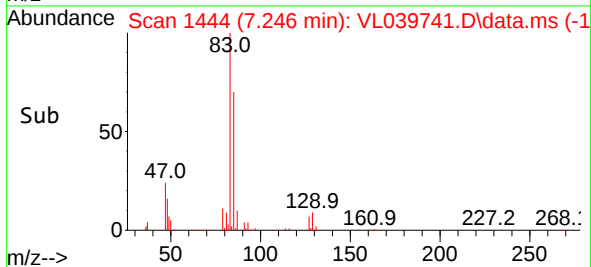
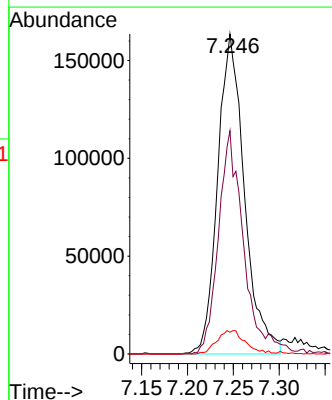
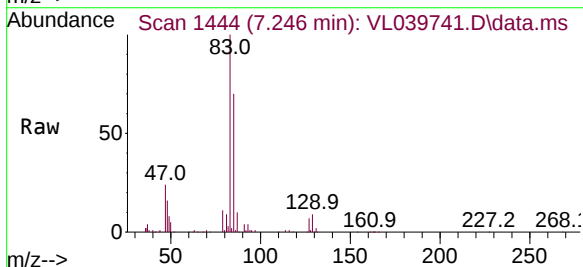
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

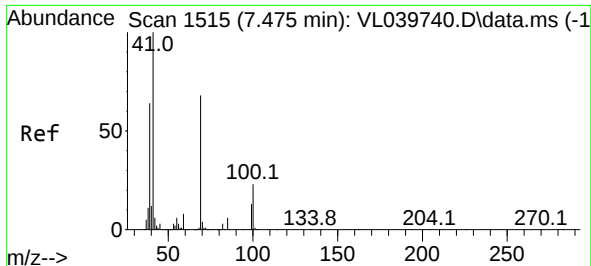
Tgt Ion: 42 Resp: 170841
Ion Ratio Lower Upper
42 100
72 39.1 30.0 45.0
71 38.6 29.3 43.9



#42
Bromodichloromethane
Concen: 2.019 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 83 Resp: 331259
Ion Ratio Lower Upper
83 100
85 69.8 51.0 76.6
127 6.8 6.5 9.7

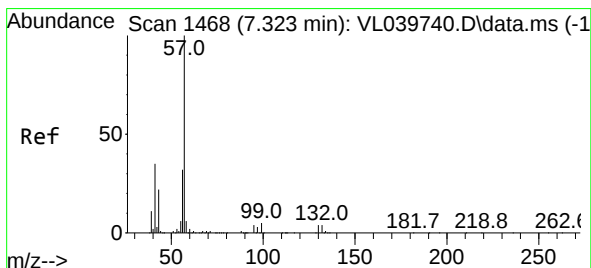
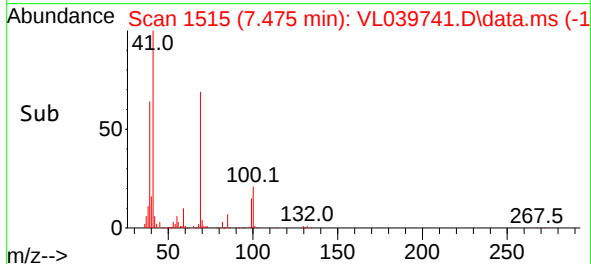
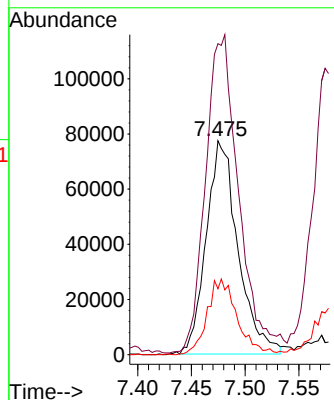
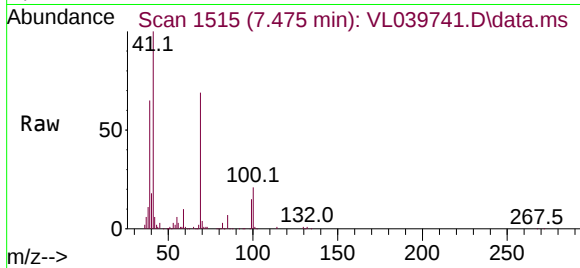




#43
Methyl Methacrylate
Concen: 1.995 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

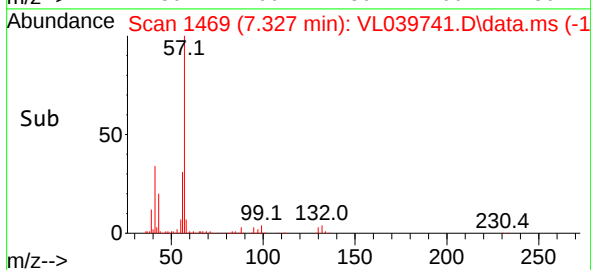
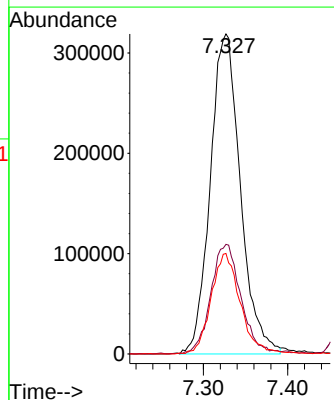
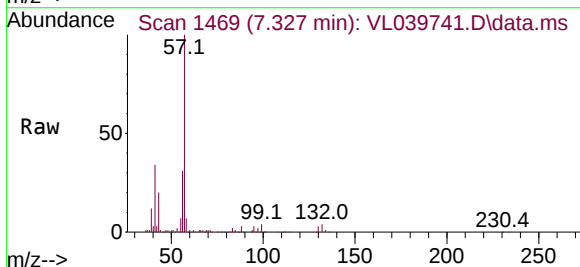
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

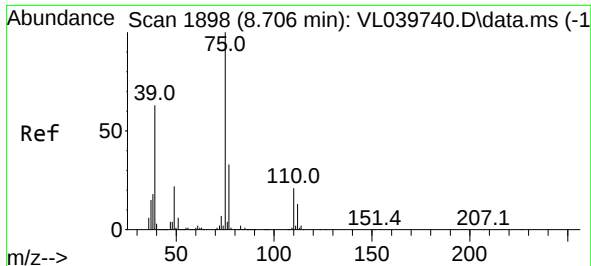
Tgt Ion: 69 Resp: 159198
Ion Ratio Lower Upper
69 100
41 156.0 124.6 186.8
100 33.3 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 2.109 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 57 Resp: 792554
Ion Ratio Lower Upper
57 100
41 34.3 27.1 40.7
56 30.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 1.746 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

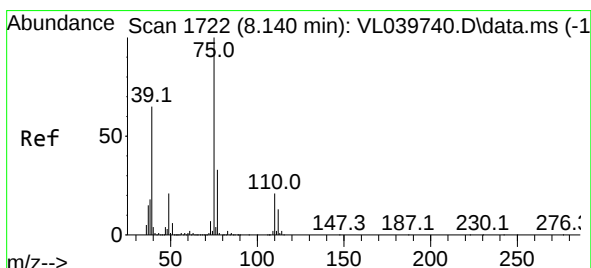
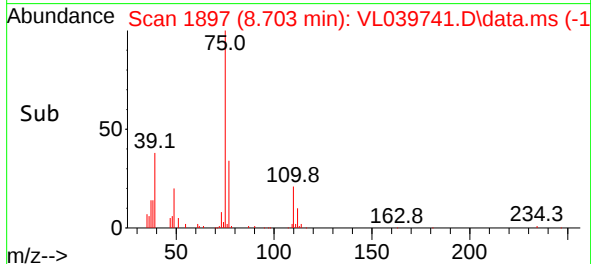
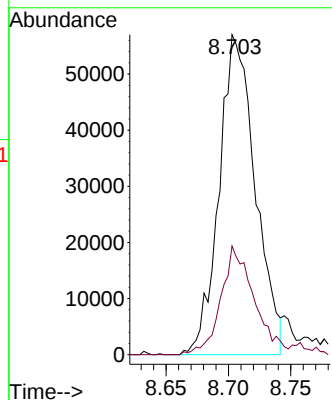
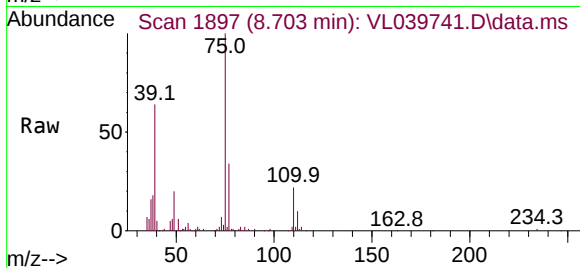
VSTDIC002

Tgt Ion: 75 Resp: 115303

Ion Ratio Lower Upper

75 100

77 34.0 26.6 39.8



#46

cis-1,3-Dichloropropene

Concen: 1.858 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

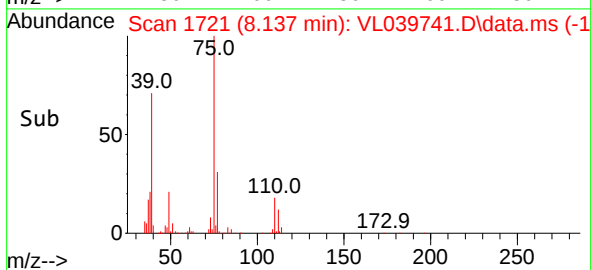
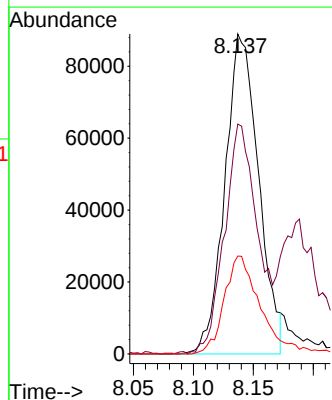
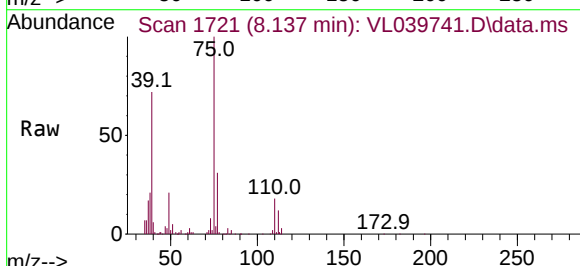
Tgt Ion: 75 Resp: 173830

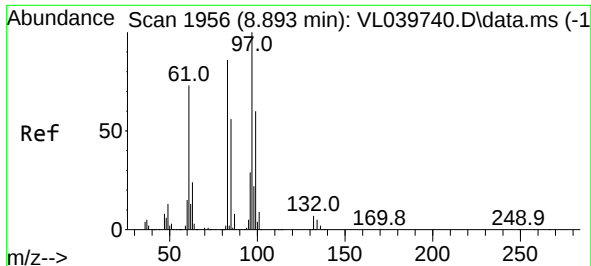
Ion Ratio Lower Upper

75 100

39 71.2 52.2 78.4

77 30.6 26.6 40.0



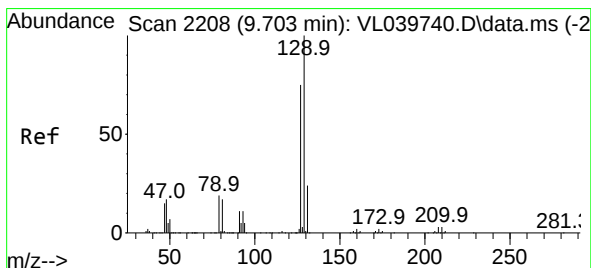
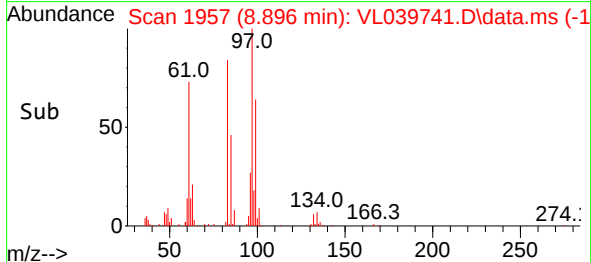
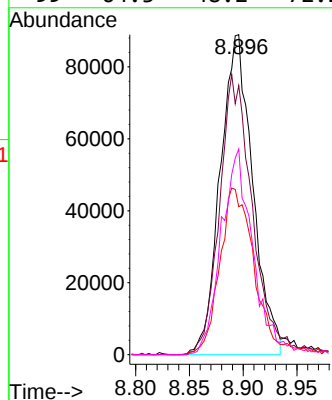
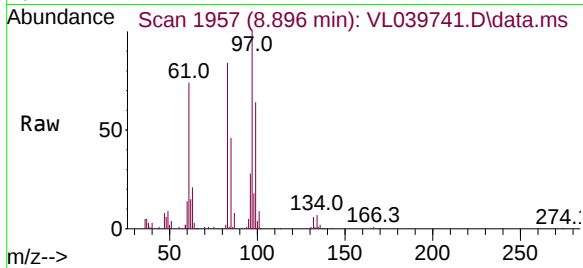


#47
1,1,2-Trichloroethane
Concen: 2.017 ppbv
RT: 8.896 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 97 Resp: 186396

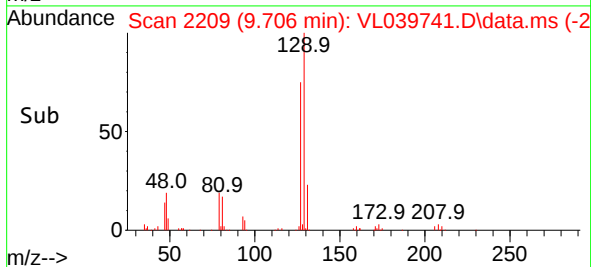
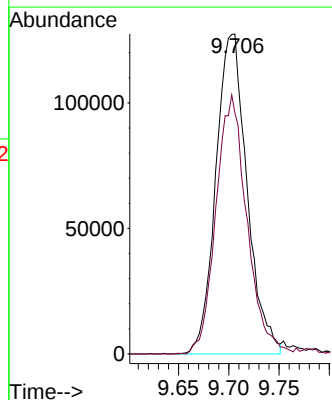
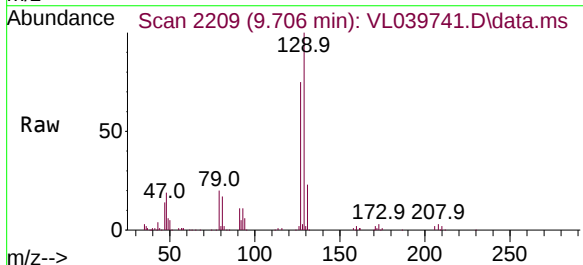
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.8	103.2
85	46.2	44.8	67.2
99	64.3	48.2	72.2

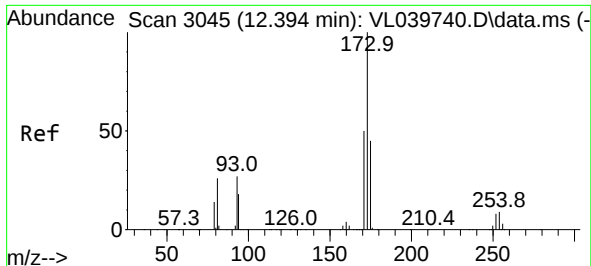


#48
Dibromochloromethane
Concen: 1.973 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 129 Resp: 275036

Ion	Ratio	Lower	Upper
129	100		
127	81.2	38.9	116.6

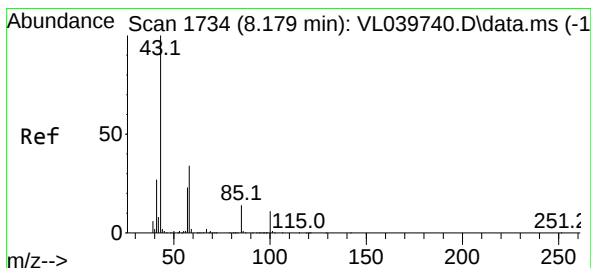
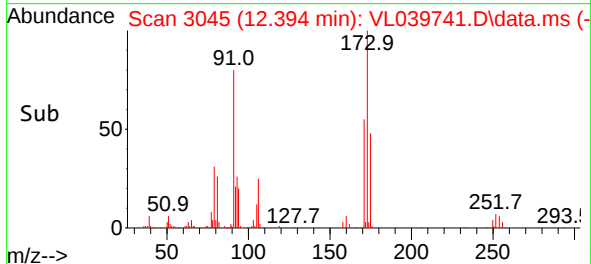
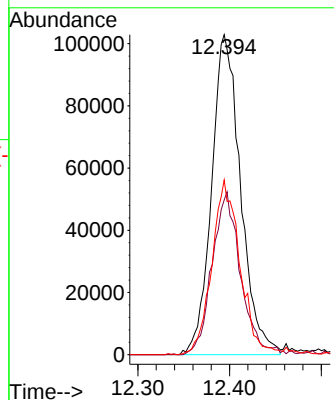
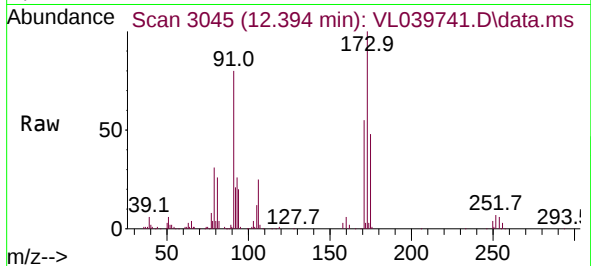




#49
Bromoform
Concen: 2.016 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

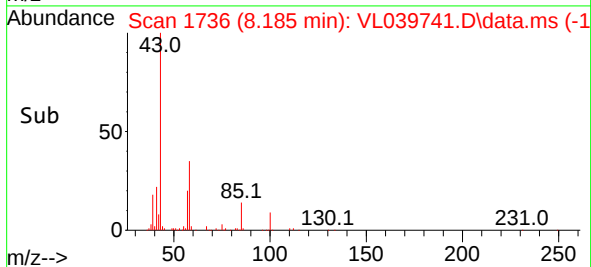
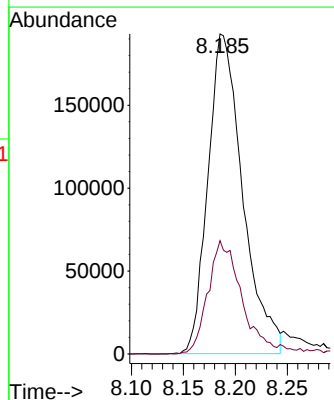
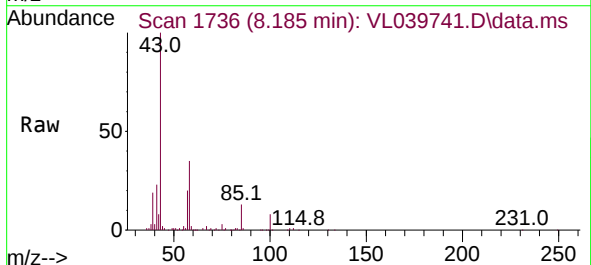
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

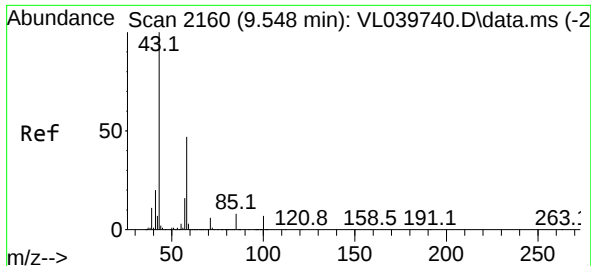
Tgt Ion:173 Resp: 226216
Ion Ratio Lower Upper
173 100
175 50.8 39.4 59.0
171 53.8 41.6 62.4



#50
4-Methyl-2-Pentanone
Concen: 2.030 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 43 Resp: 448797
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0

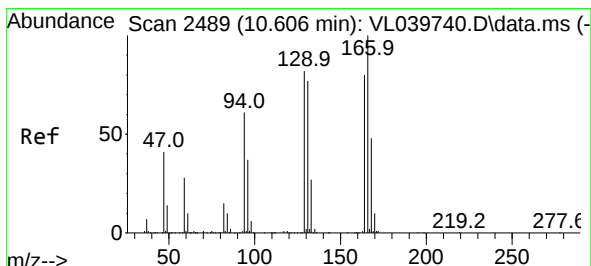
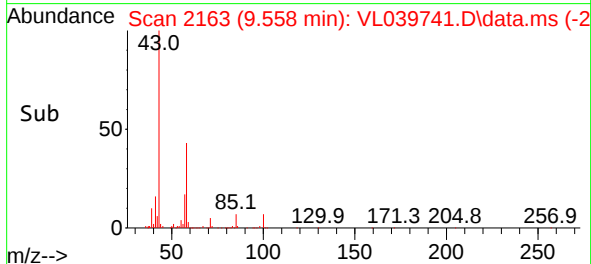
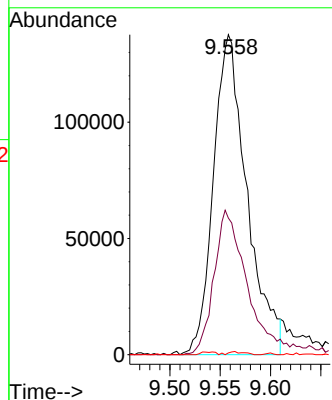
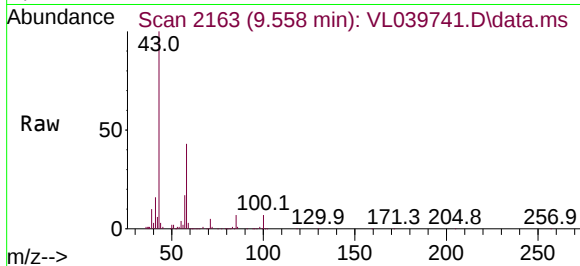




#51
2-Hexanone
Concen: 2.013 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

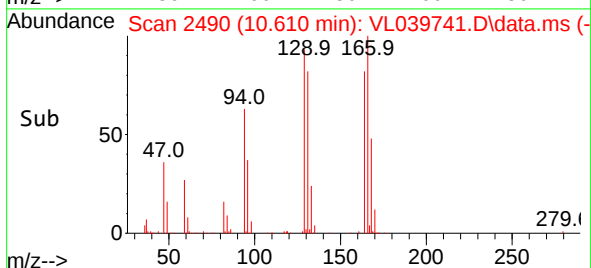
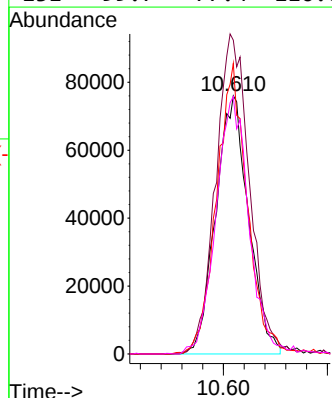
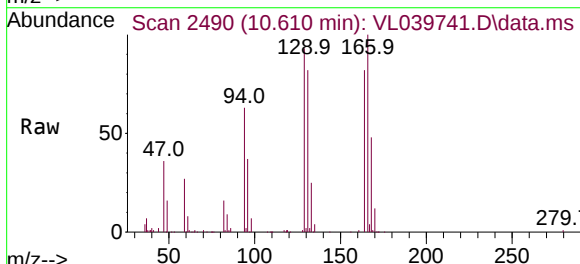
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

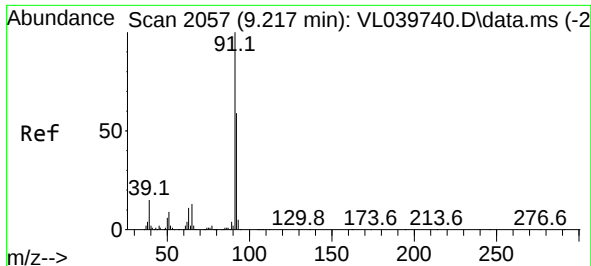
Tgt Ion: 43 Resp: 318906
Ion Ratio Lower Upper
43 100
58 46.8 37.6 56.4
98 0.4 0.6 0.8#



#52
Tetrachloroethene
Concen: 2.087 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion:164 Resp: 167153
Ion Ratio Lower Upper
164 100
166 121.2 100.0 150.0
129 111.9 82.1 123.1
131 99.7 77.4 116.0

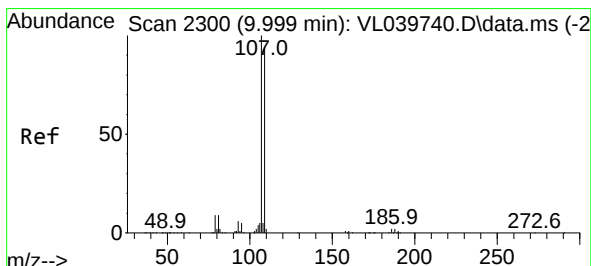
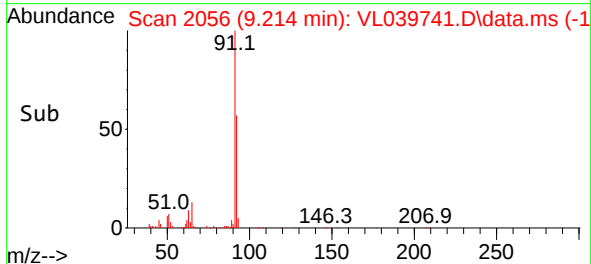
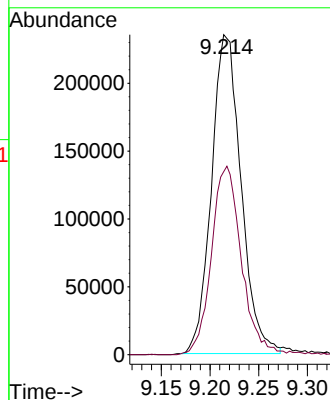
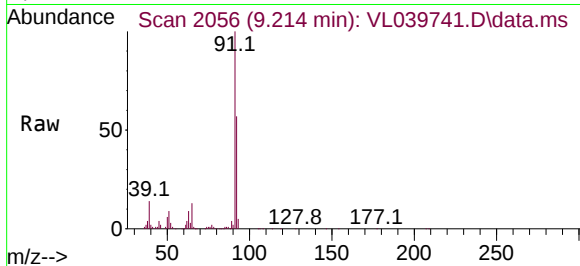




#53
Toluene
Concen: 2.073 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

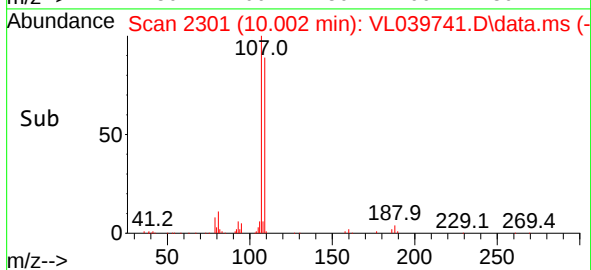
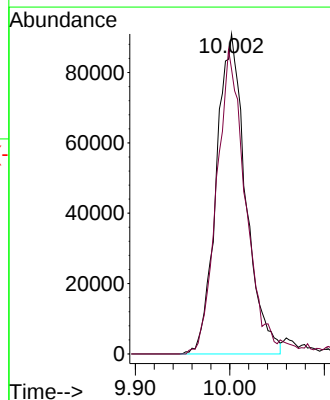
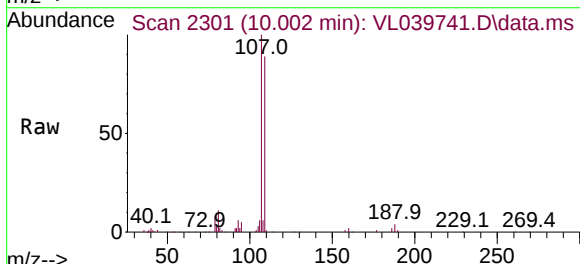
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

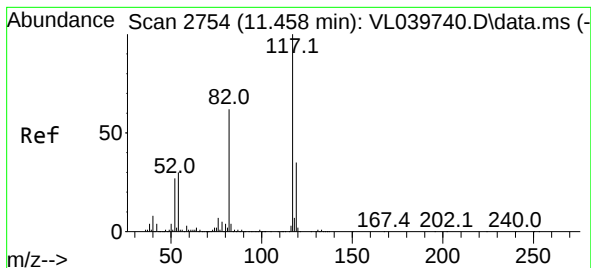
Tgt Ion: 91 Resp: 496598
Ion Ratio Lower Upper
91 100
92 60.1 47.7 71.5



#54
1,2-Dibromoethane
Concen: 2.116 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 107 Resp: 196635
Ion Ratio Lower Upper
107 100
109 89.0 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002

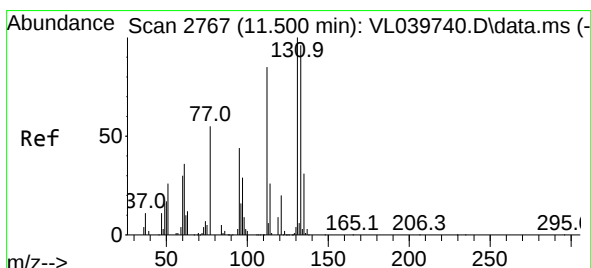
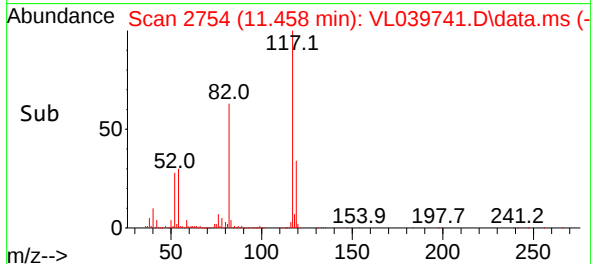
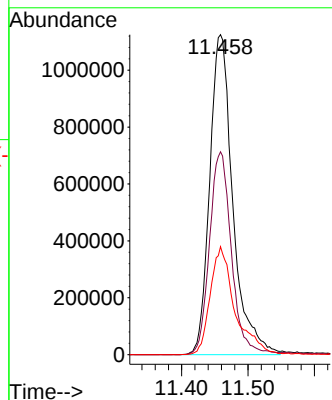
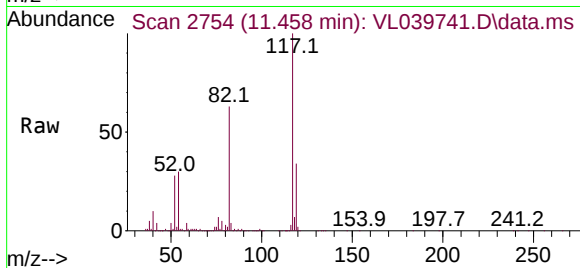
Tgt Ion:117 Resp: 2726545

Ion Ratio Lower Upper

117 100

82 60.8 51.4 77.0

119 36.3 24.6 36.8



#56

1,1,1,2-Tetrachloroethane

Concen: 2.077 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

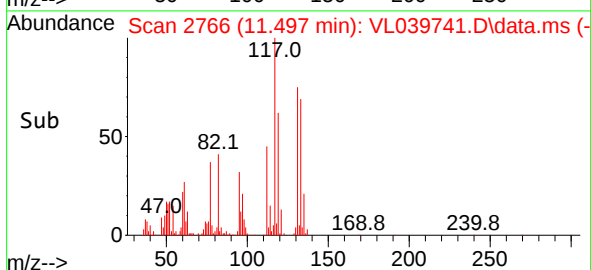
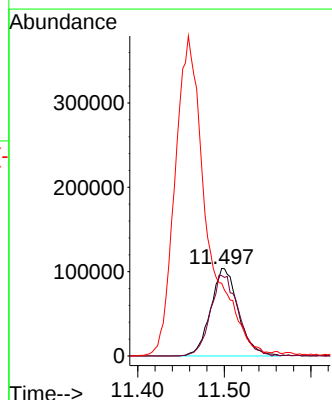
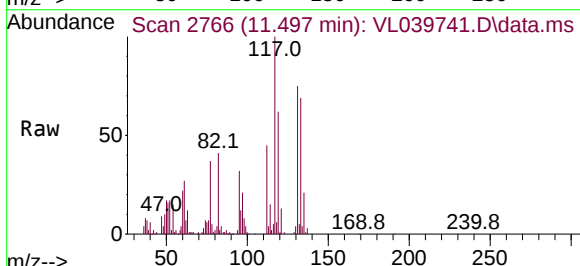
Tgt Ion:131 Resp: 229829

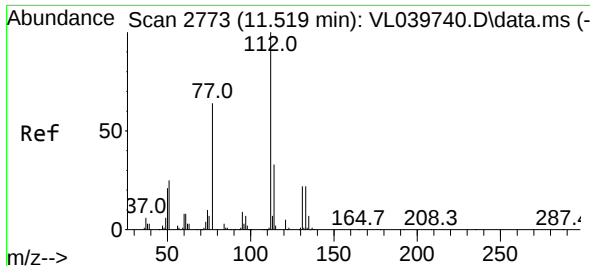
Ion Ratio Lower Upper

131 100

133 94.6 77.2 115.8

119 430.0 55.5 83.3#

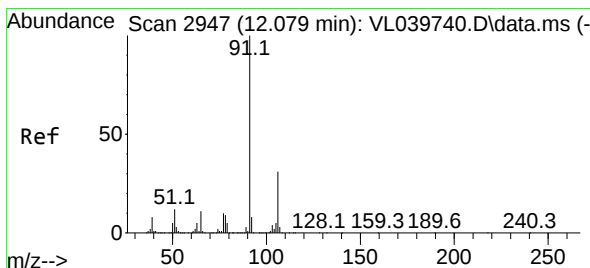
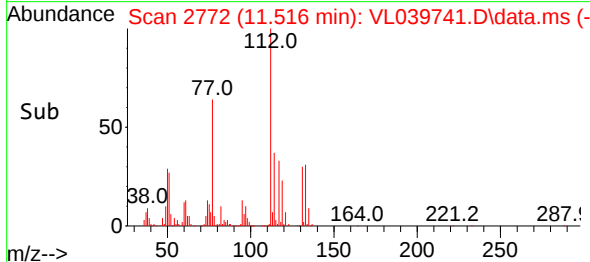
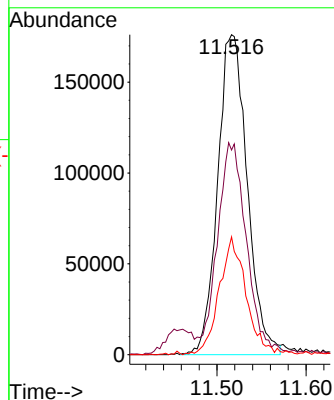
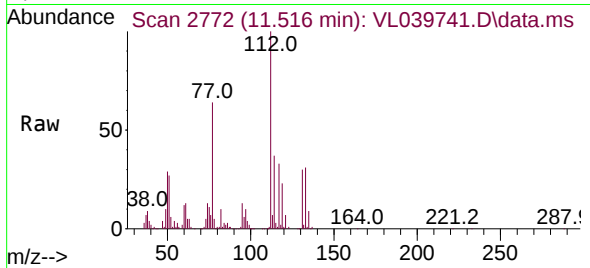




#57
Chlorobenzene
Concen: 2.029 ppbv
RT: 11.516 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

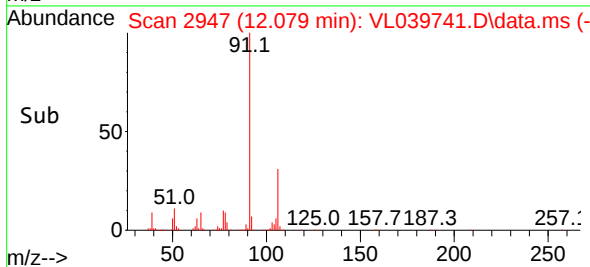
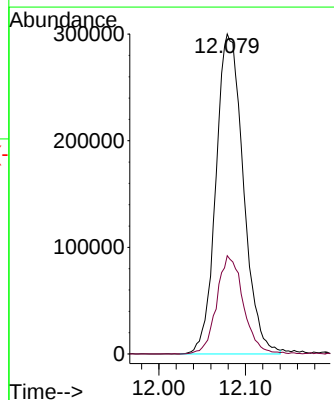
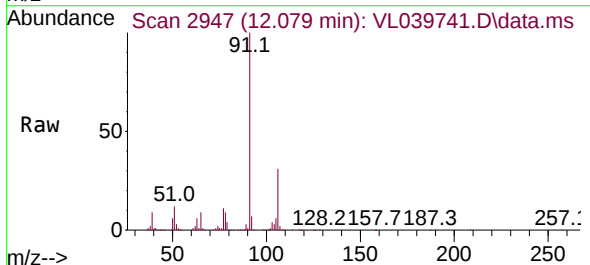
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

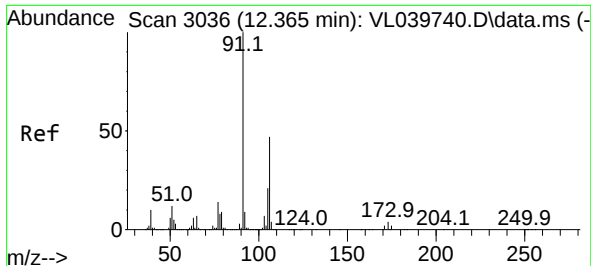
Tgt Ion:112 Resp: 405842
Ion Ratio Lower Upper
112 100
77 62.0 51.4 77.2
114 36.4 30.0 36.6



#58
Ethyl Benzene
Concen: 2.094 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 91 Resp: 659479
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8





#59

m/p-Xylene

Concen: 1.835 ppbv

RT: 12.362 min Scan# 3036

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

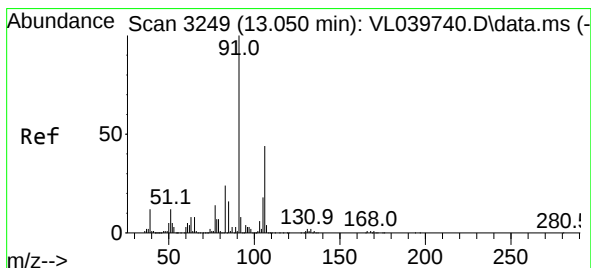
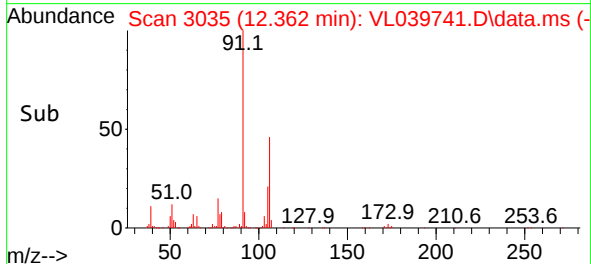
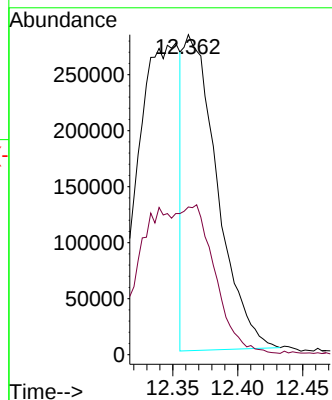
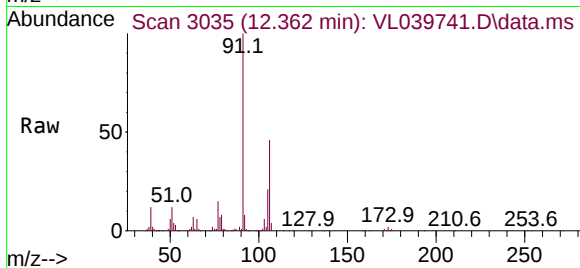
VSTDIC002

Tgt Ion: 91 Resp: 510650

Ion Ratio Lower Upper

91 100

106 101.3 36.2 54.4#



#60

o-Xylene

Concen: 2.101 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.003 min

Lab File: VL039741.D

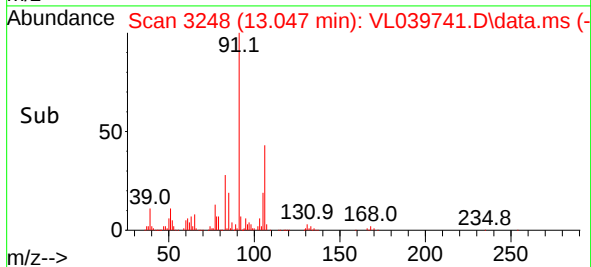
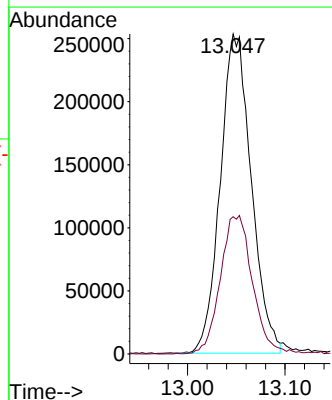
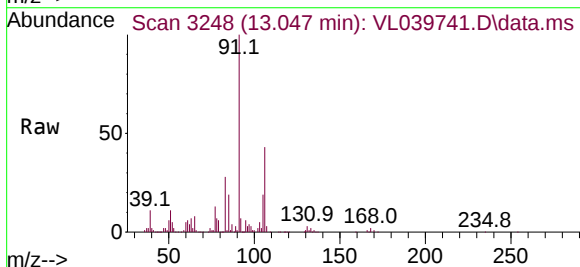
Acq: 21 Oct 2022 10:44

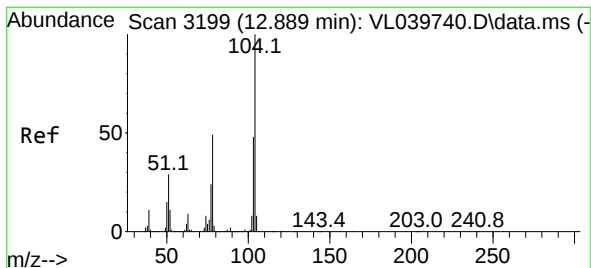
Tgt Ion: 91 Resp: 559338

Ion Ratio Lower Upper

91 100

106 45.3 22.4 67.0





#61

Styrene

Concen: 1.985 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

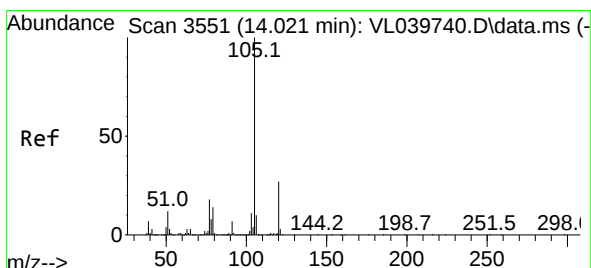
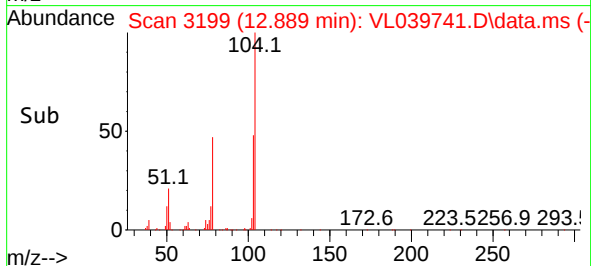
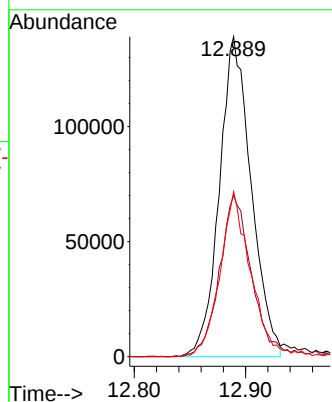
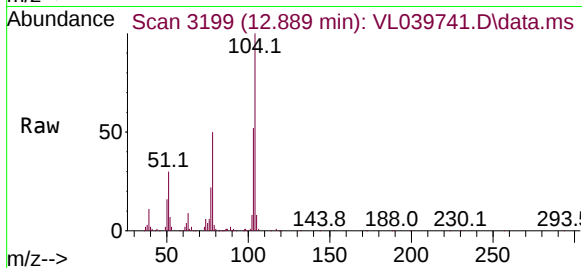
Tgt Ion:104 Resp: 276525

Ion Ratio Lower Upper

104 100

78 52.2 39.6 59.4

103 50.6 38.1 57.1



#62

Isopropylbenzene

Concen: 2.091 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL039741.D

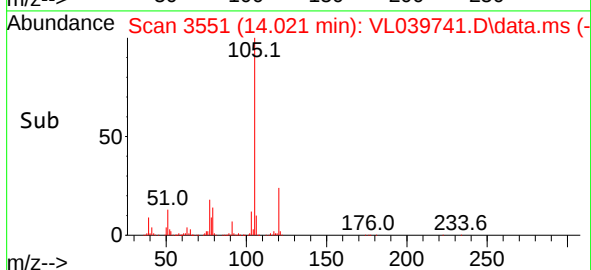
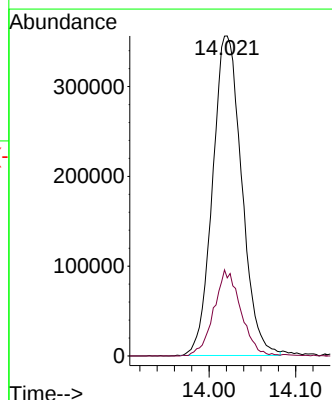
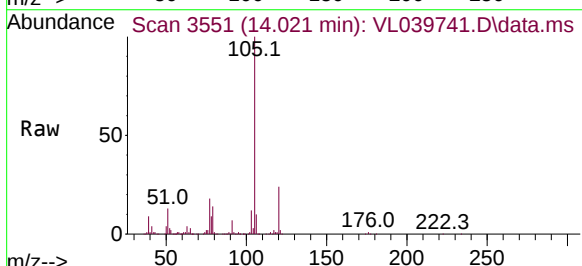
Acq: 21 Oct 2022 10:44

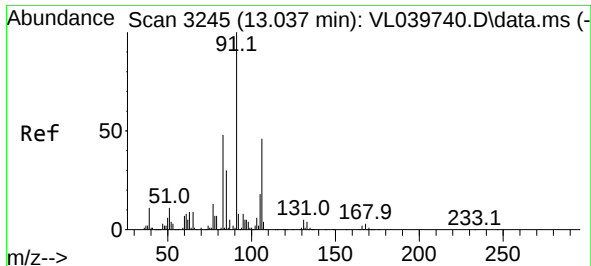
Tgt Ion:105 Resp: 829207

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

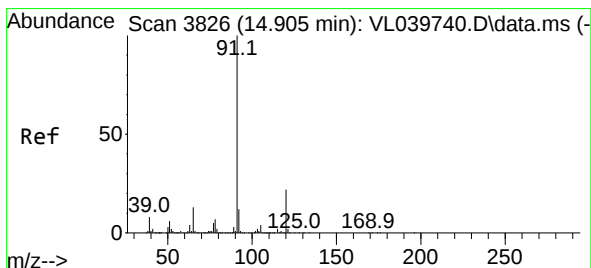
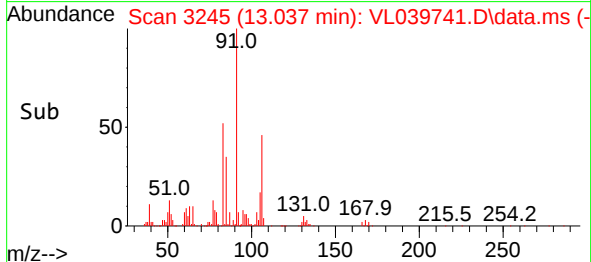
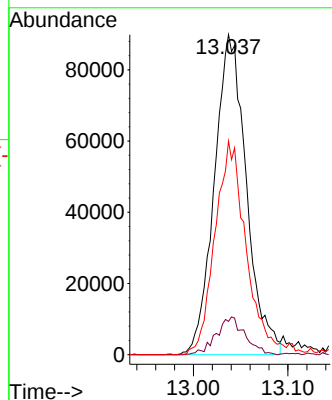
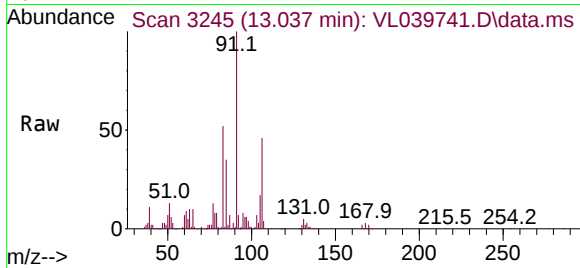




#63
1,1,2,2-Tetrachloroethane
Concen: 2.079 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

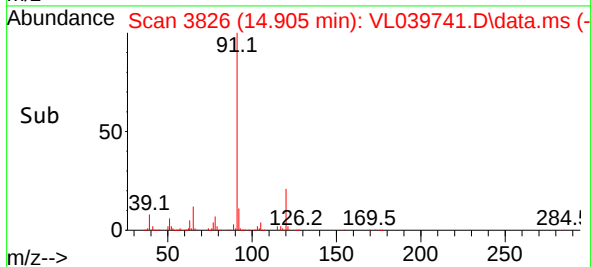
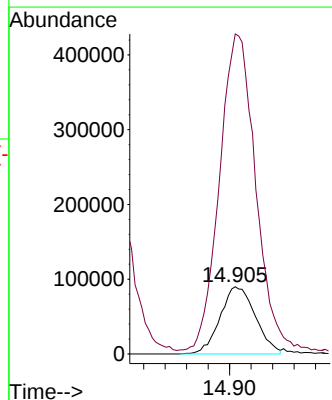
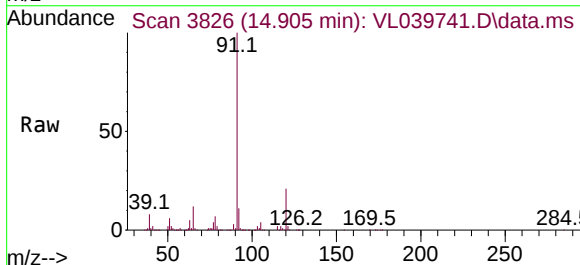
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

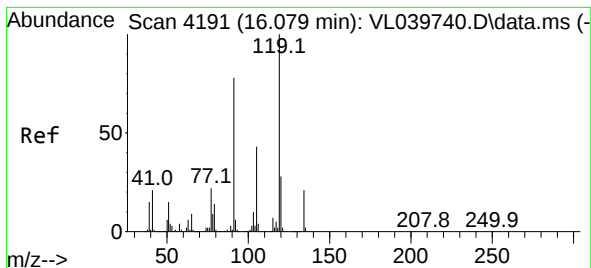
Tgt Ion: 83 Resp: 211590
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.7
85 66.9 32.8 98.4



#64
n-propylbenzene
Concen: 2.057 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion:120 Resp: 204963
Ion Ratio Lower Upper
120 100
91 487.4 376.2 564.2





#65

tert-Butylbenzene

Concen: 2.194 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

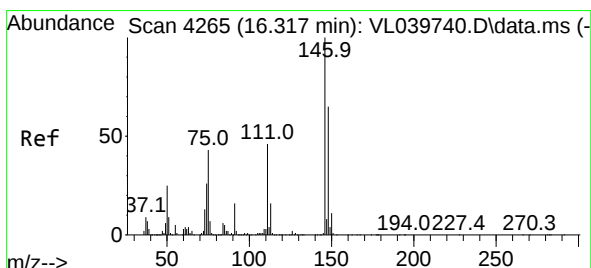
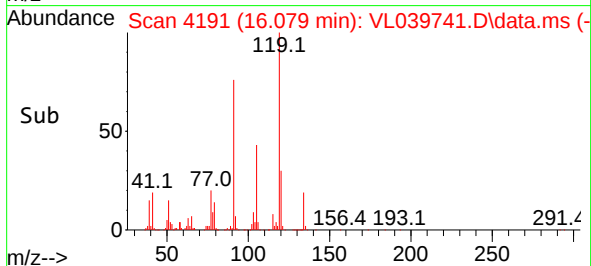
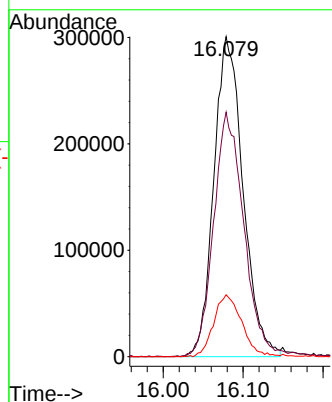
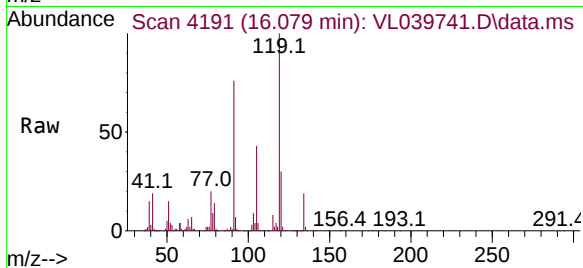
Tgt Ion:119 Resp: 762212

Ion Ratio Lower Upper

119 100

91 80.0 64.2 96.2

134 18.7 15.5 23.3



#66

Benzyl Chloride

Concen: 0.925 ppbv

RT: 16.317 min Scan# 4265

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

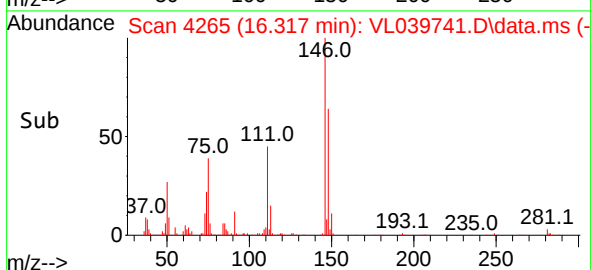
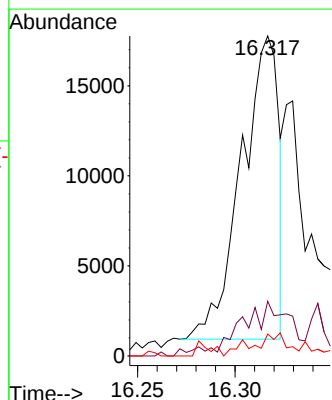
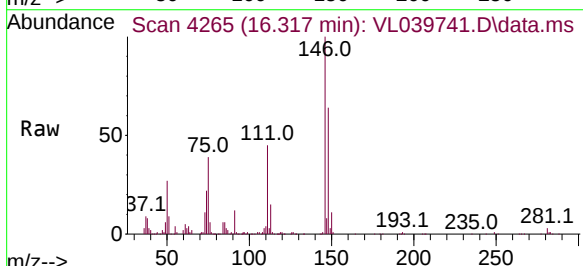
Tgt Ion: 91 Resp: 22450

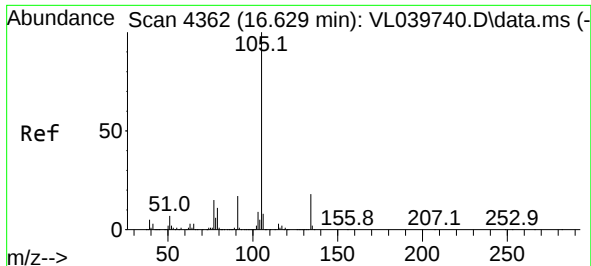
Ion Ratio Lower Upper

91 100

126 24.1 12.6 18.8#

128 10.6 4.2 6.2#

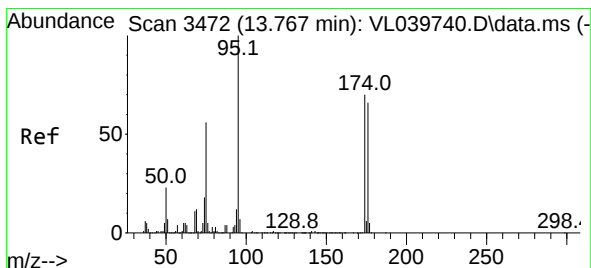
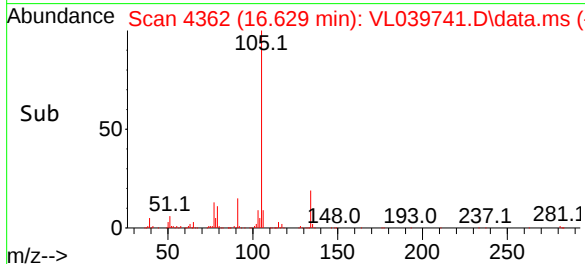
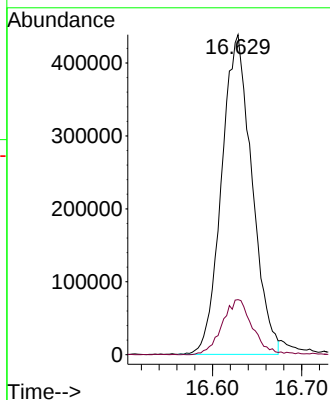
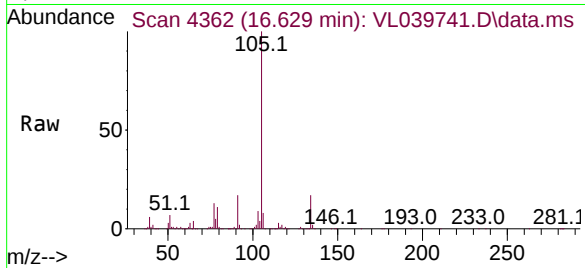




#67
 sec-Butylbenzene
 Concen: 2.159 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

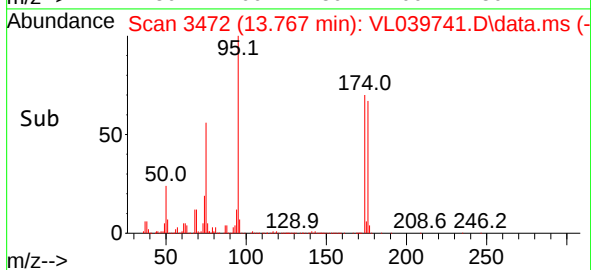
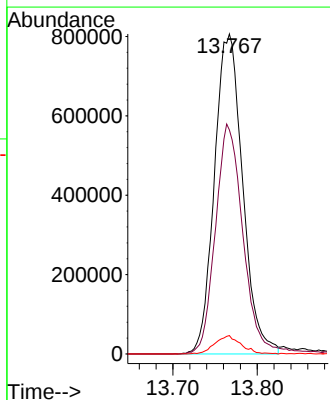
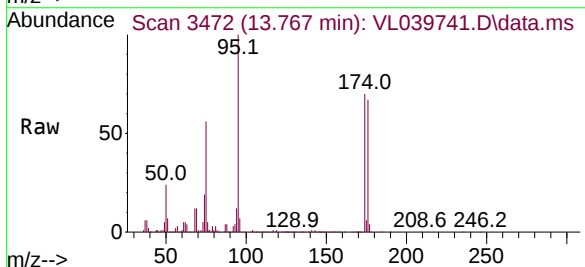
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

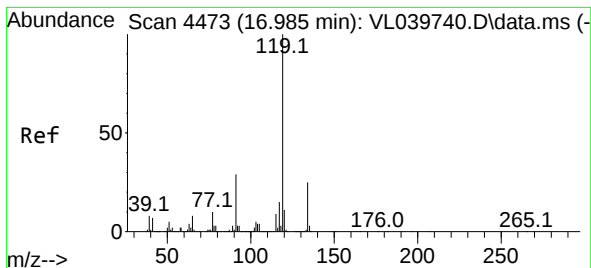
Tgt Ion:105 Resp: 1037998
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.683 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 95 Resp: 1874147
 Ion Ratio Lower Upper
 95 100
 174 71.1 56.5 84.7
 175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 2.156 ppbv

RT: 16.989 min Scan# 4473

Delta R.T. 0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

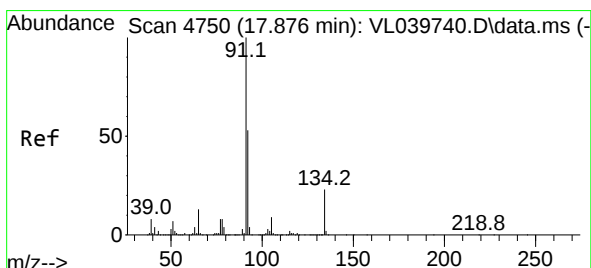
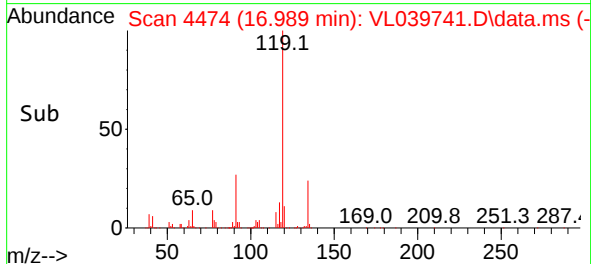
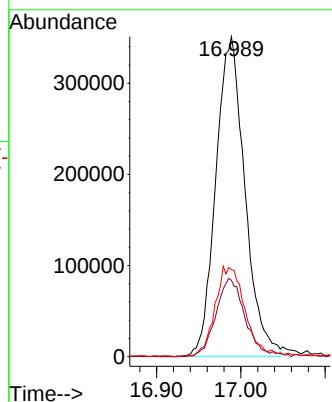
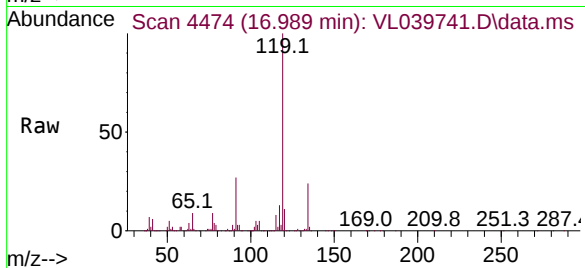
Tgt Ion:119 Resp: 835252

Ion Ratio Lower Upper

119 100

134 25.1 19.8 29.8

91 29.6 22.7 34.1



#70

n-Butylbenzene

Concen: 2.184 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

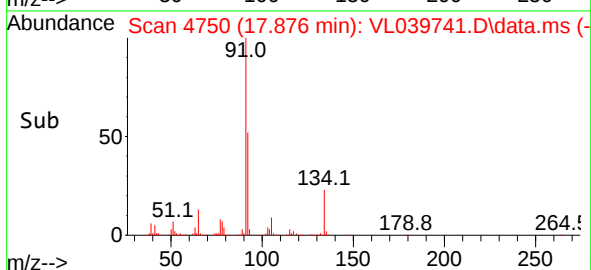
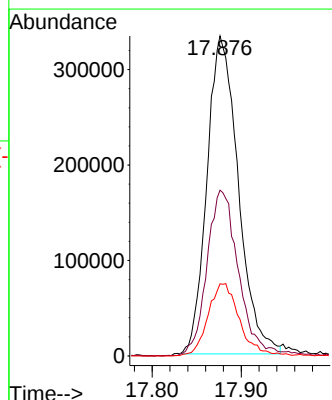
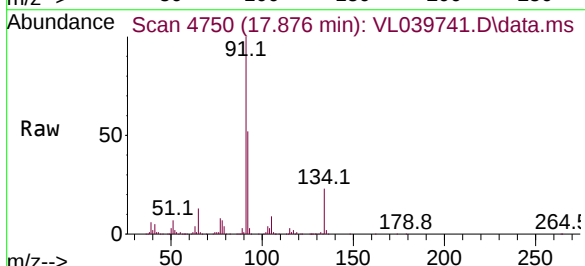
Tgt Ion: 91 Resp: 814064

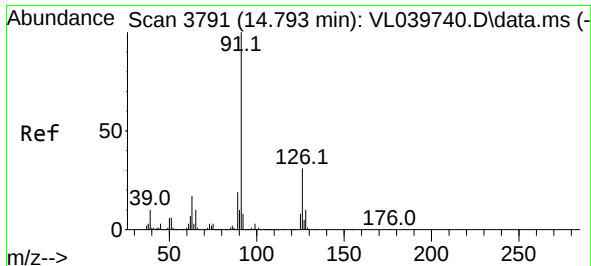
Ion Ratio Lower Upper

91 100

92 53.4 43.3 64.9

134 23.2 18.4 27.6

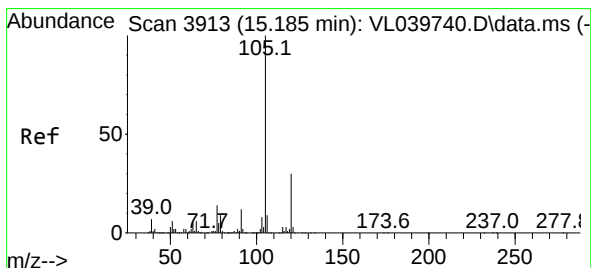
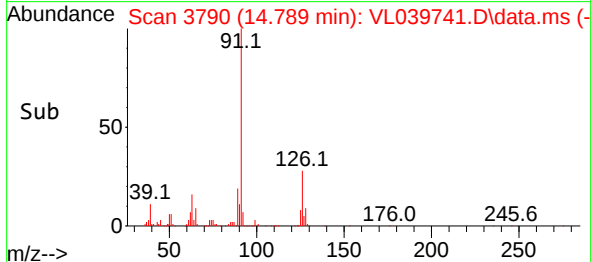
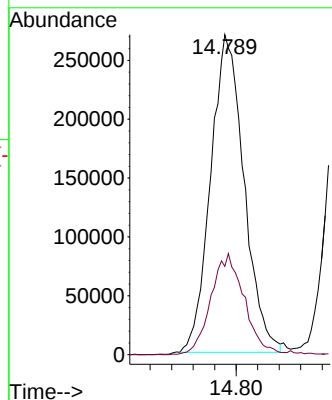
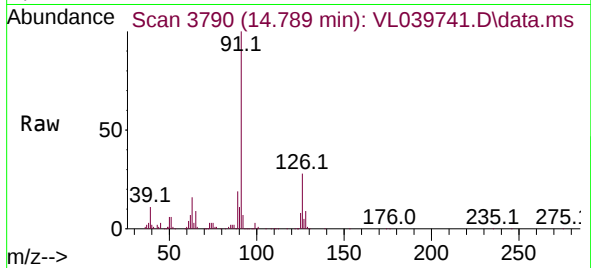




#71
2-Chlorotoluene
Concen: 2.060 ppbv
RT: 14.789 min Scan# 3791
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

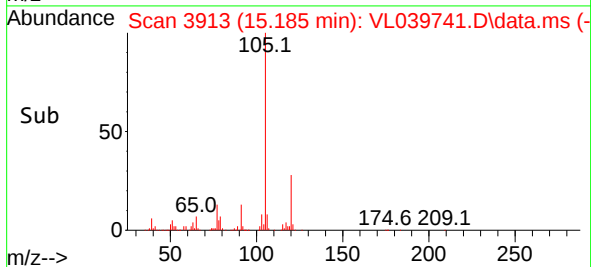
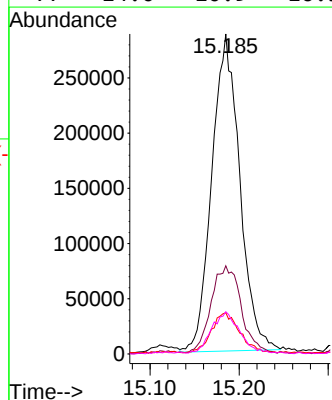
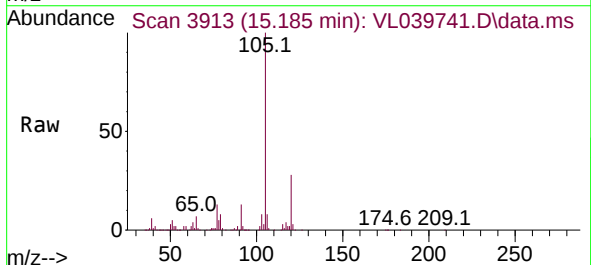
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

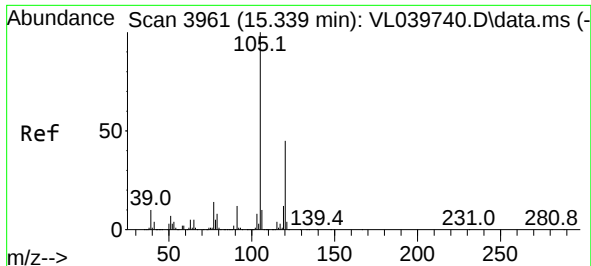
Tgt Ion: 91 Resp: 581306
Ion Ratio Lower Upper
91 100
126 32.2 12.7 50.7



#72
4-Ethyltoluene
Concen: 2.099 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 105 Resp: 623623
Ion Ratio Lower Upper
105 100
120 31.6 23.9 35.9
91 13.2 10.3 15.5
77 14.0 10.9 16.3

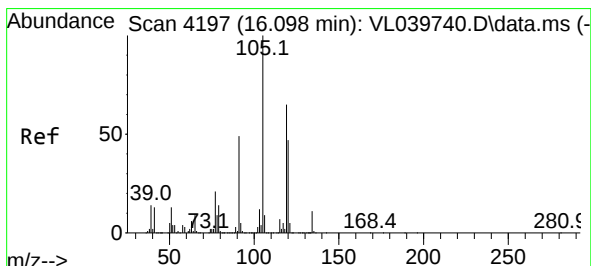
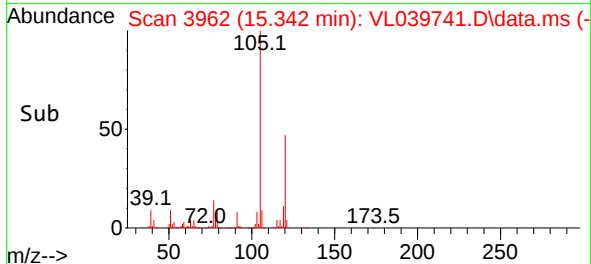
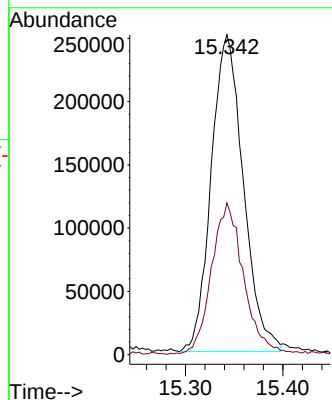
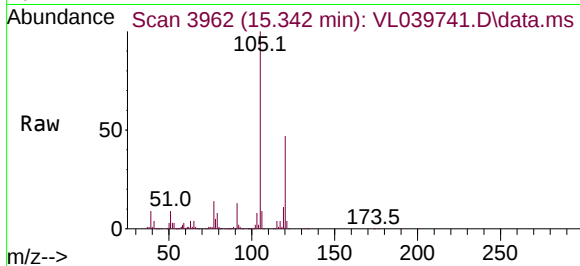




#73
 1,3,5-Trimethylbenzene
 Concen: 2.073 ppbv
 RT: 15.342 min Scan# 3961
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

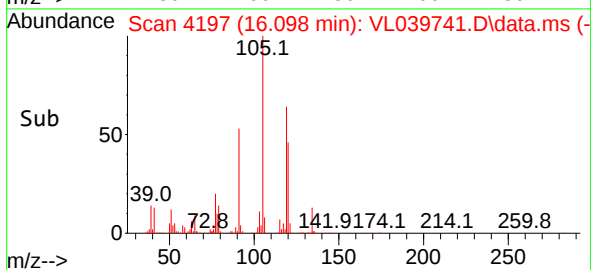
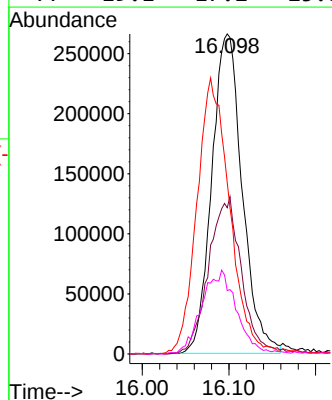
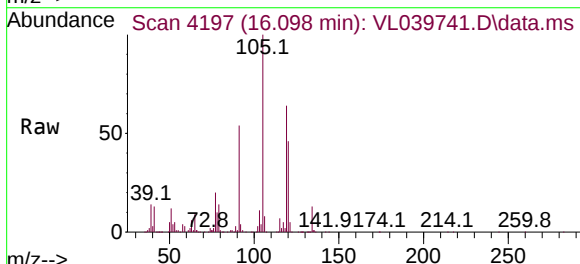
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

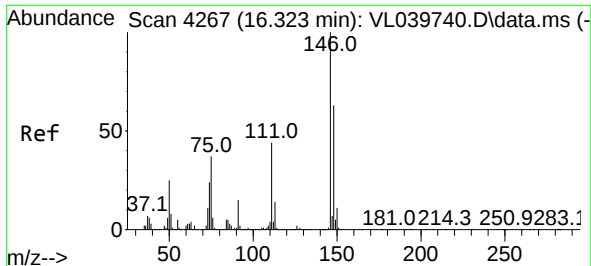
Tgt Ion:105 Resp: 573419
 Ion Ratio Lower Upper
 105 100
 120 47.4 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 2.136 ppbv
 RT: 16.098 min Scan# 4197
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion:105 Resp: 649191
 Ion Ratio Lower Upper
 105 100
 120 45.1 37.6 56.4
 91 52.2 40.1 60.1
 77 19.1 17.2 25.8

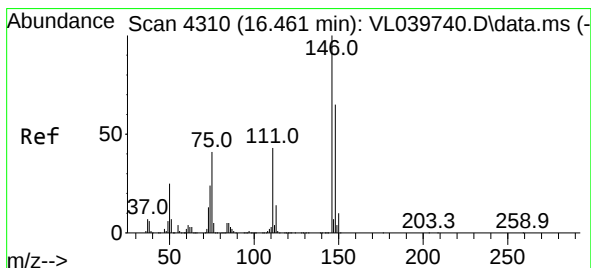
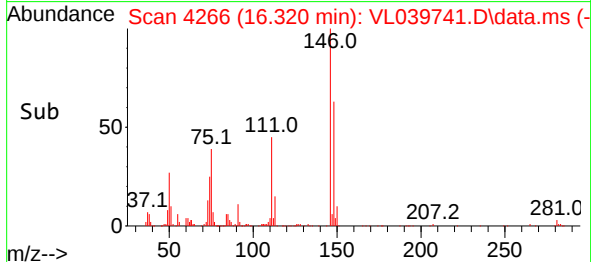
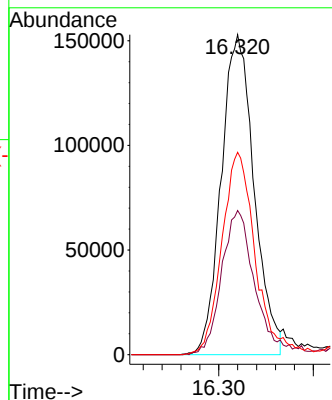
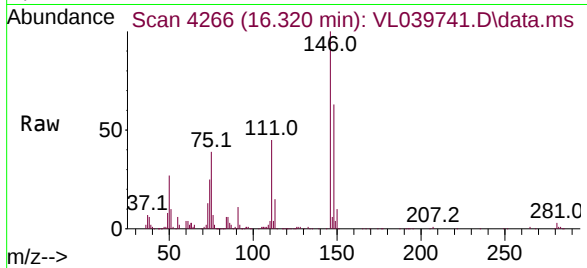




#75
1,3-Dichlorobenzene
Concen: 2.027 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

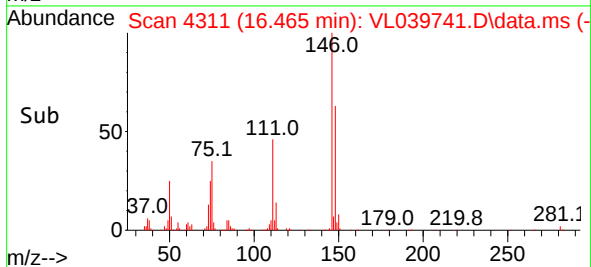
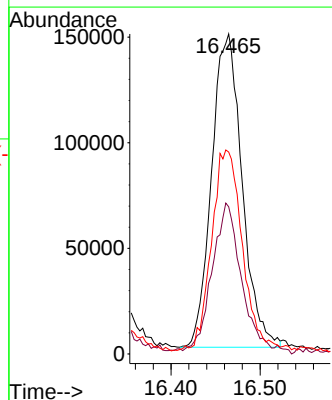
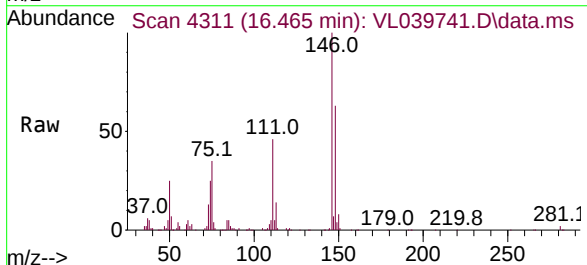
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

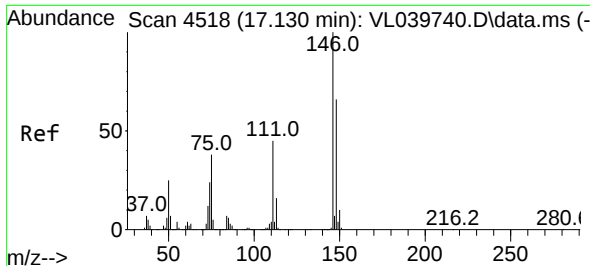
Tgt Ion:146 Resp: 368922
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 64.5 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 1.982 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion:146 Resp: 352303
Ion Ratio Lower Upper
146 100
111 48.4 22.1 66.5
148 69.3 33.2 99.6

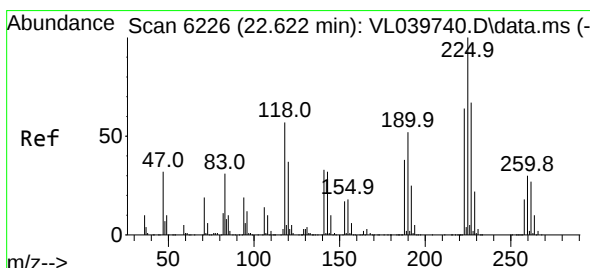
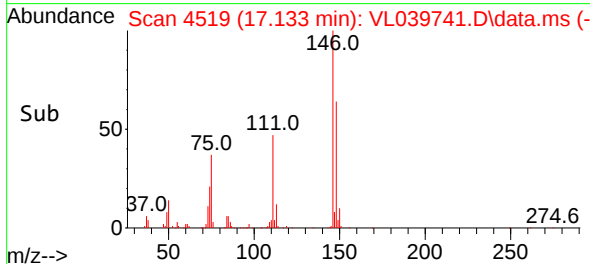
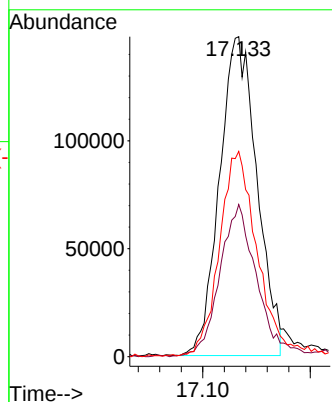
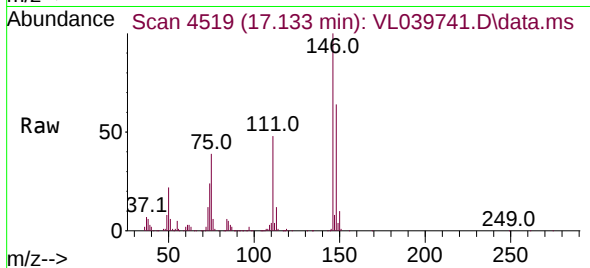




#77
1,2-Dichlorobenzene
Concen: 2.020 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

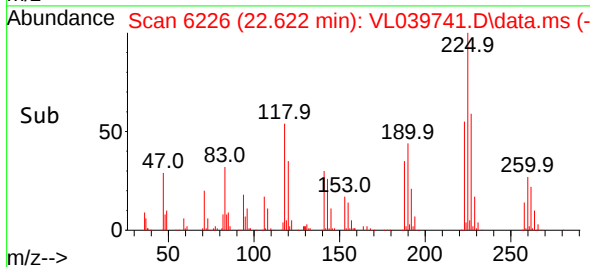
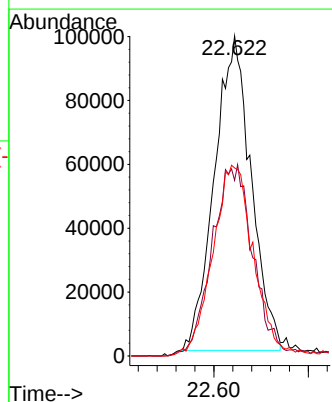
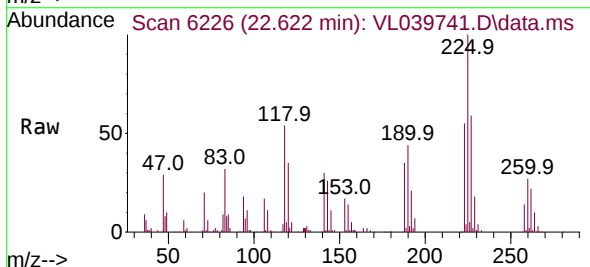
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ClientSampleId :
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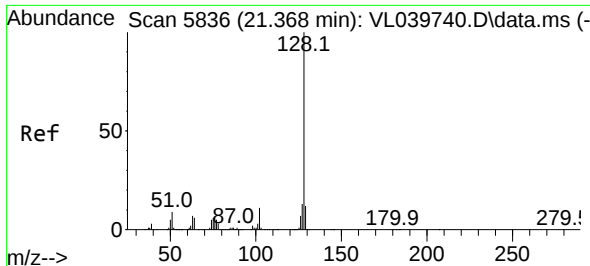
Tgt Ion:146 Resp: 357226
Ion Ratio Lower Upper
146 100
111 48.9 23.6 70.8
148 67.6 32.8 98.3



#78
Hexachloro-1,3-Butadiene
Concen: 2.071 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion:225 Resp: 264676
Ion Ratio Lower Upper
225 100
223 69.1 52.4 78.6
227 68.4 52.7 79.1

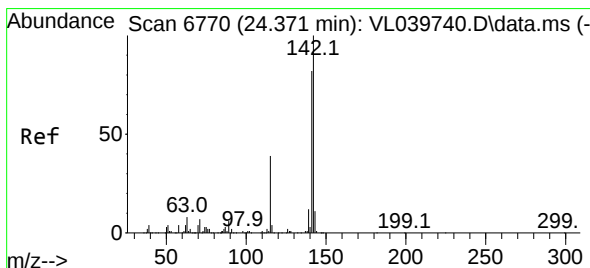
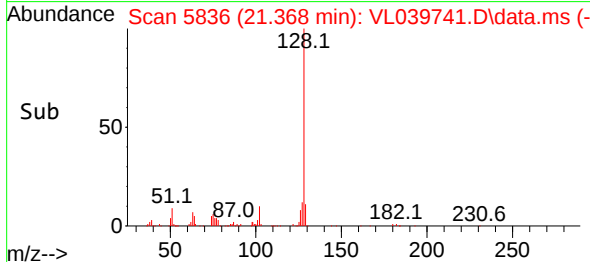
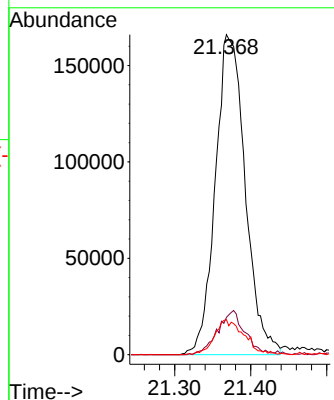
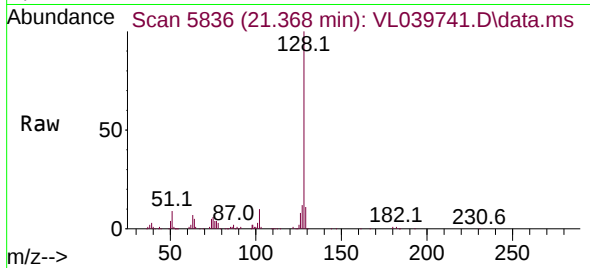




#79
Naphthalene
Concen: 2.547 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

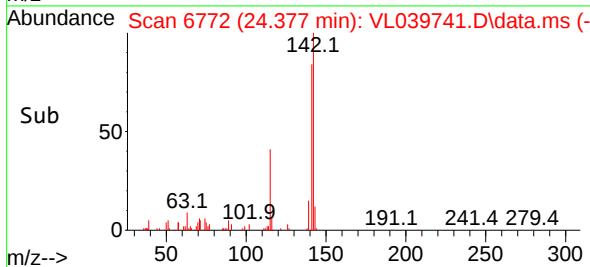
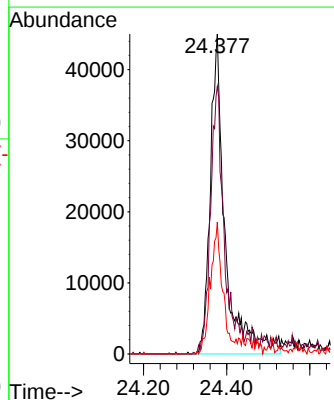
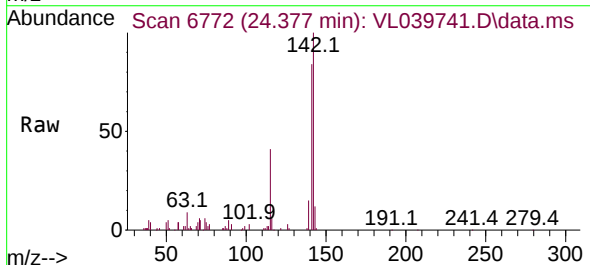
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

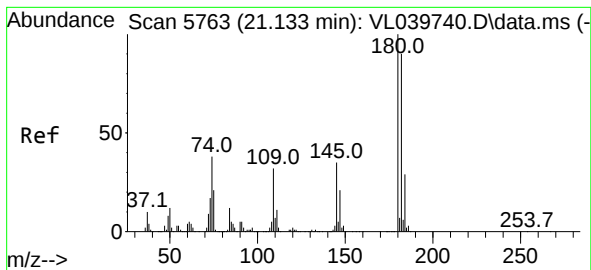
Tgt Ion:128 Resp: 453135
Ion Ratio Lower Upper
128 100
127 11.7 10.8 16.2
129 10.9 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 2.102 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. 0.007 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion:142 Resp: 111664
Ion Ratio Lower Upper
142 100
141 76.6 70.0 105.0
115 38.0 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 1.089 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 129838
 Ion Ratio Lower Upper
 180 100
 182 0.0 0.0 0.0
 184 61.5 0.0 0.0#

