

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039901.D
 Acq On : 18 Nov 2022 11:53
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Nov 19 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1229803	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3753799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3305163	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	2620506	10.380	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.841	85	3289	0.019	ppbv	95
3) Chlorodifluoromethane	2.655	51	5687	0.034	ppbv #	67
4) Chloromethane	2.790	50	3898	0.036	ppbv #	75
5) Vinyl Chloride	2.903	62	2096	0.025	ppbv	96
6) Bromomethane	3.102	94	954	0.033	ppbv #	78
7) Chloroethane	3.182	64	863	0.026	ppbv	92
8) Dichlorotetrafluoroethane	2.841	85	3289	0.016	ppbv #	1
9) Propene	2.671	41	1857	0.023	ppbv #	15
10) Heptane	7.565	43	1549	0.008	ppbv #	1
11) Trichlorofluoromethane	3.546	101	7215	0.034	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.044	101	3339	0.021	ppbv #	12
13) Ethanol	3.224	45	153	0.025	ppbv #	38
14) Bromoethene	3.346	108	2050	0.032	ppbv #	4
15) Acetone	3.446	43	249	0.002	ppbv #	46
16) 1,3-Butadiene	2.970	39	3124	0.038	ppbv #	78
17) tert-Butyl alcohol	3.867	59	337	0.002	ppbv #	72
18) 1,1-Dichloroethene	3.861	96	1717	0.023	ppbv #	1
19) Isopropyl Alcohol	3.555	45	219	0.002	ppbv #	29
20) Methylene Chloride	3.915	84	17812	0.225	ppbv #	83
21) Allyl Chloride	3.976	41	2681	0.024	ppbv #	1
22) trans-1,2-Dichloroethene	4.433	96	2097	0.028	ppbv #	27
23) Vinyl Acetate	4.613	43	2015	0.030	ppbv #	16
24) 1,1-Dichloroethane	4.549	63	5049	0.031	ppbv #	91
25) Ethyl Acetate	5.195	43	3431	0.011	ppbv #	74
26) Hexane	5.202	57	6318	0.048	ppbv #	75
27) Carbon Disulfide	4.108	76	2423	0.015	ppbv #	64
28) Methyl tert-Butyl Ether	4.272	73	570	0.003	ppbv	98
29) Chloroform	5.282	83	651	0.004	ppbv	98
30) Cyclohexane	6.587	84	2493	0.019	ppbv #	1
31) cis-1,2-Dichloroethene	5.060	61	1436	0.012	ppbv #	27
32) 1,1,1-Trichloroethane	5.983	97	4634	0.021	ppbv #	51
34) 2-Butanone	4.761	43	353	0.002	ppbv #	54
35) Carbon Tetrachloride	6.481	117	3800	0.018	ppbv #	65
36) Benzene	6.356	78	7017	0.022	ppbv #	74
37) 1,2-Dichloroethane	5.793	62	5177	0.030	ppbv #	92
38) Trichloroethene	7.282	130	2681	0.015	ppbv #	55
39) 1,2-Dichloropropane	6.639	63	935096	7.522	ppbv #	27
40) 1,4-Dioxane	7.259	88	85	0.002	ppbv #	1
41) Tetrahydrofuran	5.546	42	331	0.003	ppbv #	36
42) Bromodichloromethane	7.243	83	1837	0.008	ppbv #	64
43) Methyl Methacrylate	7.468	69	1402	0.011	ppbv #	1
44) 2,2,4-Trimethylpentane	7.320	57	11232	0.021	ppbv #	50
45) t-1,3-Dichloropropene	8.706	75	1525	0.013	ppbv	93

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC0.03

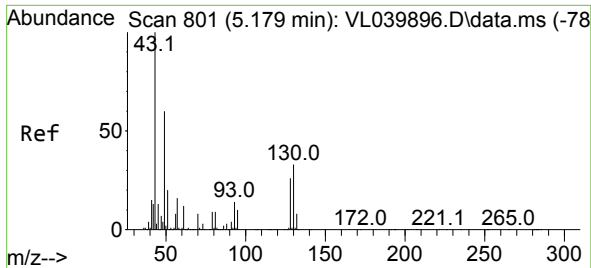
Quant Time: Nov 19 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	901	0.006	ppbv #	71
47) 1,1,2-Trichloroethane	8.893	97	1885	0.015	ppbv #	49
48) Dibromochloromethane	9.703	129	1099	0.006	ppbv #	1
49) Bromoform	12.410	173	433	0.003	ppbv #	27
50) 4-Methyl-2-Pentanone	8.163	43	372	0.001	ppbv #	38
51) 2-Hexanone	9.523	43	145	0.001	ppbv #	27
52) Tetrachloroethene	10.619	164	979	0.008	ppbv #	25
53) Toluene	9.217	91	12782	0.035	ppbv	98
54) 1,2-Dibromoethane	9.999	107	1056	0.008	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.507	131	1034	0.008	ppbv #	1
57) Chlorobenzene	11.523	112	4999	0.020	ppbv #	72
58) Ethyl Benzene	12.085	91	11377	0.025	ppbv	90
59) m/p-Xylene	12.365	91	3382	0.009	ppbv #	30
60) o-Xylene	13.063	91	3233	0.009	ppbv #	1
61) Styrene	12.902	104	1939	0.009	ppbv #	1
62) Isopropylbenzene	14.028	105	7933	0.015	ppbv #	48
63) 1,1,2,2-Tetrachloroethane	13.053	83	681	0.006	ppbv #	24
64) n-propylbenzene	14.918	120	913	0.007	ppbv #	1
65) tert-Butylbenzene	16.101	119	16216	0.036	ppbv	92
66) Benzyl Chloride	16.330	91	246	0.006	ppbv #	1
67) sec-Butylbenzene	16.645	105	3091	0.005	ppbv #	58
69) p-Isopropyltoluene	17.015	119	12838	0.025	ppbv #	63
70) n-Butylbenzene	17.896	91	2771	0.005	ppbv #	32
71) 2-Chlorotoluene	14.802	91	2693	0.007	ppbv #	43
72) 4-Ethyltoluene	15.198	105	6562	0.016	ppbv #	42
73) 1,3,5-Trimethylbenzene	15.355	105	3398	0.009	ppbv #	64
74) 1,2,4-Trimethylbenzene	16.111	105	4412	0.011	ppbv #	84
75) 1,3-Dichlorobenzene	16.343	146	1738	0.008	ppbv #	1
76) 1,4-Dichlorobenzene	16.484	146	4374	0.020	ppbv #	19
77) 1,2-Dichlorobenzene	17.156	146	1959	0.009	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.654	225	1518	0.010	ppbv #	1
79) Naphthalene	21.394	128	1099	0.005	ppbv #	62
80) Naphthalene,2-methyl-	24.423	142	1752	0.027	ppbv #	70
81) 1,2,4-Trichlorobenzene	21.159	180	1910	0.013	ppbv #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Nov 18 14:05:14 2022
Response via : Initial Calibration

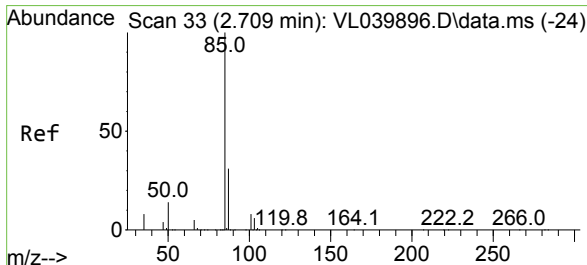
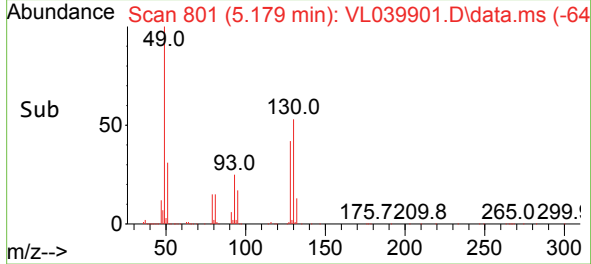
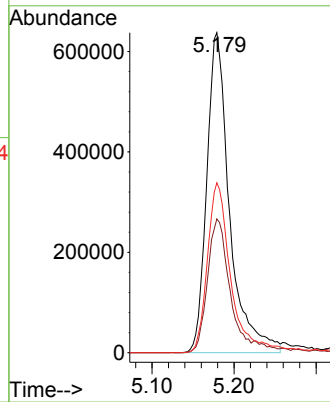
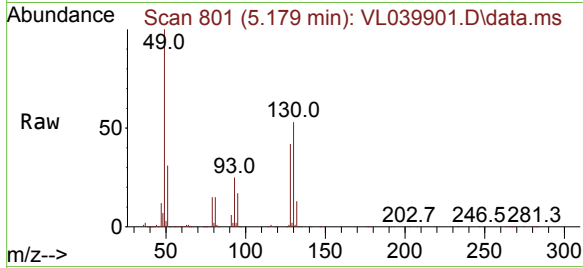




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

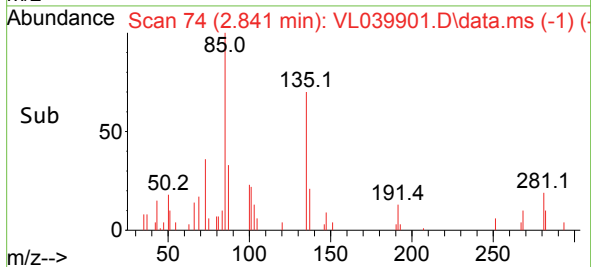
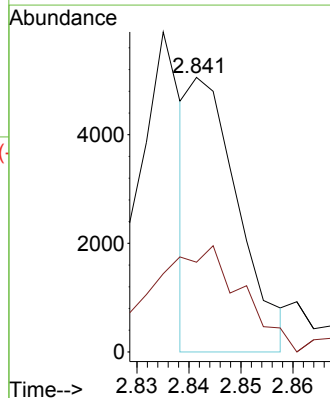
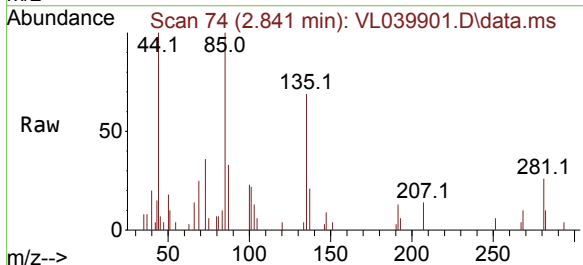
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

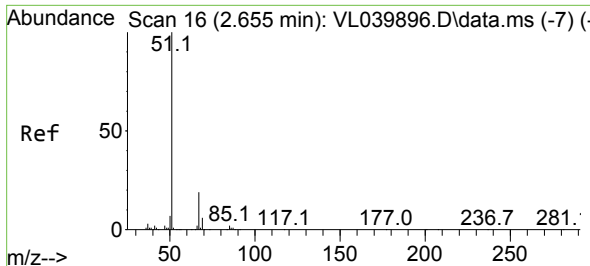
Tgt Ion: 49 Resp: 1229803
Ion Ratio Lower Upper
49 100
128 44.2 22.1 66.3
130 56.6 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 0.019 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.132 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 85 Resp: 3289
Ion Ratio Lower Upper
85 100
87 28.6 25.0 37.4

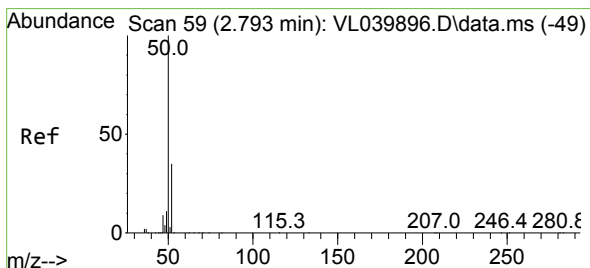
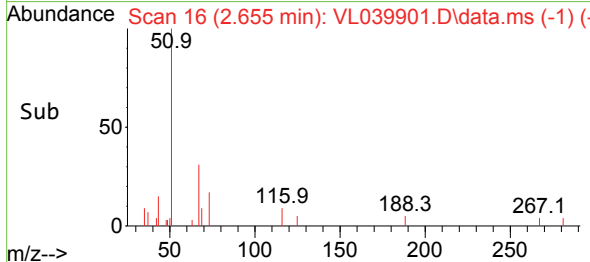
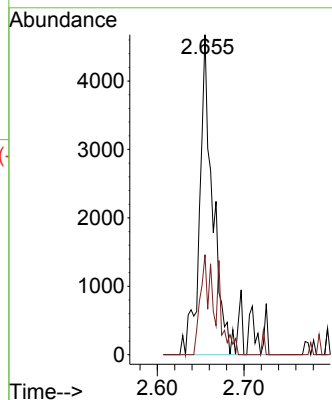
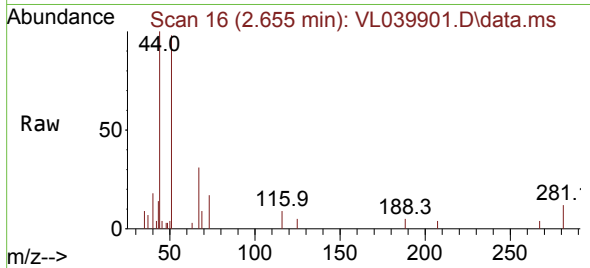




#3
Chlorodifluoromethane
Concen: 0.034 ppbv
RT: 2.655 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

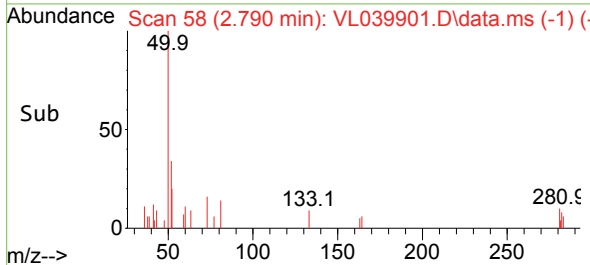
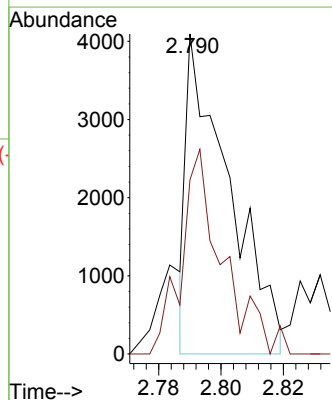
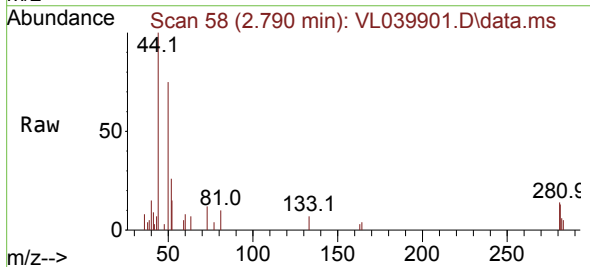
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ClientSampleId :
VSTDICC0.03

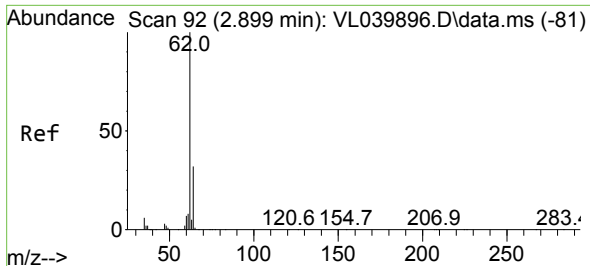
Tgt Ion: 51 Resp: 5687
Ion Ratio Lower Upper
51 100
67 32.4 14.2 21.4#



#4
Chloromethane
Concen: 0.036 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 50 Resp: 3898
Ion Ratio Lower Upper
50 100
52 49.4 27.8 41.8#

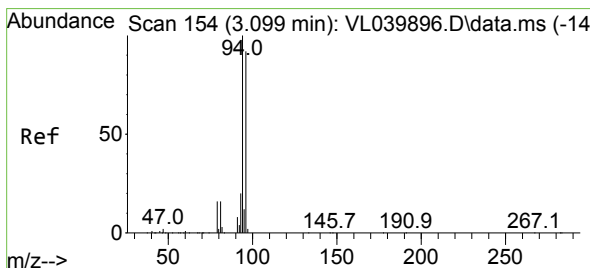
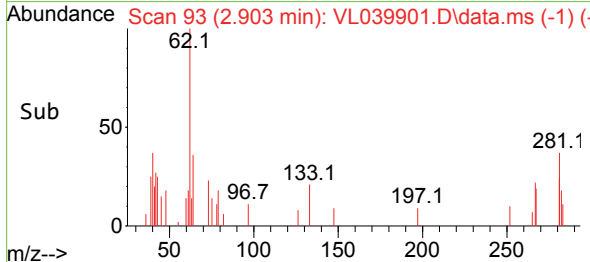
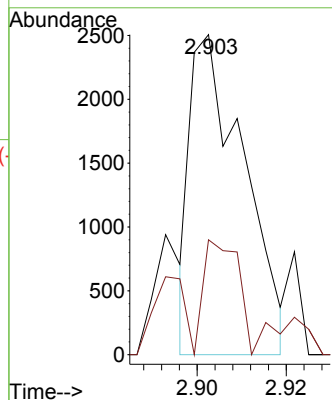
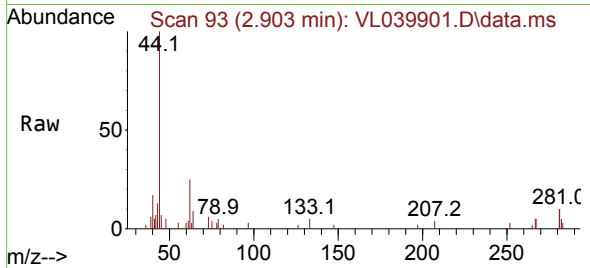




#5
 Vinyl Chloride
 Concen: 0.025 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

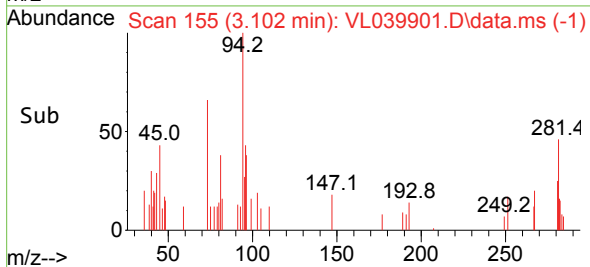
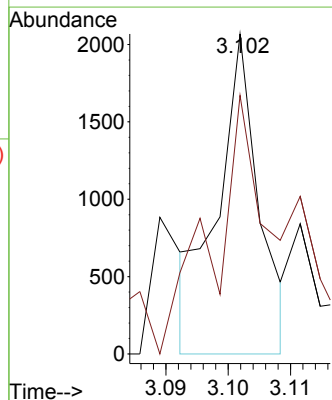
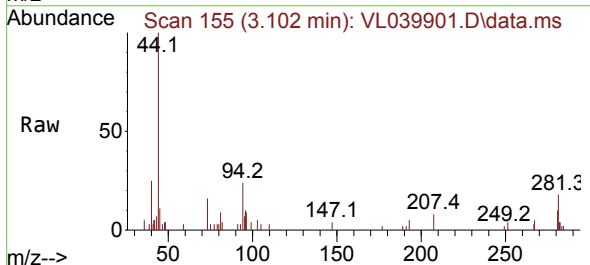
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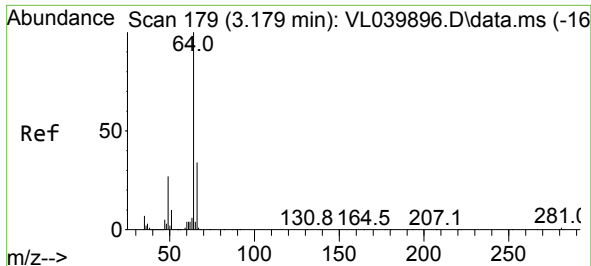
Tgt Ion: 62 Resp: 2096
 Ion Ratio Lower Upper
 62 100
 64 34.6 25.7 38.5



#6
 Bromomethane
 Concen: 0.033 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion: 94 Resp: 954
 Ion Ratio Lower Upper
 94 100
 96 71.5 73.7 110.5#

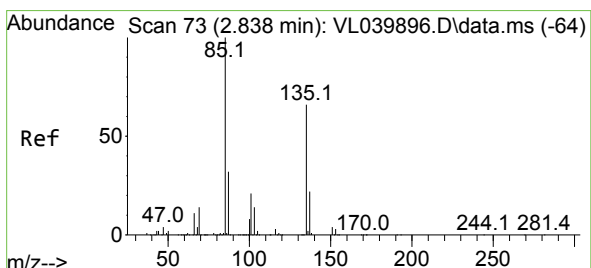
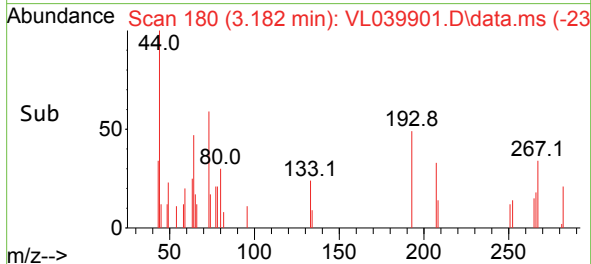
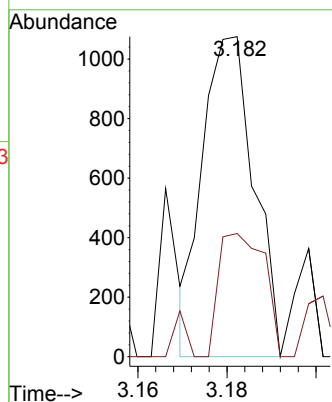
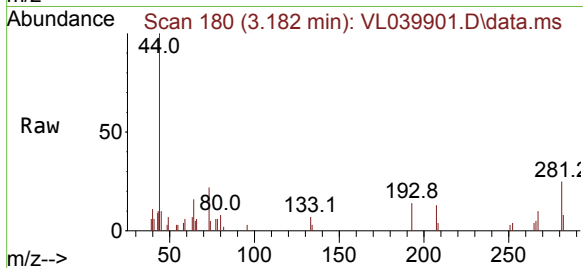




#7
Chloroethane
Concen: 0.026 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

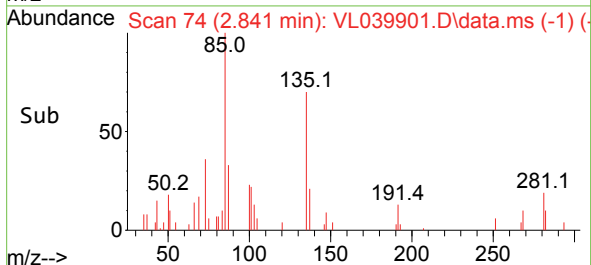
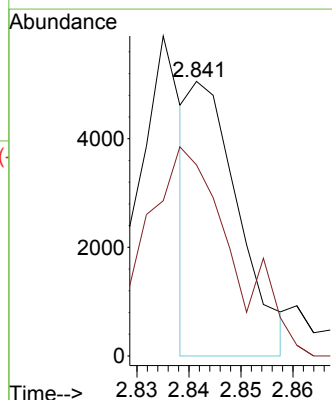
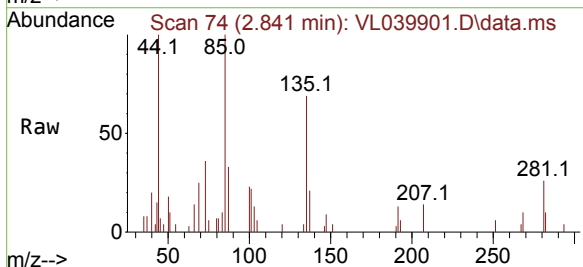
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ClientSampleId :
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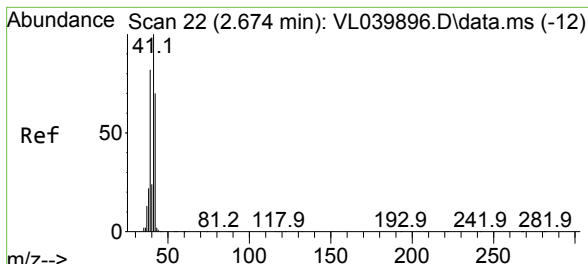
Tgt Ion: 64 Resp: 863
Ion Ratio Lower Upper
64 100
66 38.5 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 0.016 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 85 Resp: 3289
Ion Ratio Lower Upper
85 100
135 147.3 54.1 81.1#

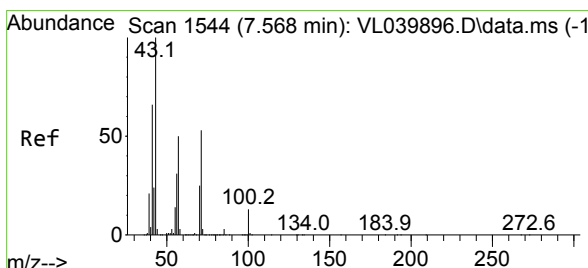
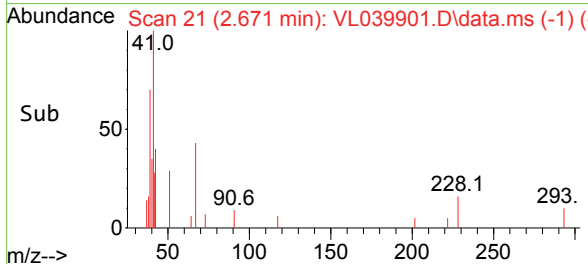
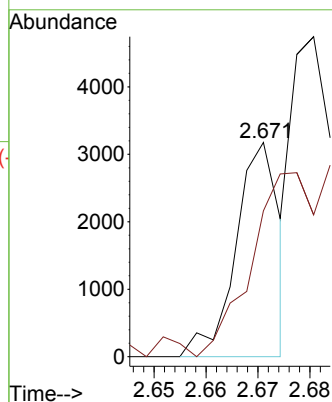
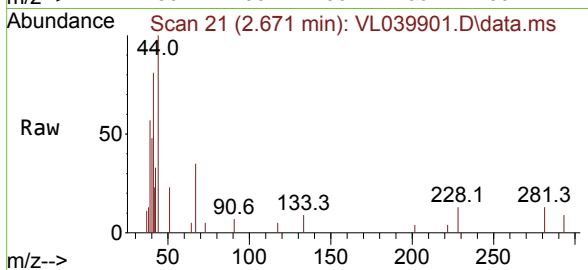




#9
 Propene
 Concen: 0.023 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

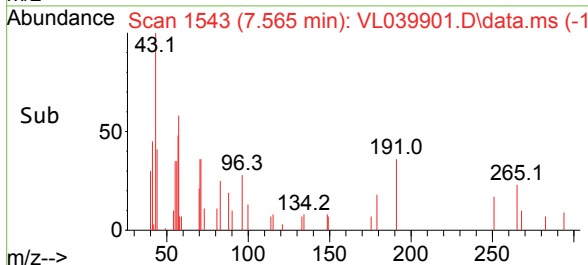
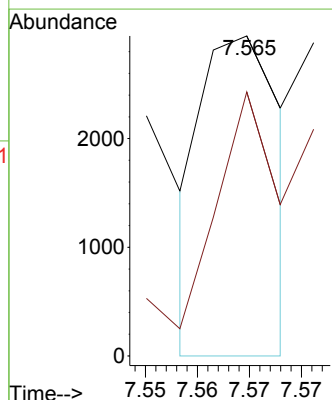
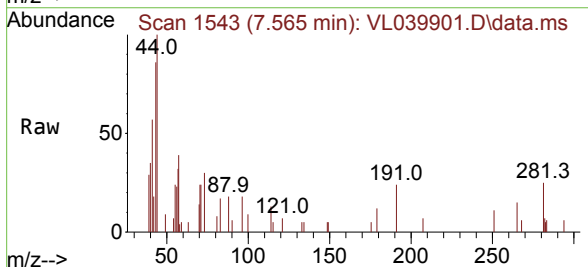
Instrument :
 MSVOA_L
 ClientSampleId :
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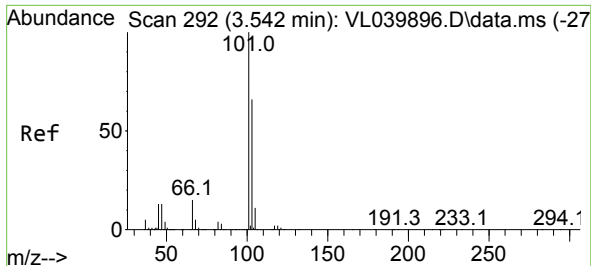
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 Ion Ratio Lower Upper
 41 100
 42 0.0 55.8 83.6#



#10
 Heptane
 Concen: 0.008 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion: 43 Resp: 1549
 Ion Ratio Lower Upper
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 57 218.9 40.7 61.1#

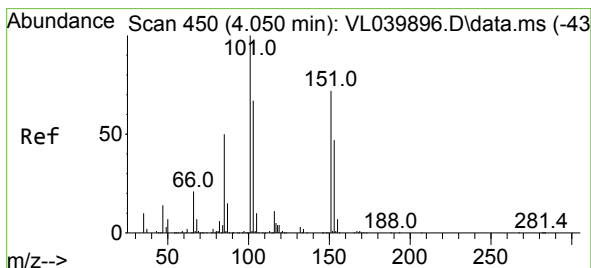
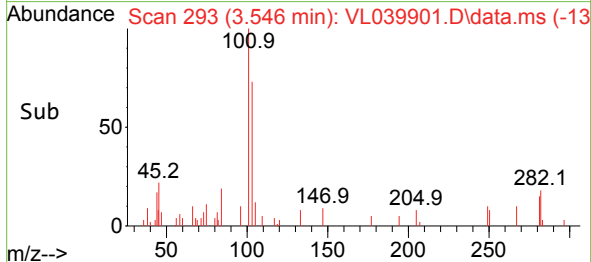
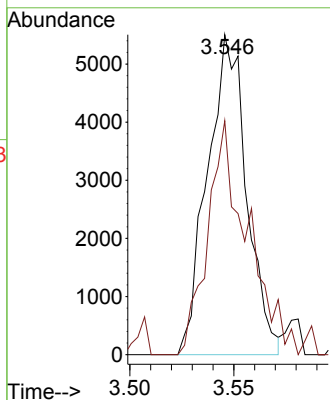
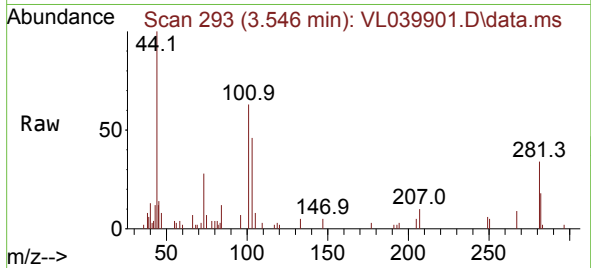




#11
 Trichlorofluoromethane
 Concen: 0.034 ppbv
 RT: 3.546 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

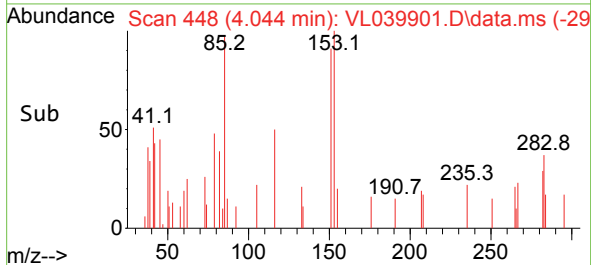
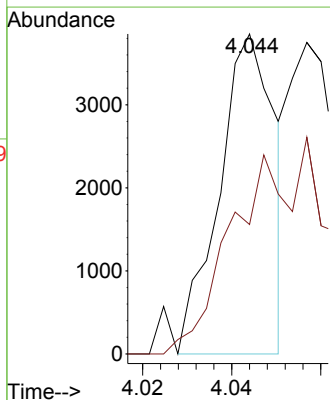
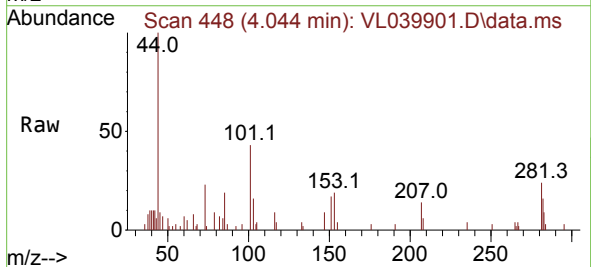
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

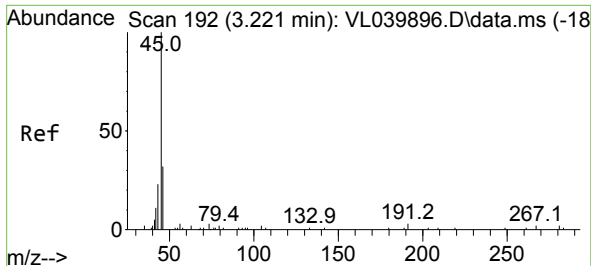
Tgt Ion:101 Resp: 7215
 Ion Ratio Lower Upper
 101 100
 103 73.1 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.021 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.006 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion:101 Resp: 3339
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.6 89.4#

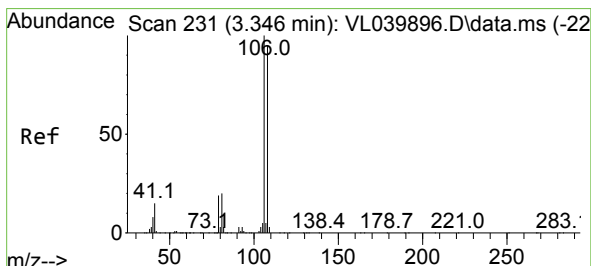
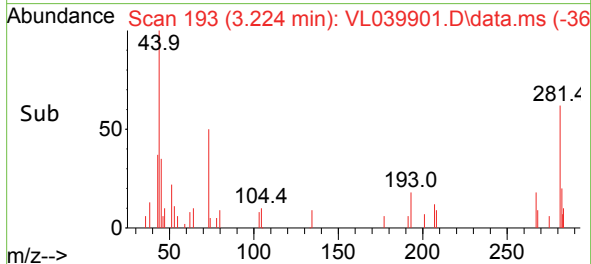
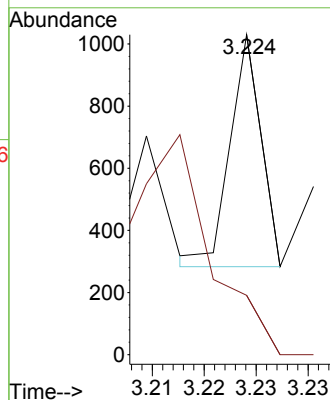
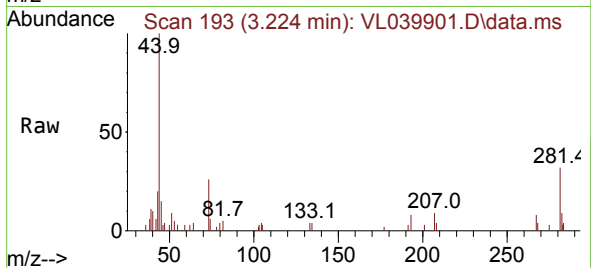




#13
Ethanol
Concen: 0.025 ppbv
RT: 3.224 min Scan# 192
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

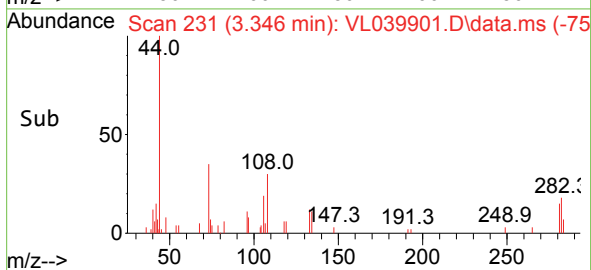
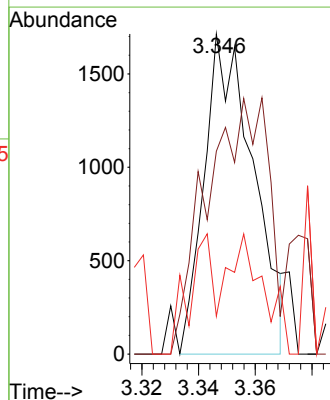
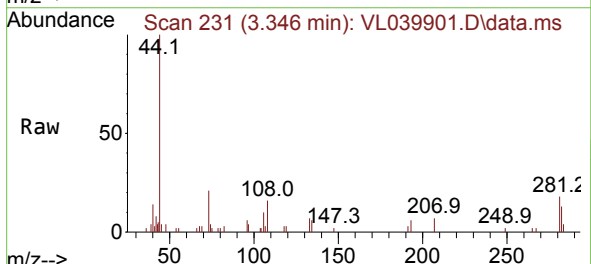
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

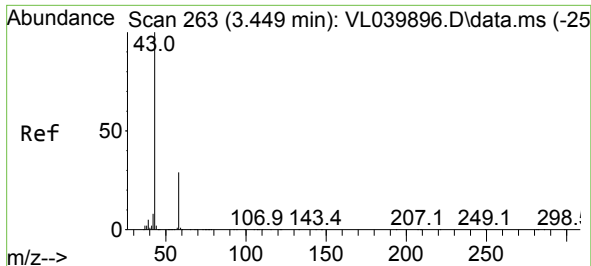
Tgt Ion: 45 Resp: 153
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#



#14
Bromoethene
Concen: 0.032 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 108 Resp: 2050
Ion Ratio Lower Upper
108 100
106 0.0 87.3 130.9#
79 45.8 15.9 23.9#

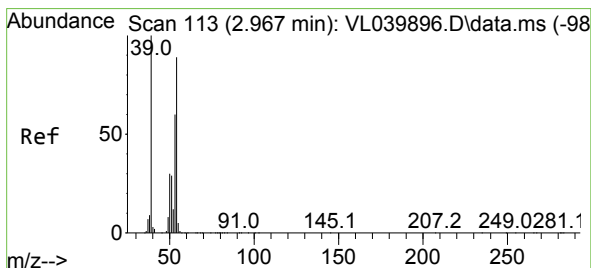
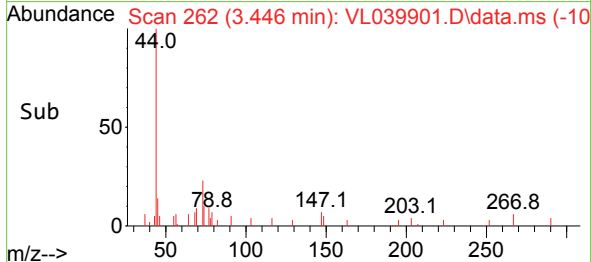
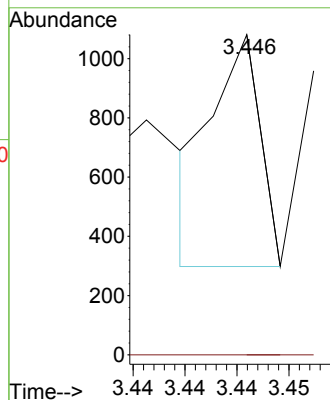
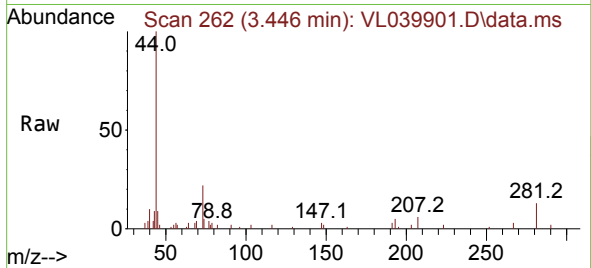




#15
Acetone
Concen: 0.002 ppbv
RT: 3.446 min Scan# 210
Delta R.T. -0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

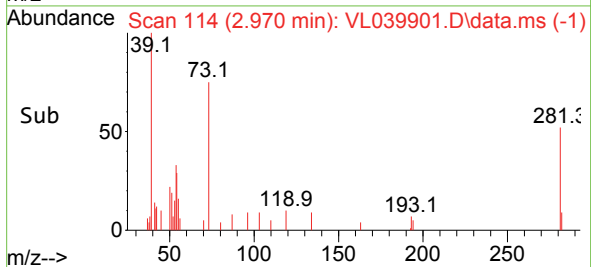
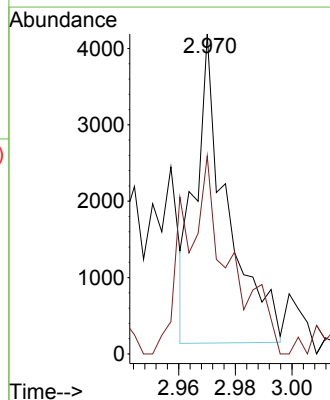
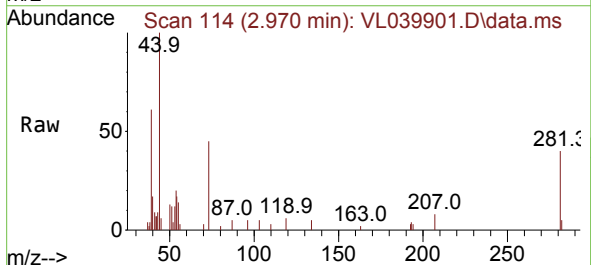
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

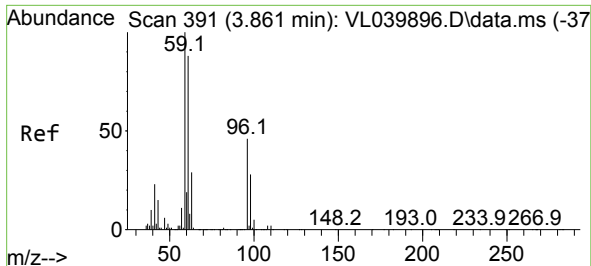
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#16
1,3-Butadiene
Concen: 0.038 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 39 Resp: 3124
Ion Ratio Lower Upper
39 100
54 102.8 66.6 99.8#





#17

tert-Butyl alcohol

Concen: 0.002 ppbv

RT: 3.867 min Scan# 391

Delta R.T. 0.007 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

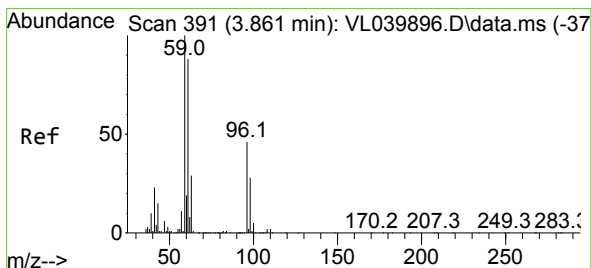
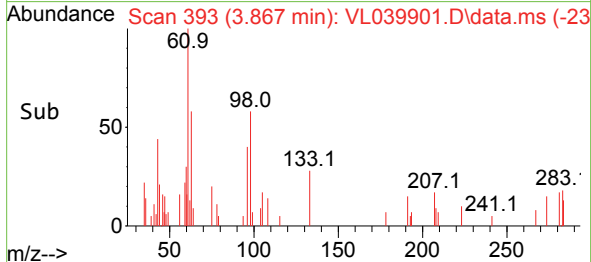
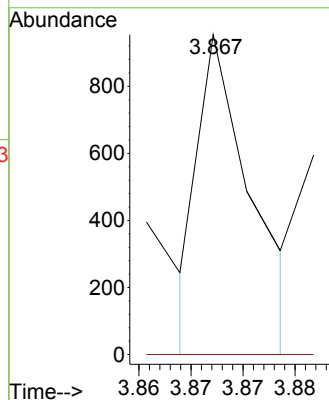
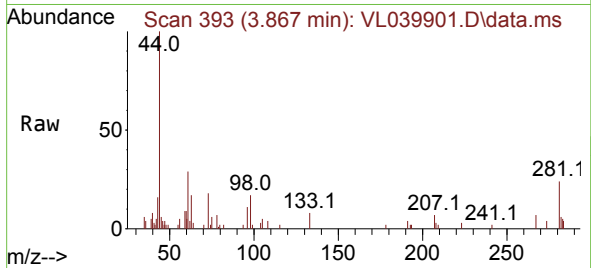
VSTDIC0.03

Tgt Ion: 59 Resp: 337

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.023 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

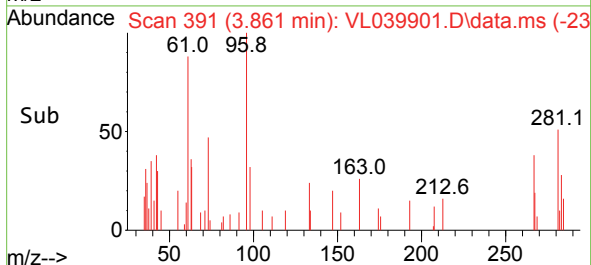
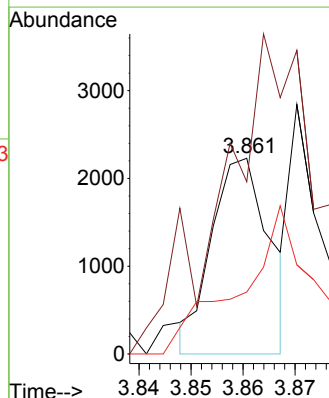
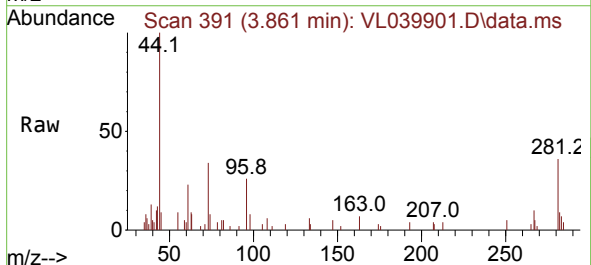
Tgt Ion: 96 Resp: 1717

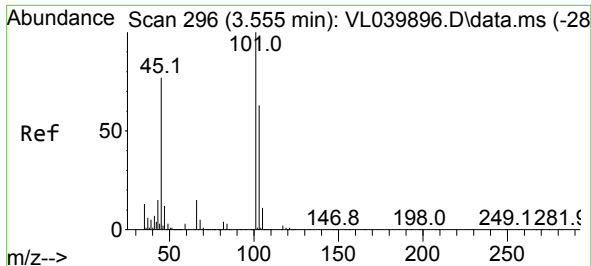
Ion Ratio Lower Upper

96 100

61 16.1 153.4 230.2#

98 21.7 48.9 73.3#

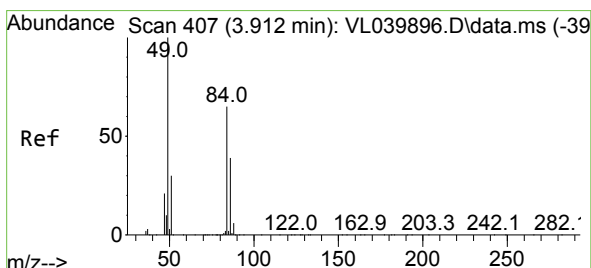
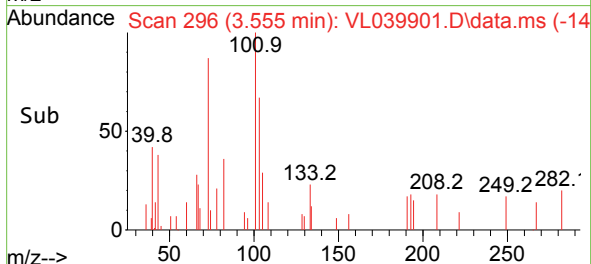
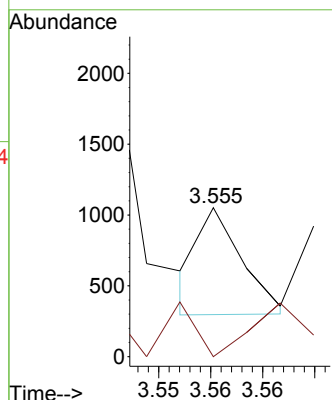
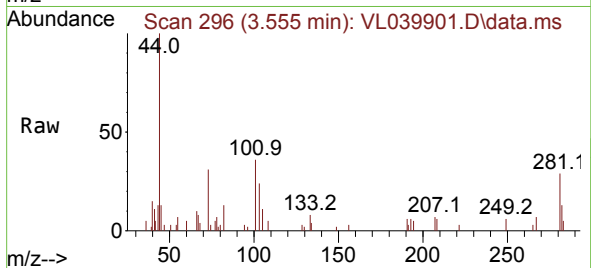




#19
Isopropyl Alcohol
Concen: 0.002 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

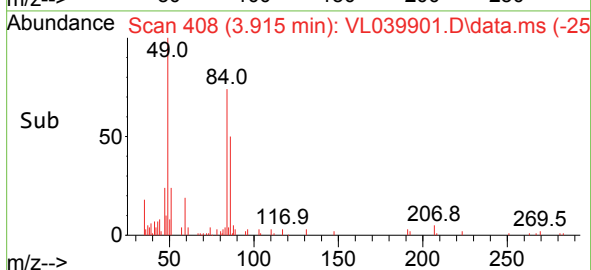
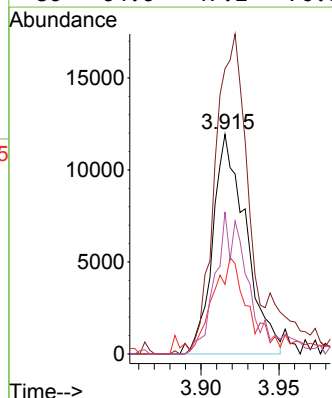
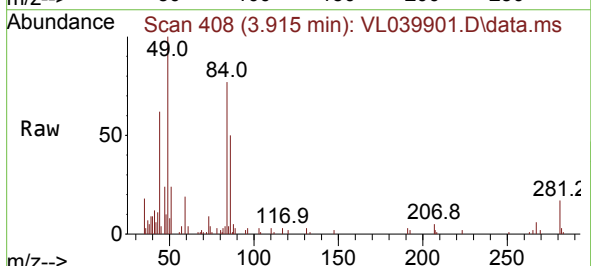
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

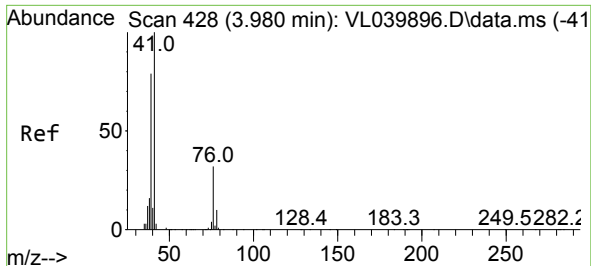
Tgt Ion: 45 Resp: 219
Ion Ratio Lower Upper
45 100
58 0.0 38.7 58.1#



#20
Methylene Chloride
Concen: 0.225 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 84 Resp: 17812
Ion Ratio Lower Upper
84 100
49 129.9 122.2 183.4
51 28.6 36.3 54.5#
86 64.6 47.2 70.8

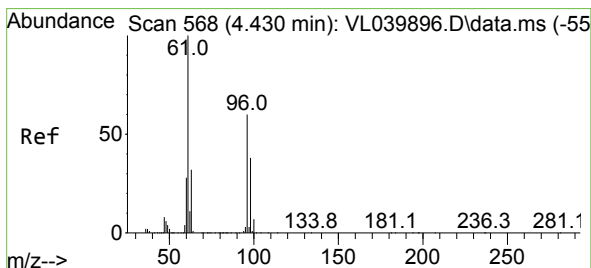
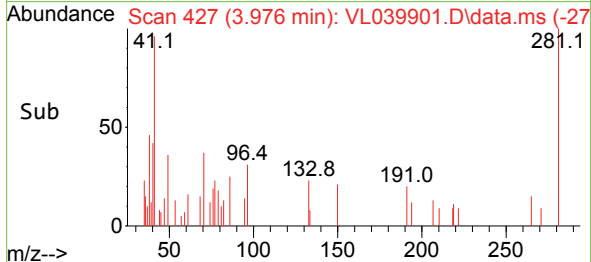
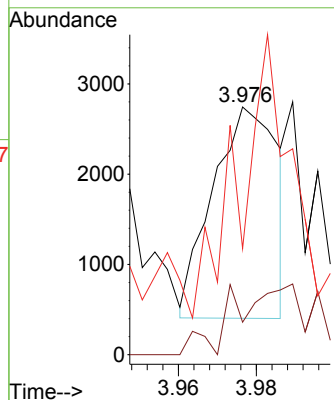
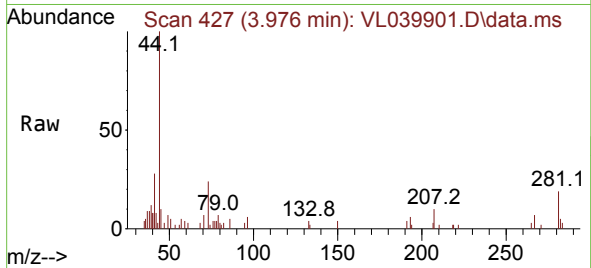




#21
 Allyl Chloride
 Concen: 0.024 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

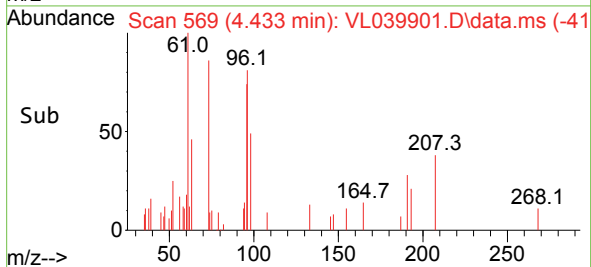
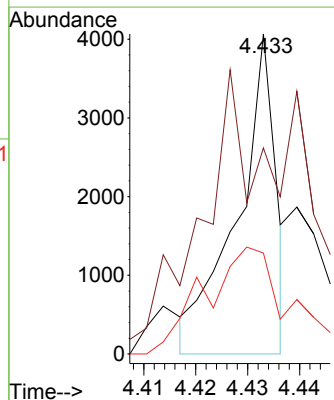
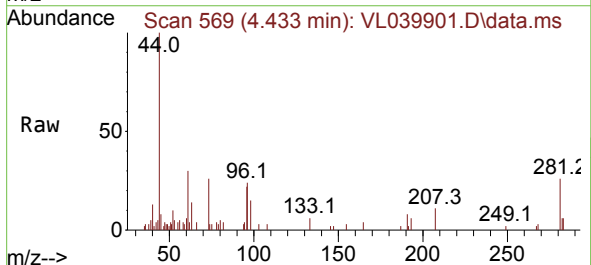
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

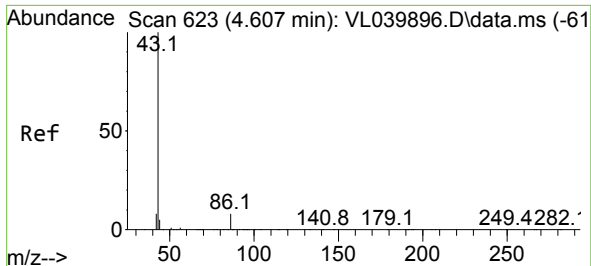
Tgt Ion: 41 Resp: 2681
 Ion Ratio Lower Upper
 41 100
 76 0.0 25.6 38.4#
 39 245.1 65.2 97.8#



#22
 trans-1,2-Dichloroethene
 Concen: 0.028 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion: 96 Resp: 2097
 Ion Ratio Lower Upper
 96 100
 61 57.2 134.1 201.1#
 98 23.4 50.4 75.6#

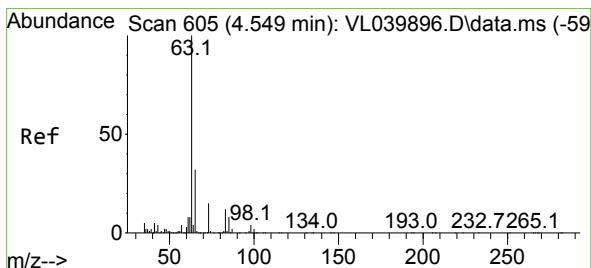
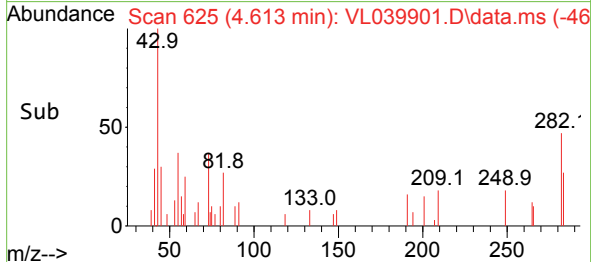
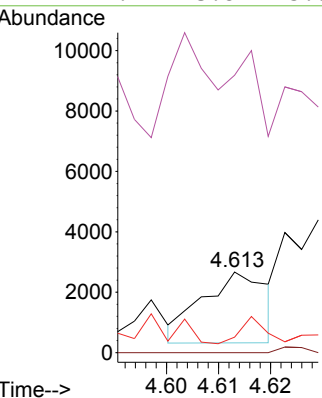
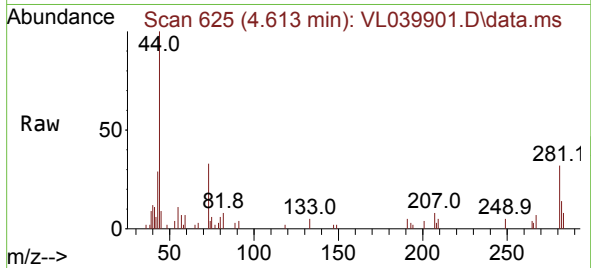




#23
 Vinyl Acetate
 Concen: 0.030 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

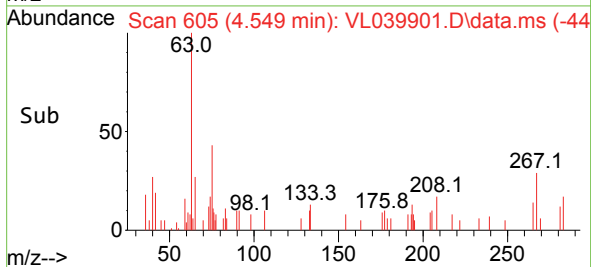
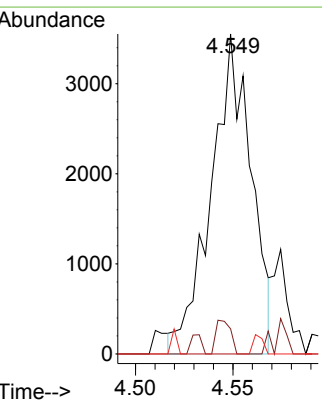
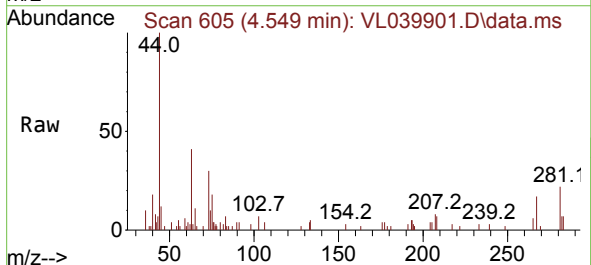
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

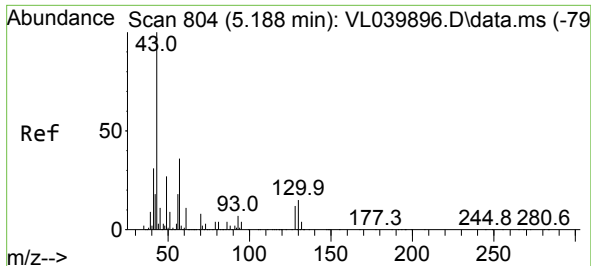
Tgt Ion:	43	Resp:	2015
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	0.0	7.6	11.4#
44	99.9	3.8	5.6#



#24
 1,1-Dichloroethane
 Concen: 0.031 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion:	63	Resp:	5049
Ion	Ratio	Lower	Upper
63	100		
98	7.8	2.1	6.5#
100	0.0	1.1	3.5#

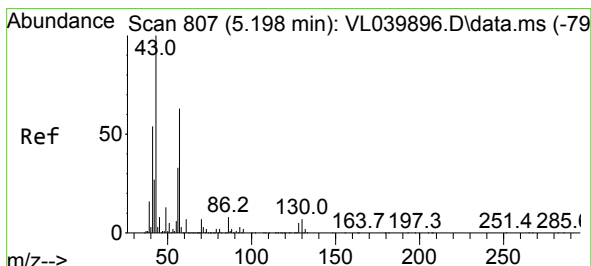
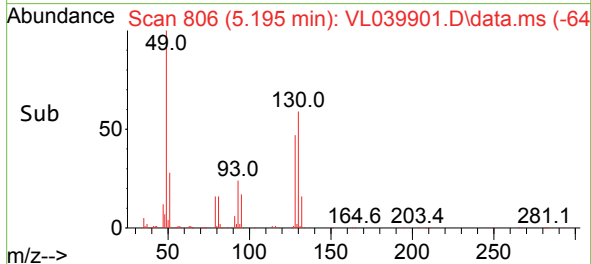
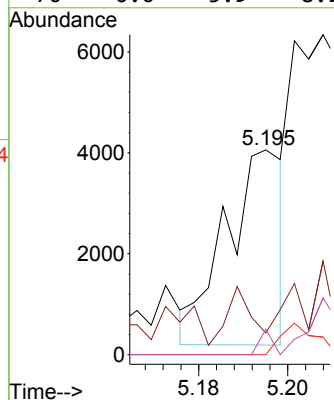
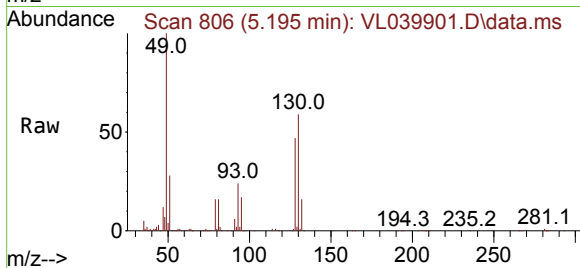




#25
Ethyl Acetate
Concen: 0.011 ppbv
RT: 5.195 min Scan# 805
Delta R.T. 0.007 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

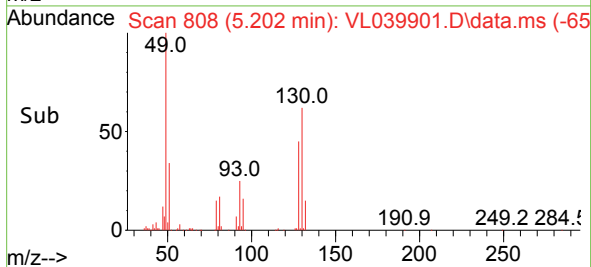
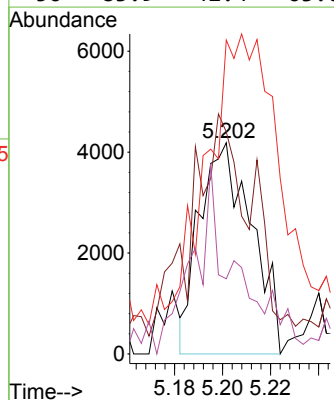
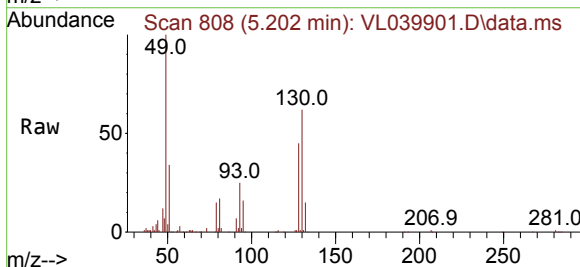
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

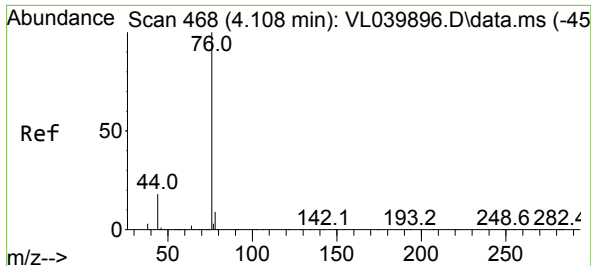
Tgt Ion: 43	Resp:	3431	
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	8.5	12.7#
70	0.0	5.9	8.9#



#26
Hexane
Concen: 0.048 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 57	Resp: 6318
Ion Ratio	Lower Upper
57 100	
41 157.8	72.3 108.5#
43 241.1	188.7 283.1
56 83.9	42.4 63.6#

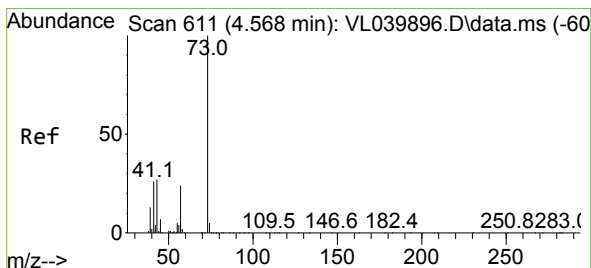
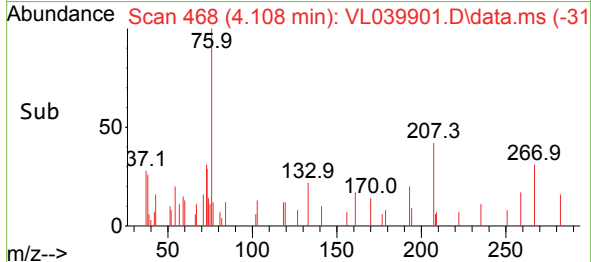
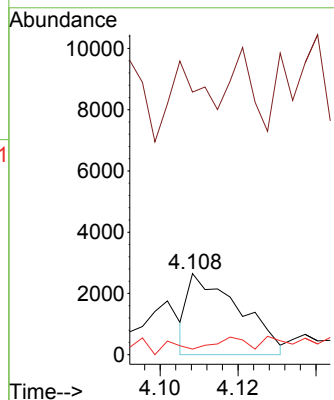
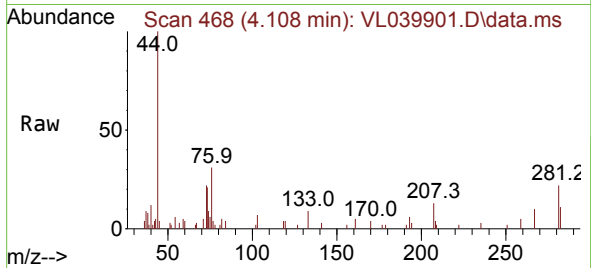




#27
Carbon Disulfide
Concen: 0.015 ppbv
RT: 4.108 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

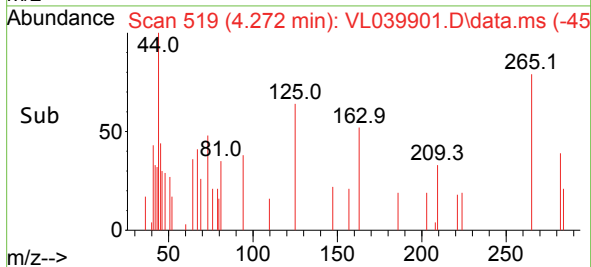
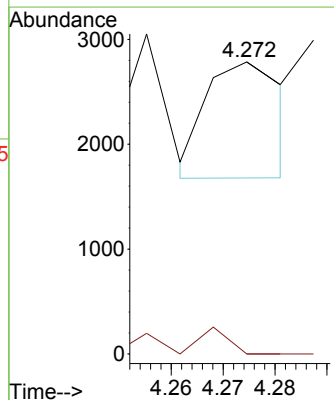
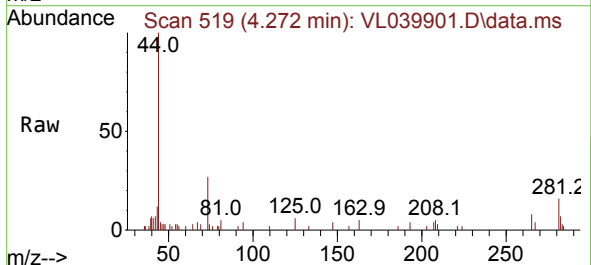
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

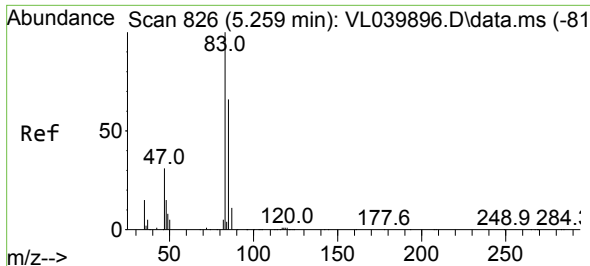
Tgt Ion: 76 Resp: 2423
Ion Ratio Lower Upper
76 100
44 0.0 14.7 22.1#
78 0.0 7.8 11.8#



#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 4.272 min Scan# 519
Delta R.T. -0.296 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 73 Resp: 570
Ion Ratio Lower Upper
73 100
57 22.6 18.9 28.3





#29

Chloroform

Concen: 0.004 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.023 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

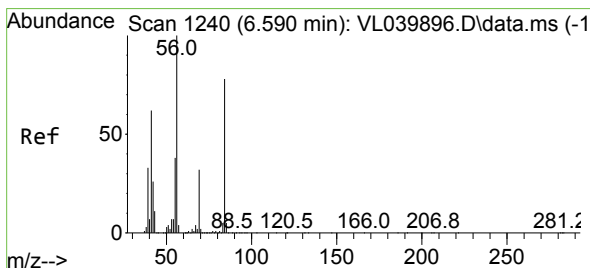
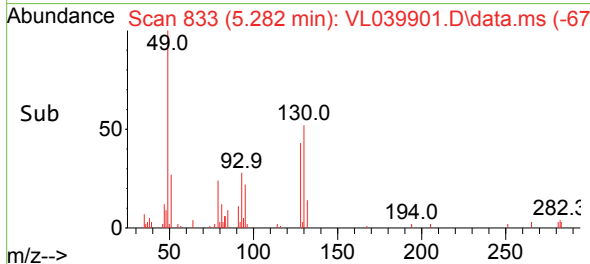
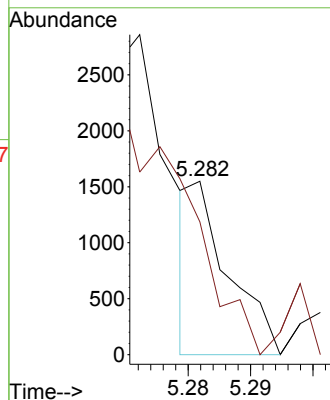
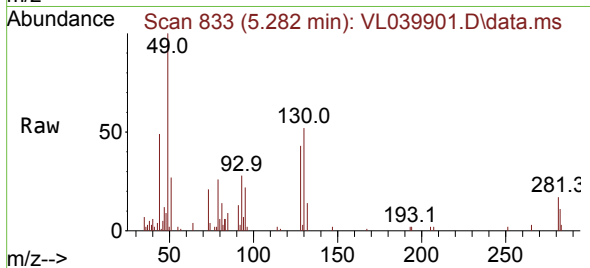
VSTDIC0.03

Tgt Ion: 83 Resp: 651

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6



#30

Cyclohexane

Concen: 0.019 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

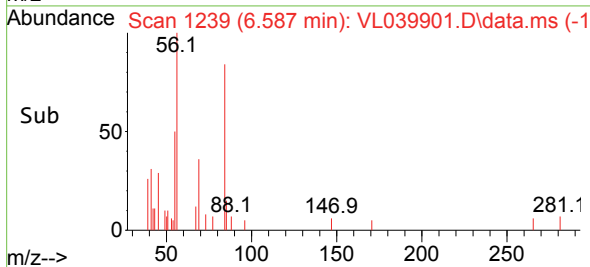
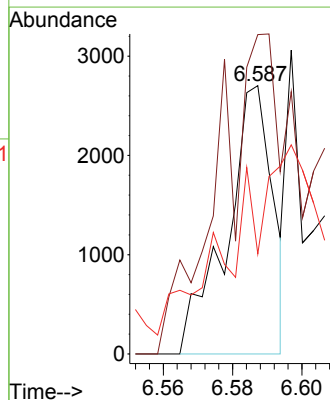
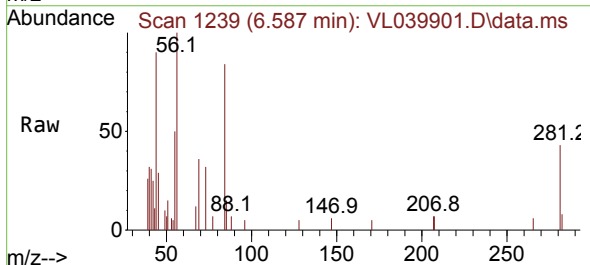
Tgt Ion: 84 Resp: 2493

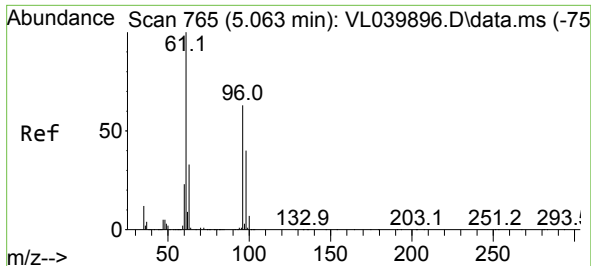
Ion Ratio Lower Upper

84 100

56 0.0 112.5 168.7#

41 0.0 67.8 101.8#

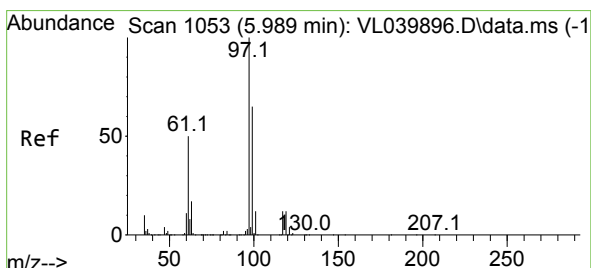
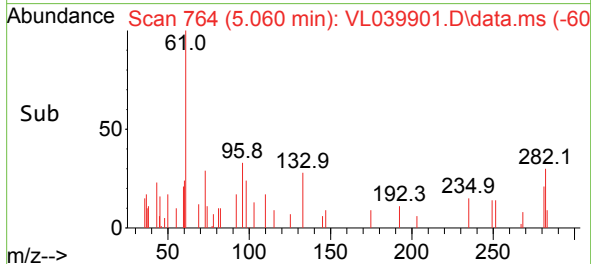
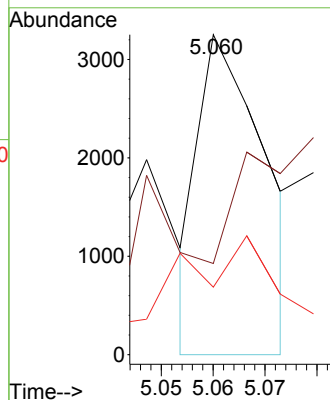
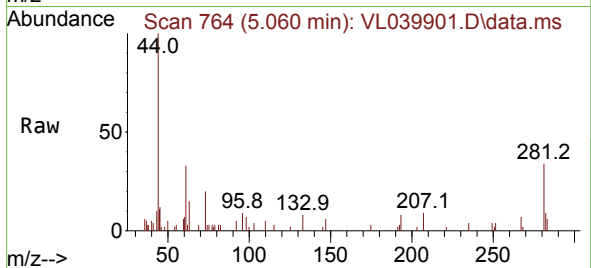




#31
 cis-1,2-Dichloroethene
 Concen: 0.012 ppbv
 RT: 5.060 min Scan# 765
 Delta R.T. -0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

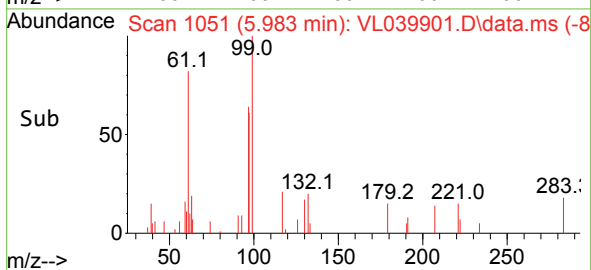
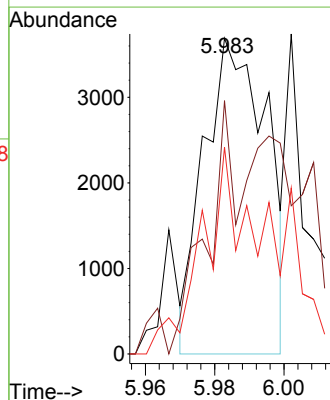
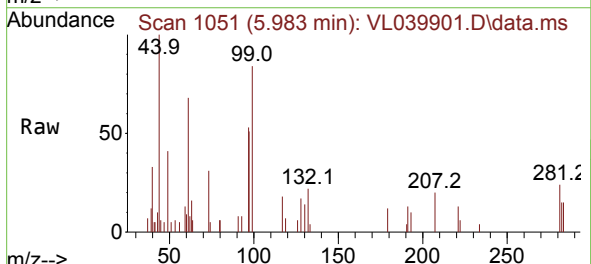
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

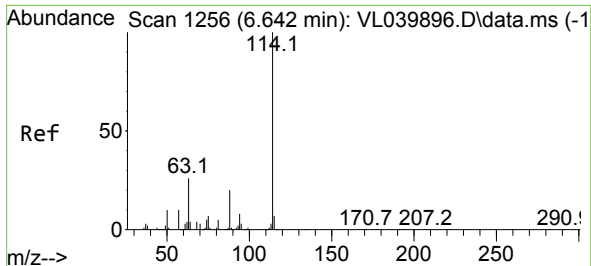
Tgt Ion: 61 Resp: 1436
 Ion Ratio Lower Upper
 61 100
 96 0.0 50.3 75.5#
 98 3.2 32.2 48.2#



#32
 1,1,1-Trichloroethane
 Concen: 0.021 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.006 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion: 97 Resp: 4634
 Ion Ratio Lower Upper
 97 100
 99 111.1 51.4 77.0#
 61 76.2 40.7 61.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

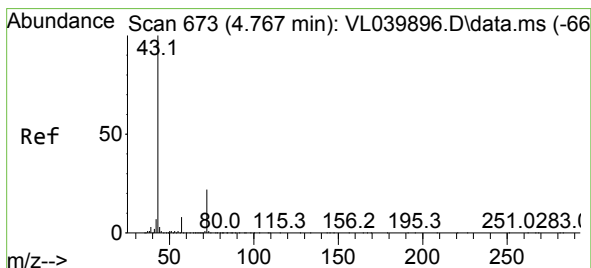
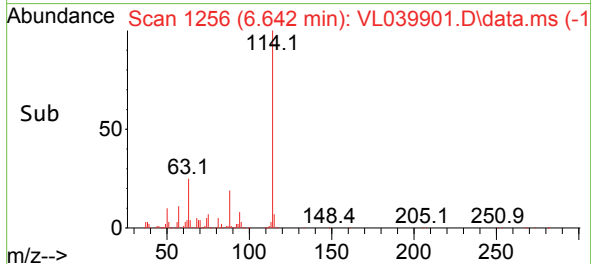
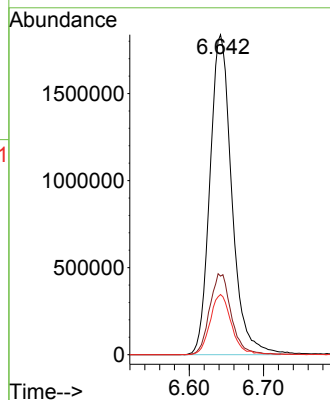
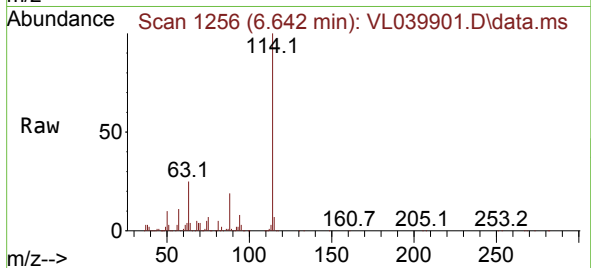
Tgt Ion:114 Resp: 3753799

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

88 18.6 15.3 22.9



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.006 min

Lab File: VL039901.D

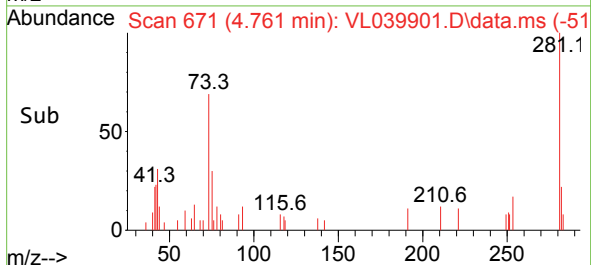
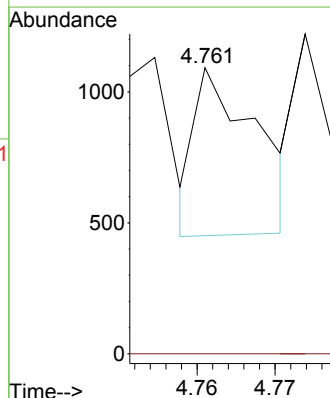
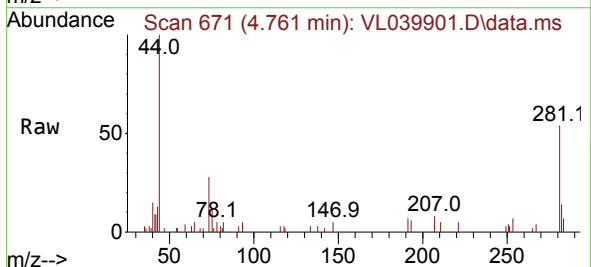
Acq: 18 Nov 2022 11:53

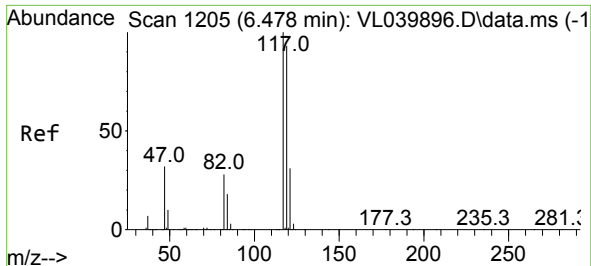
Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.2#

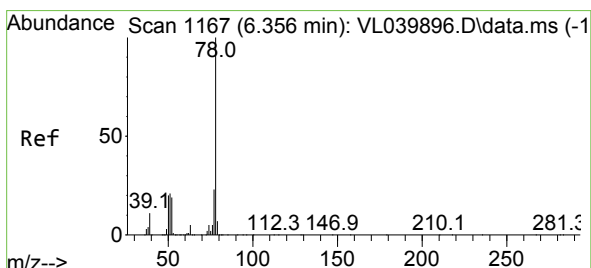
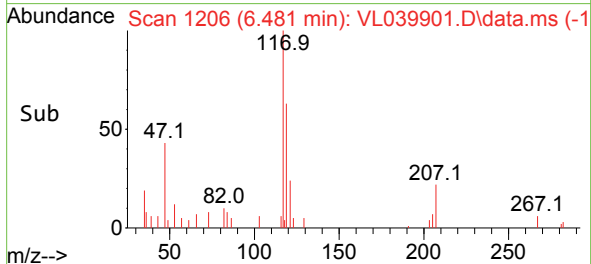
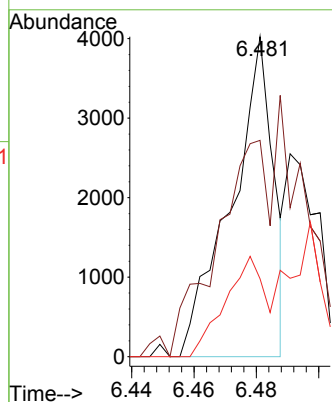
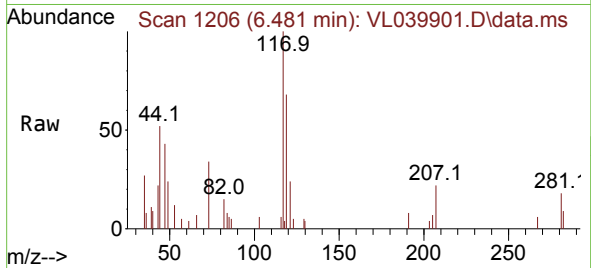




#35
Carbon Tetrachloride
Concen: 0.018 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

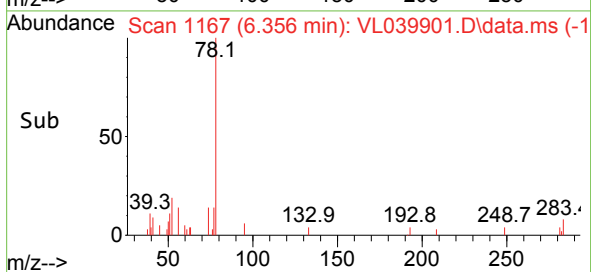
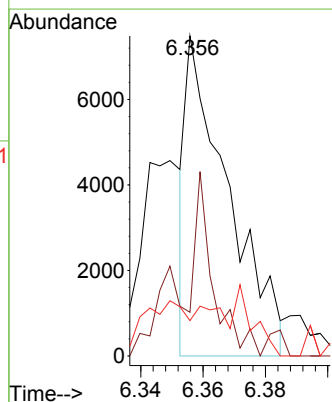
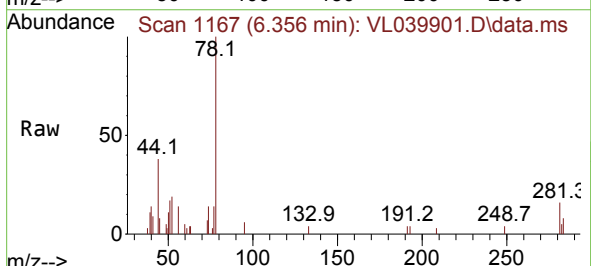
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

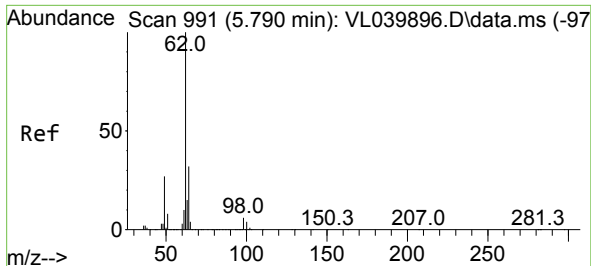
Tgt Ion:117 Resp: 3800
Ion Ratio Lower Upper
117 100
119 52.4 74.7 112.1#
121 24.3 24.5 36.7#



#36
Benzene
Concen: 0.022 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 78 Resp: 7017
Ion Ratio Lower Upper
78 100
77 6.2 18.2 27.2#
50 12.4 15.8 23.8#





#37

1,2-Dichloroethane

Concen: 0.030 ppbv

RT: 5.793 min Scan# 991

Delta R.T. 0.003 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

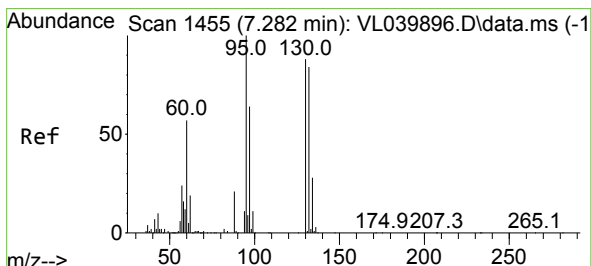
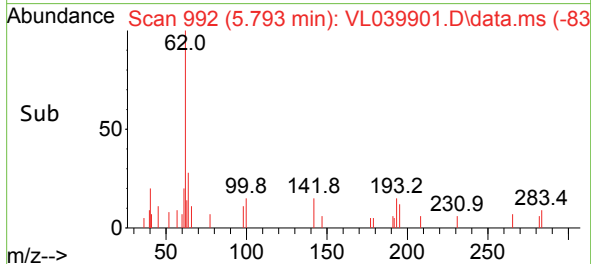
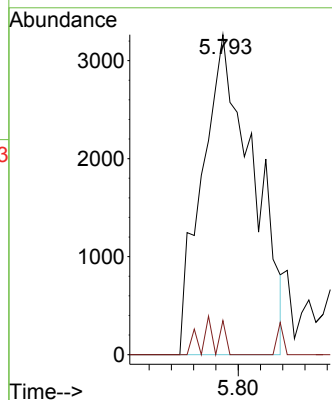
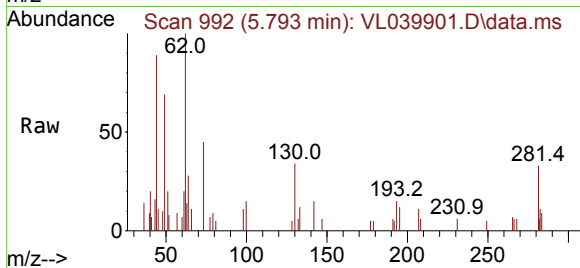
VSTDIC0.03

Tgt Ion: 62 Resp: 5177

Ion Ratio Lower Upper

62 100

98 3.7 5.0 7.6#



#38

Trichloroethene

Concen: 0.015 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Tgt Ion:130 Resp: 2681

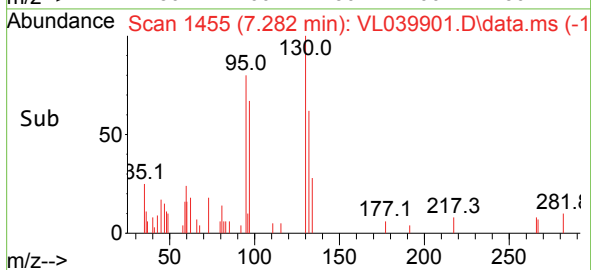
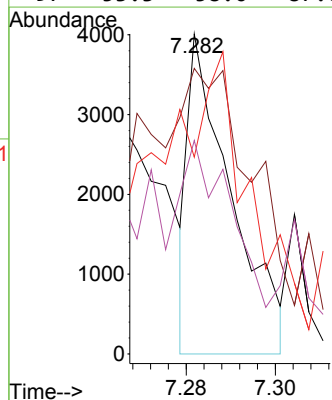
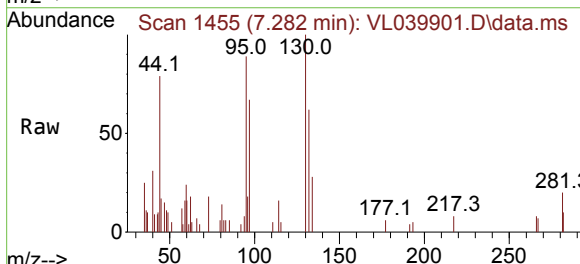
Ion Ratio Lower Upper

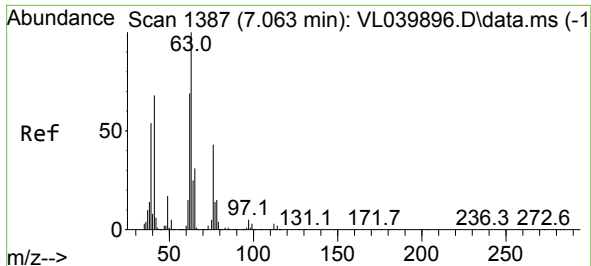
130 100

95 70.4 90.6 135.8#

132 28.5 76.2 114.4#

97 53.3 58.0 87.0#





#39

1,2-Dichloropropane

Concen: 7.522 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

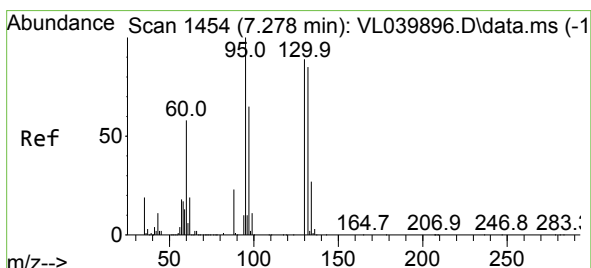
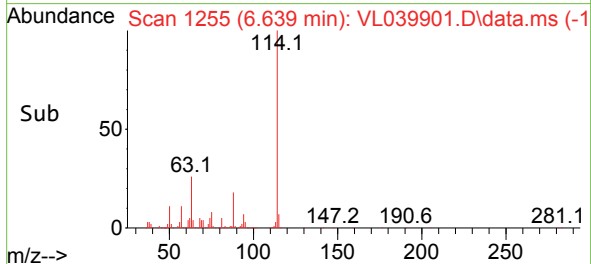
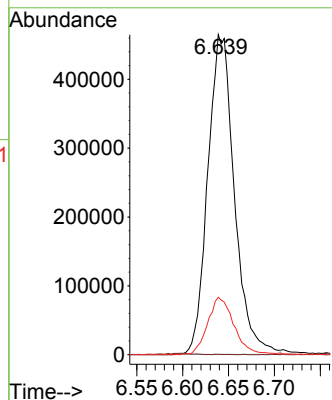
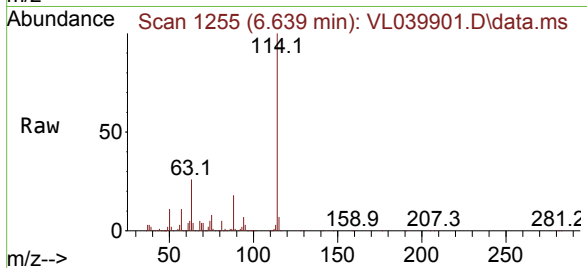
Tgt Ion: 63 Resp: 935096

Ion Ratio Lower Upper

63 100

41 0.1 54.7 82.1#

62 17.9 55.0 82.6#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.019 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Tgt Ion: 88 Resp: 85

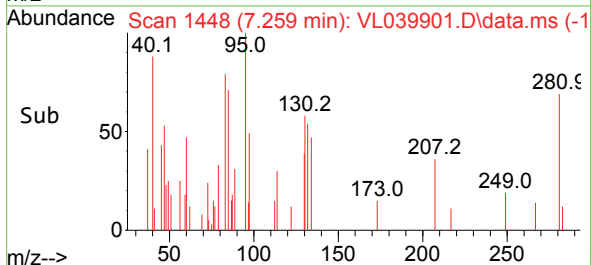
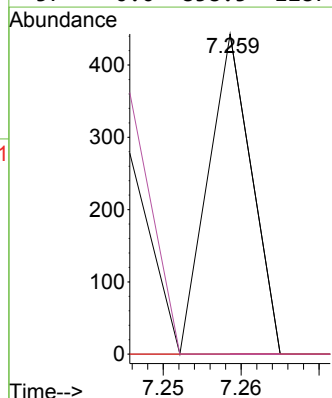
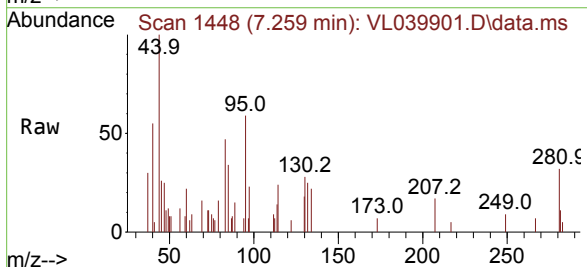
Ion Ratio Lower Upper

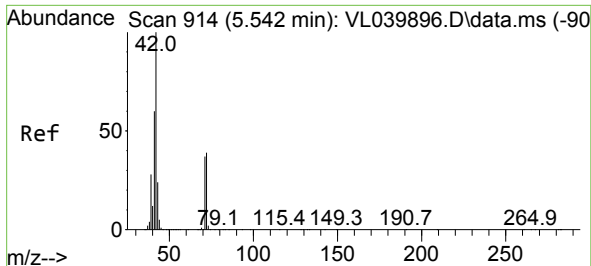
88 100

58 215.3 100.5 150.7#

43 0.0 195.8 293.8#

57 0.0 858.5 1287.7#





#41

Tetrahydrofuran

Concen: 0.003 ppbv

RT: 5.546 min Scan# 914

Delta R.T. 0.003 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

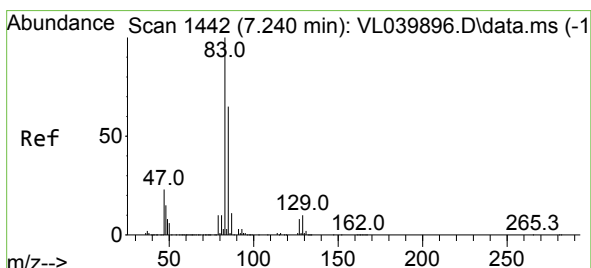
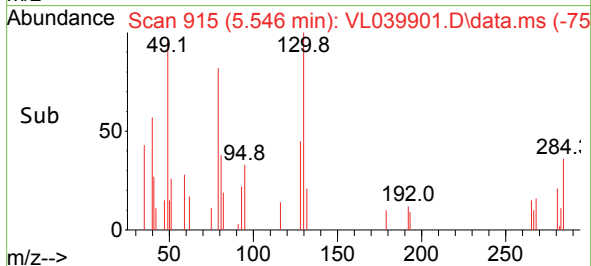
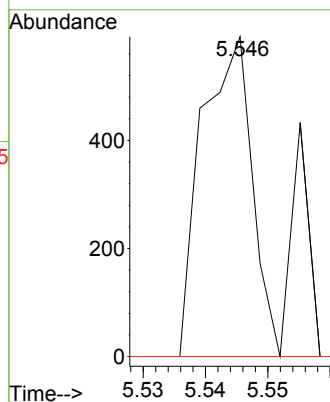
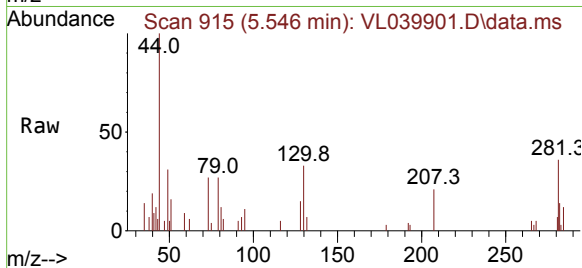
Tgt Ion: 42 Resp: 331

Ion Ratio Lower Upper

42 100

72 0.0 31.6 47.4#

71 0.0 31.2 46.8#



#42

Bromodichloromethane

Concen: 0.008 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. 0.003 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

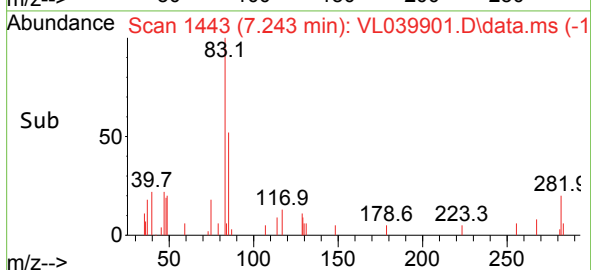
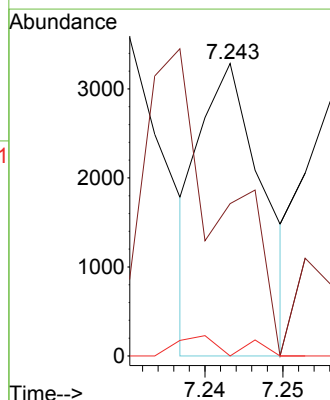
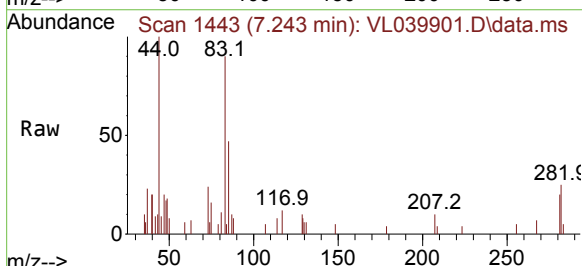
Tgt Ion: 83 Resp: 1837

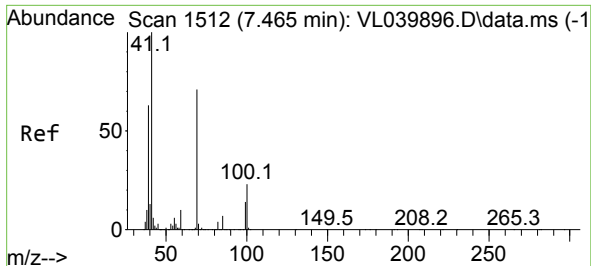
Ion Ratio Lower Upper

83 100

85 94.9 52.0 78.0#

127 0.0 6.5 9.7#

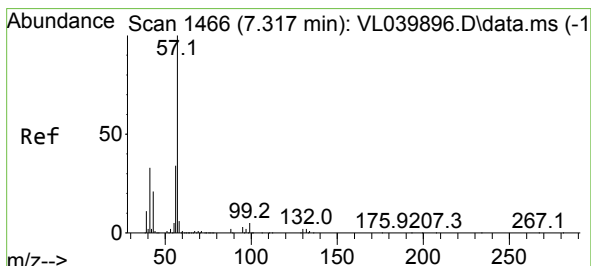
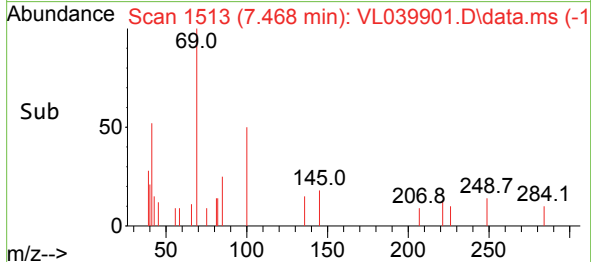
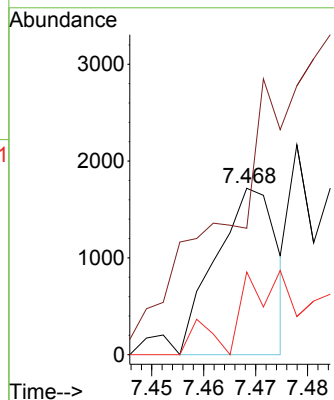
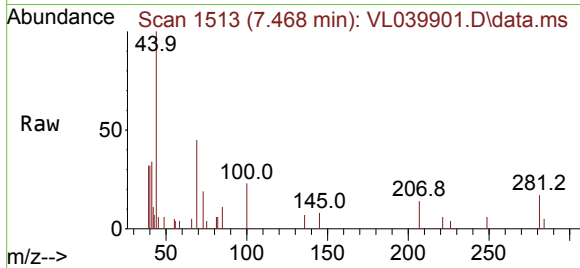




#43
Methyl Methacrylate
Concen: 0.011 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

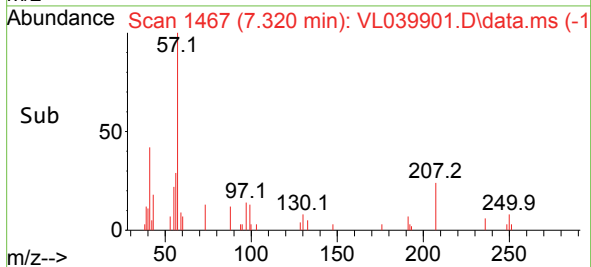
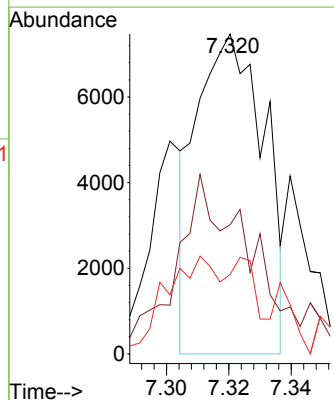
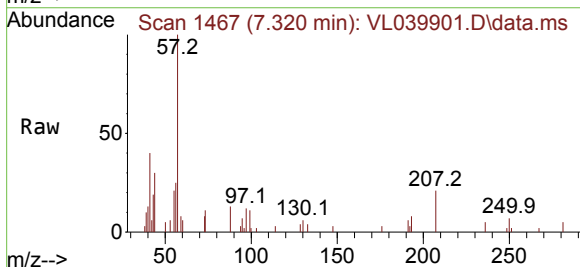
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

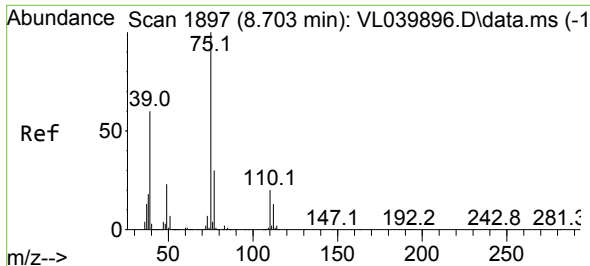
Tgt Ion: 69 Resp: 1402
Ion Ratio Lower Upper
69 100
41 0.0 116.4 174.6#
100 0.0 26.8 40.2#



#44
2,2,4-Trimethylpentane
Concen: 0.021 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 57 Resp: 11232
Ion Ratio Lower Upper
57 100
41 71.8 26.2 39.2#
56 48.2 25.5 38.3#

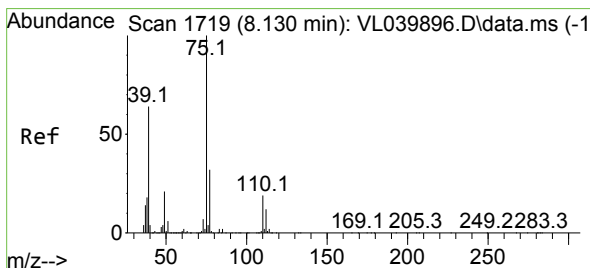
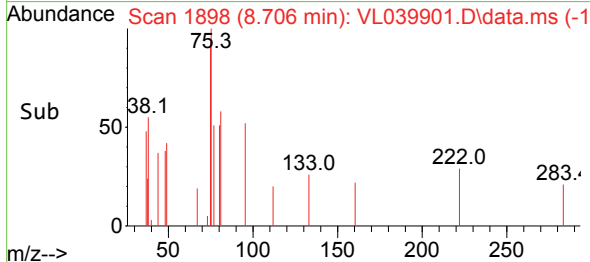
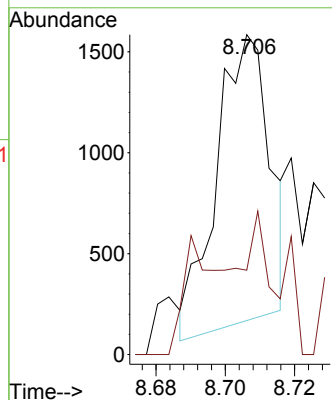
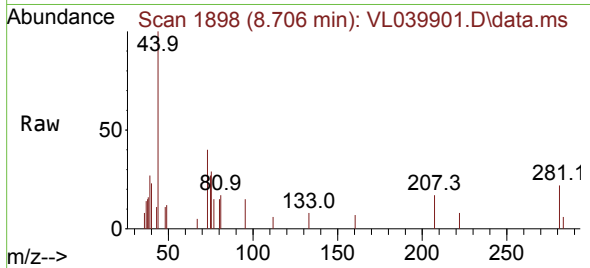




#45
 t-1,3-Dichloropropene
 Concen: 0.013 ppbv
 RT: 8.706 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

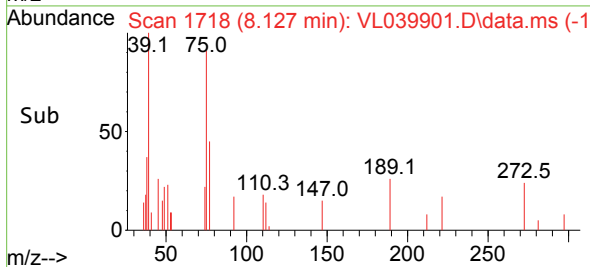
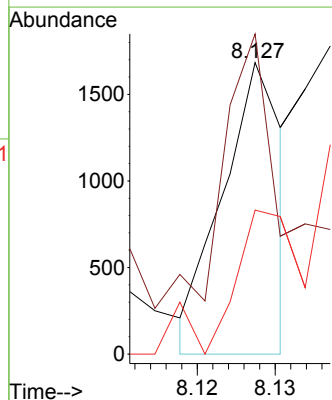
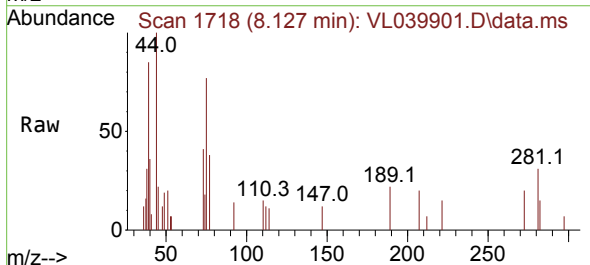
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

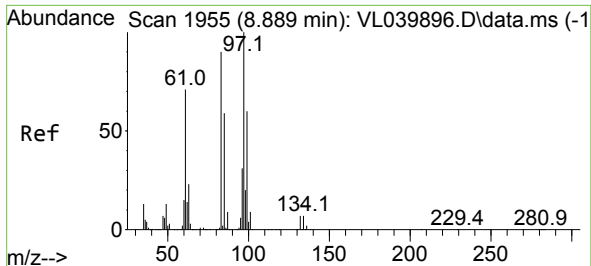
Tgt Ion: 75 Resp: 1525
 Ion Ratio Lower Upper
 75 100
 77 26.4 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 0.006 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. -0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion: 75 Resp: 901
 Ion Ratio Lower Upper
 75 100
 39 94.1 51.0 76.4#
 77 36.0 25.4 38.0

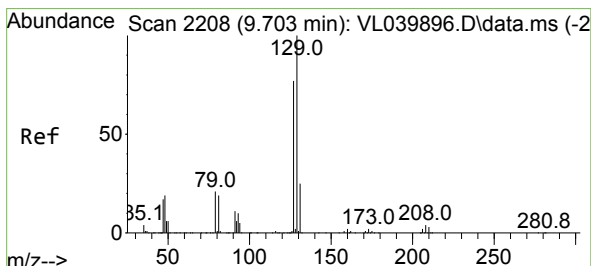
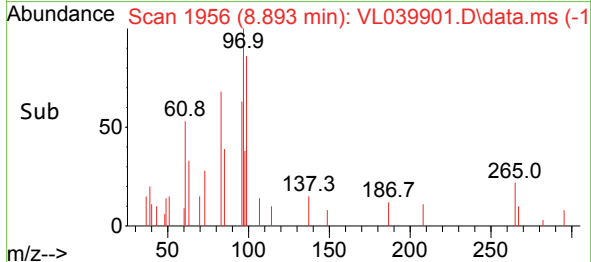
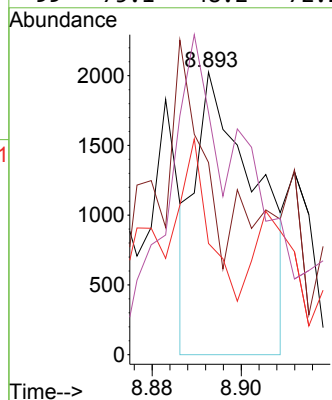
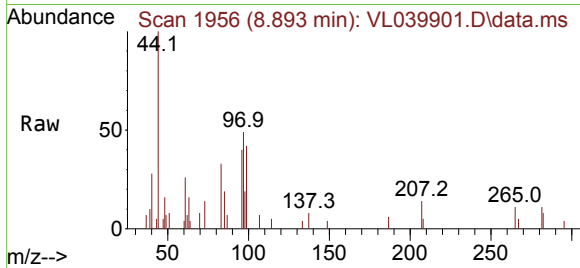




#47
1,1,2-Trichloroethane
Concen: 0.015 ppbv
RT: 8.893 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

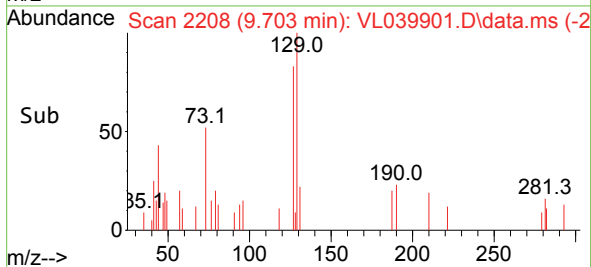
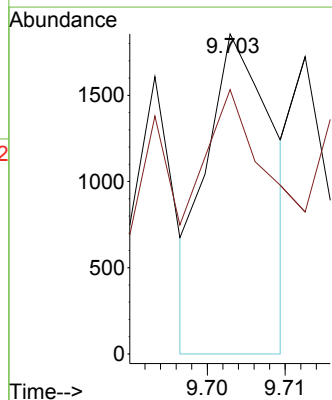
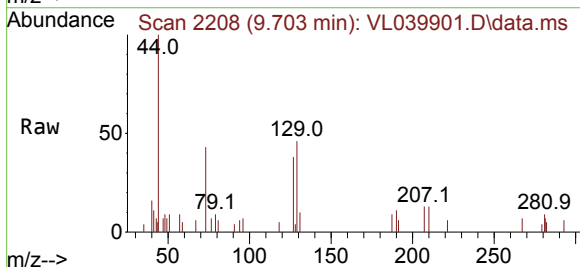
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

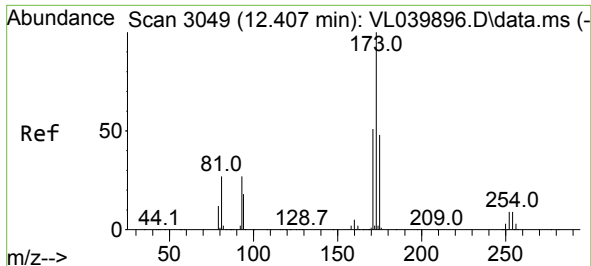
Tgt Ion: 97 Resp: 1885
Ion Ratio Lower Upper
97 100
83 40.1 72.1 108.1#
85 0.0 47.2 70.8#
99 75.1 48.2 72.2#



#48
Dibromochloromethane
Concen: 0.006 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 129 Resp: 1099
Ion Ratio Lower Upper
129 100
127 303.7 39.1 117.3#





#49

Bromoform

Concen: 0.003 ppbv

RT: 12.410 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

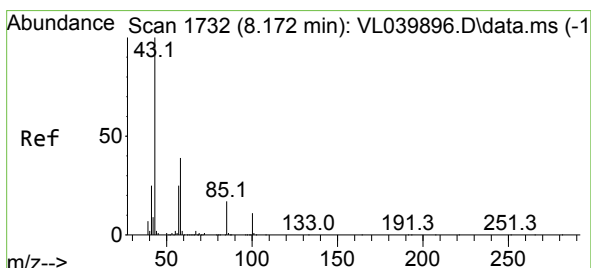
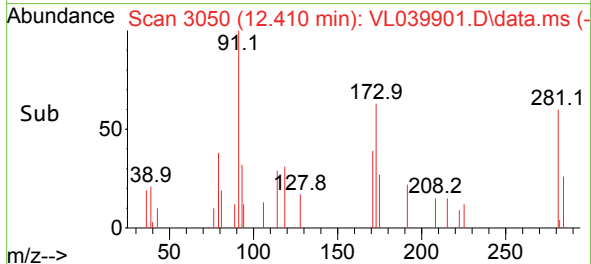
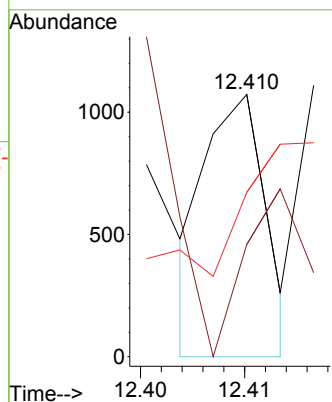
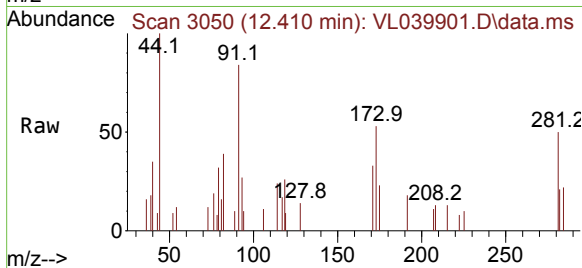
Tgt Ion:173 Resp: 433

Ion Ratio Lower Upper

173 100

175 0.0 39.1 58.7#

171 0.0 41.8 62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. -0.010 min

Lab File: VL039901.D

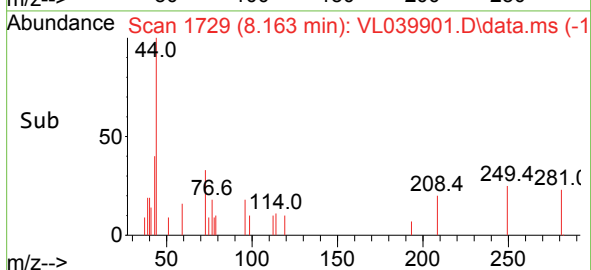
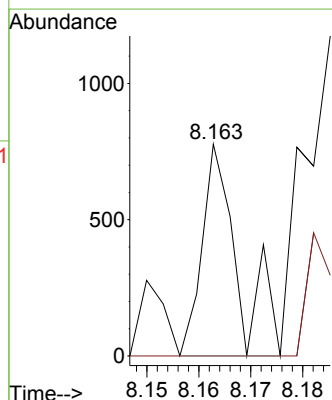
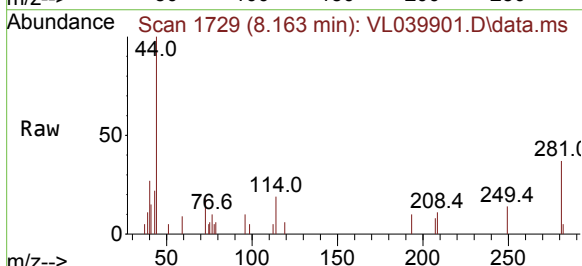
Acq: 18 Nov 2022 11:53

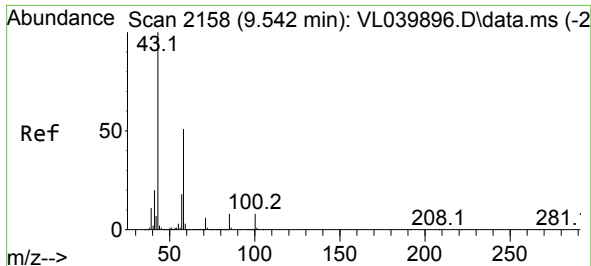
Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.6#

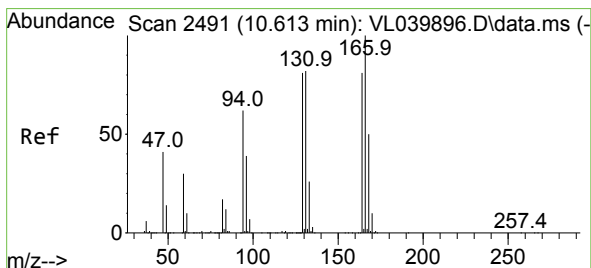
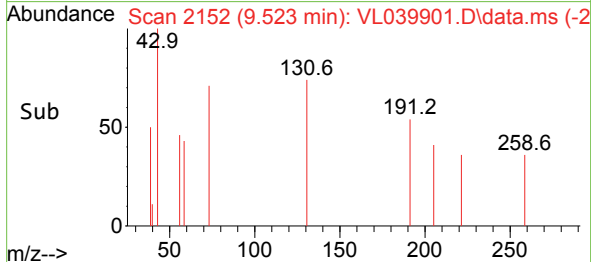
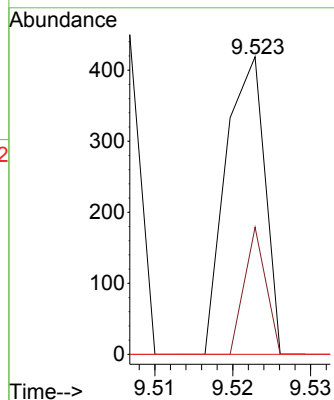
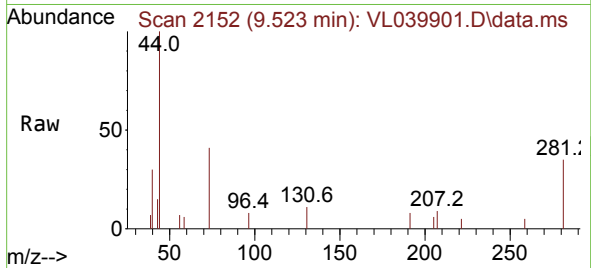




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.523 min Scan# 2158
Delta R.T. -0.019 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

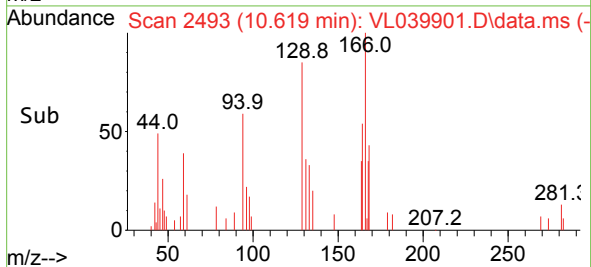
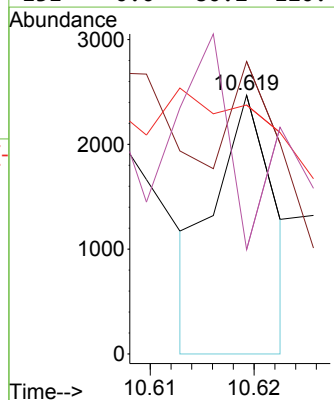
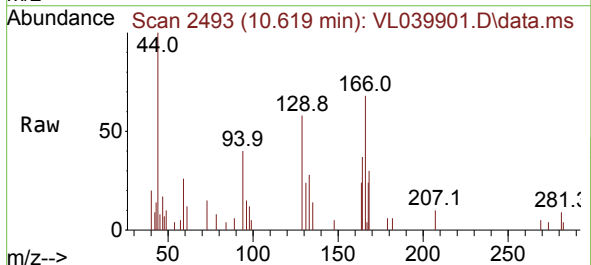
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

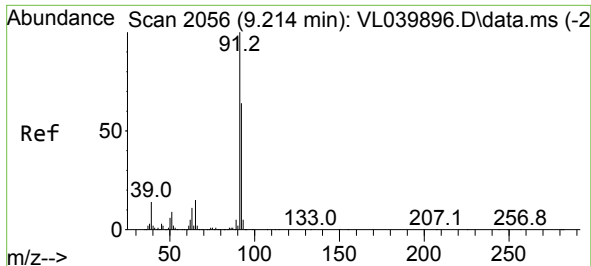
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.4#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.008 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.007 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 164 Resp: 979
Ion Ratio Lower Upper
164 100
166 65.9 98.3 147.5#
129 20.2 79.7 119.5#
131 0.0 80.2 120.4#

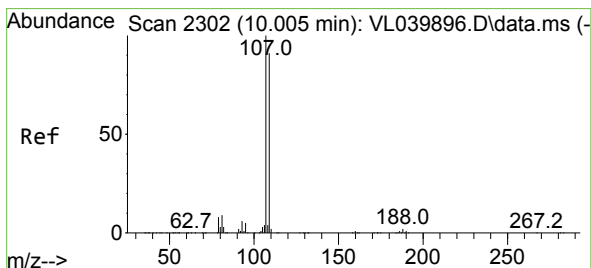
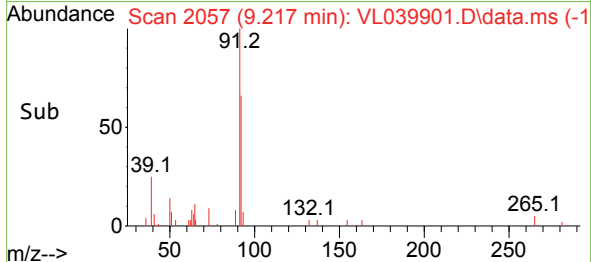
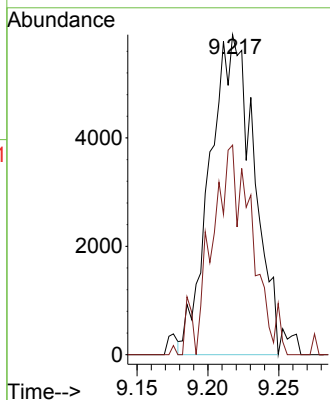
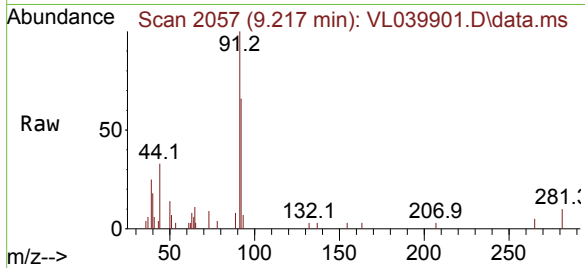




#53
Toluene
Concen: 0.035 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

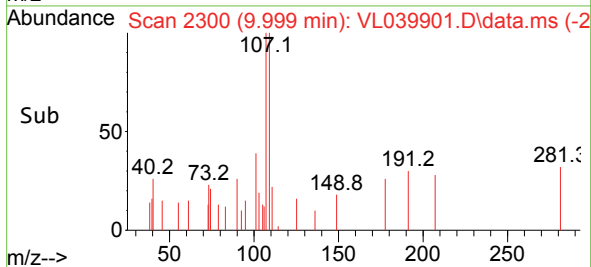
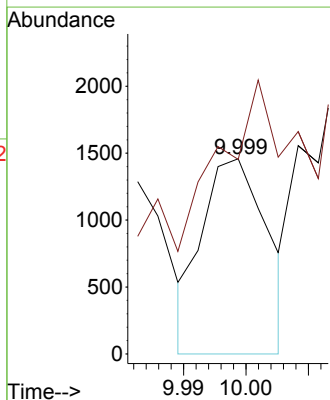
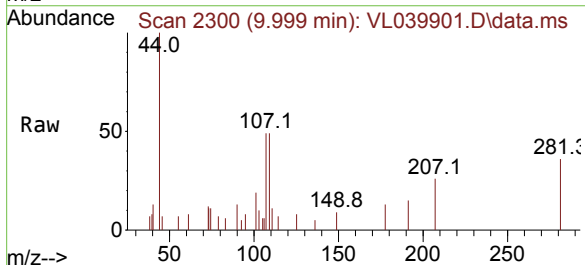
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

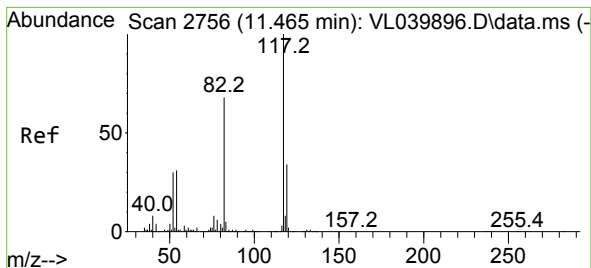
Tgt Ion: 91 Resp: 12782
Ion Ratio Lower Upper
91 100
92 60.5 49.8 74.6



#54
1,2-Dibromoethane
Concen: 0.008 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.006 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 107 Resp: 1056
Ion Ratio Lower Upper
107 100
109 74.5 72.8 109.2

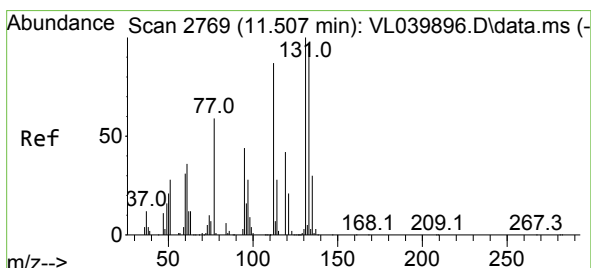
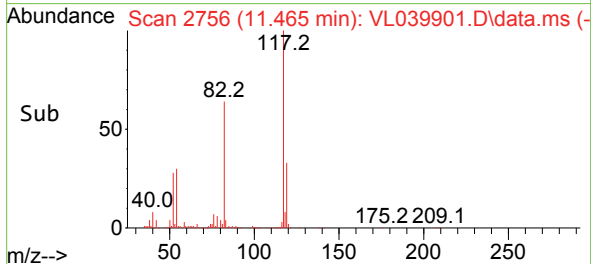
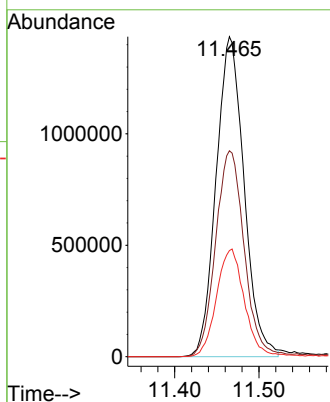
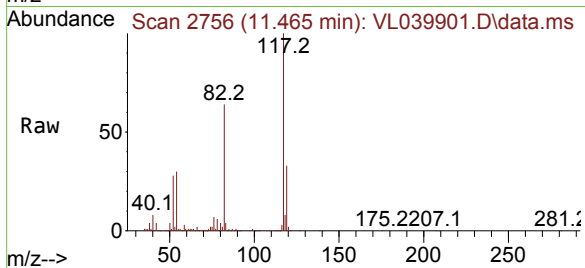




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

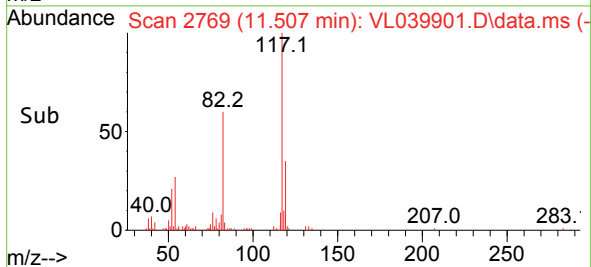
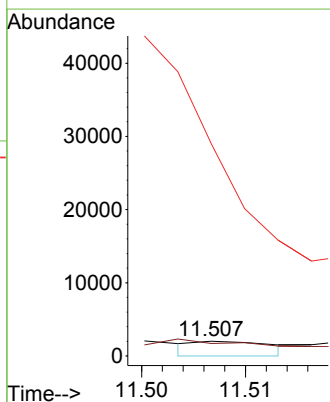
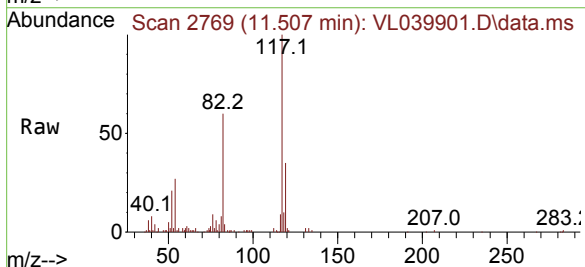
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

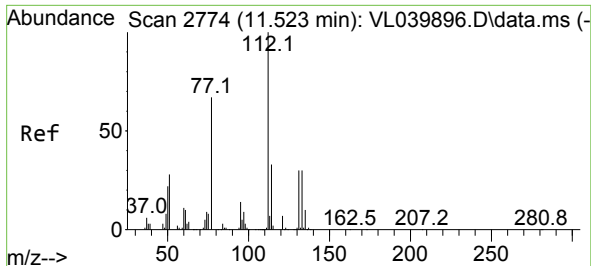
Tgt Ion:117 Resp: 3305163
Ion Ratio Lower Upper
117 100
82 66.9 52.3 78.5
119 34.2 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.008 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion:131 Resp: 1034
Ion Ratio Lower Upper
131 100
133 470.5 76.7 115.1#
119 0.0 46.6 69.8#

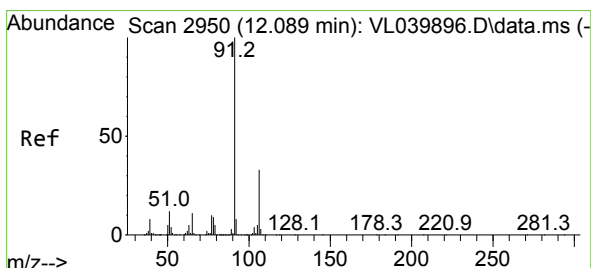
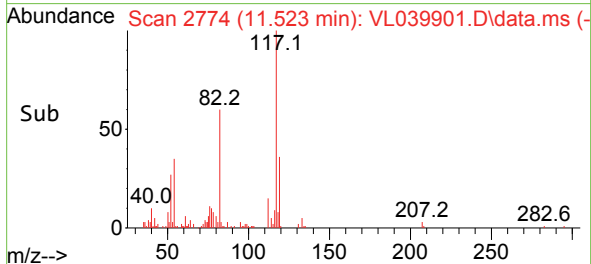
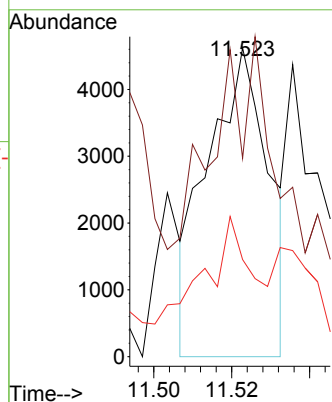
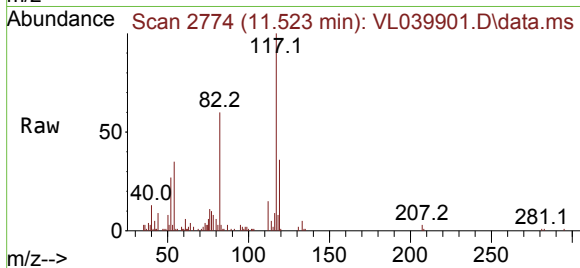




#57
Chlorobenzene
Concen: 0.020 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

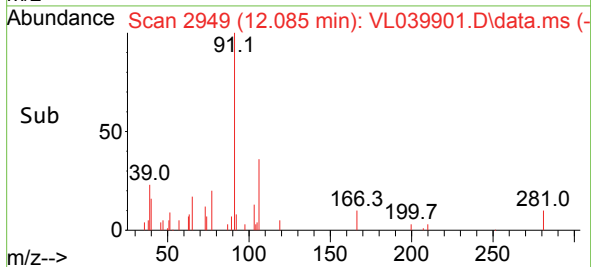
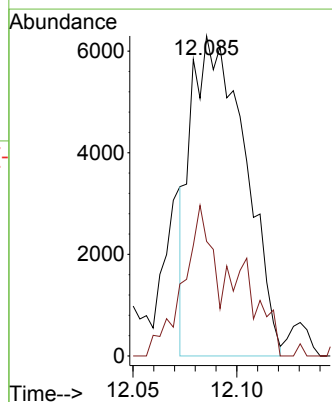
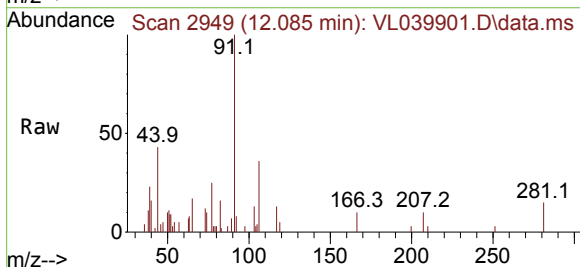
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

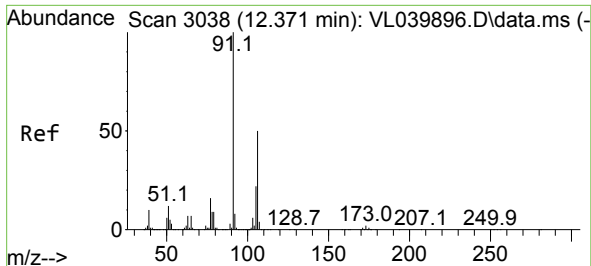
Tgt Ion:112 Resp: 4999
Ion Ratio Lower Upper
112 100
77 41.3 54.6 81.8#
114 22.8 30.1 36.7#



#58
Ethyl Benzene
Concen: 0.025 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 91 Resp: 11377
Ion Ratio Lower Upper
91 100
106 38.3 26.1 39.1





#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. -0.006 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

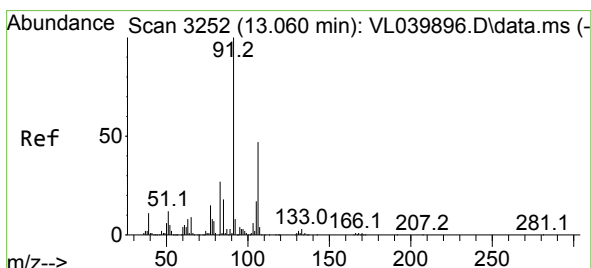
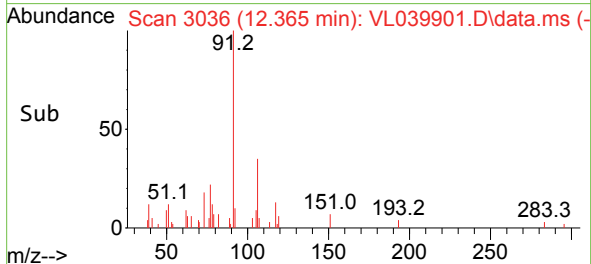
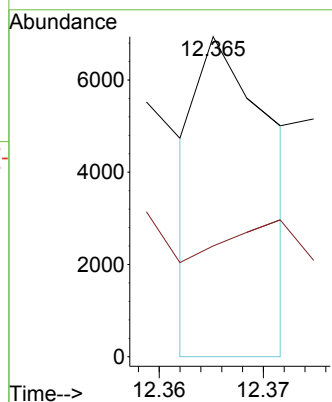
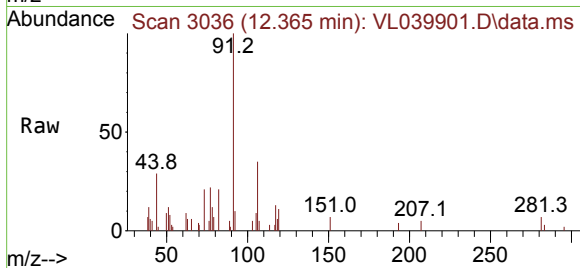
VSTDIC0.03

Tgt Ion: 91 Resp: 3382

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.6#



#60

o-Xylene

Concen: 0.009 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.003 min

Lab File: VL039901.D

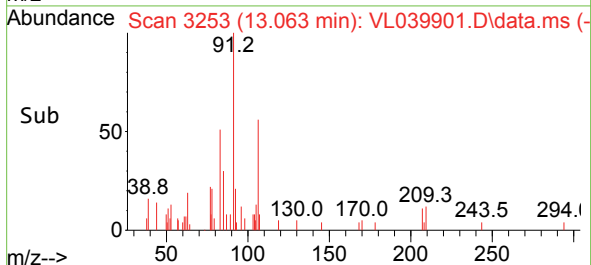
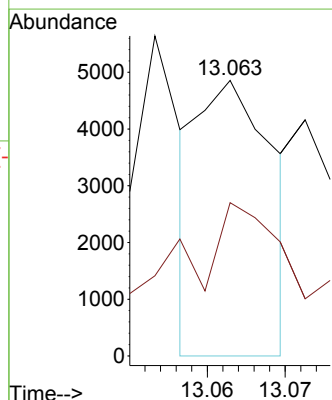
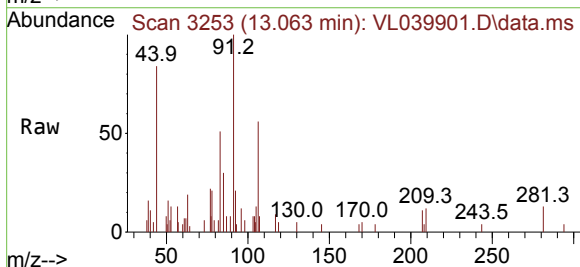
Acq: 18 Nov 2022 11:53

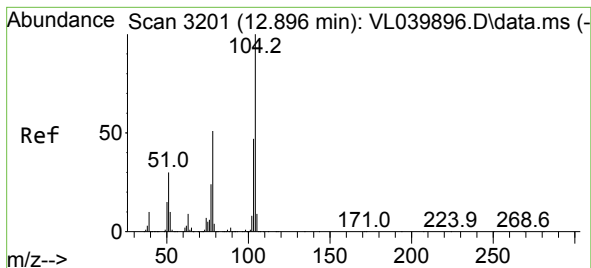
Tgt Ion: 91 Resp: 3233

Ion Ratio Lower Upper

91 100

106 157.8 23.2 69.6#





#61

Styrene

Concen: 0.009 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

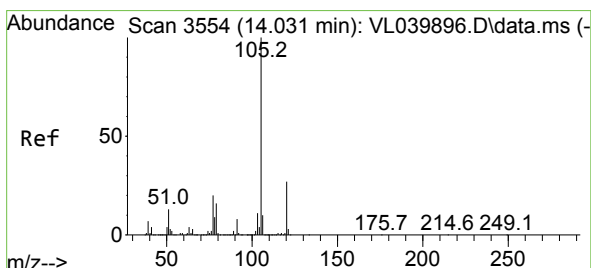
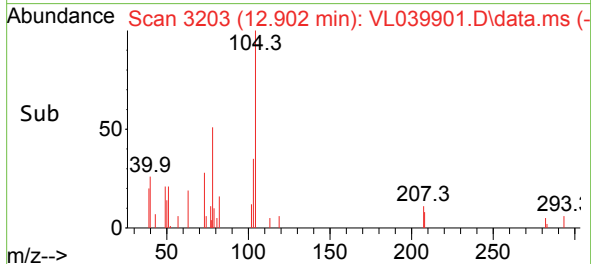
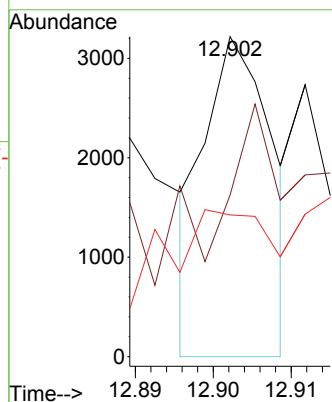
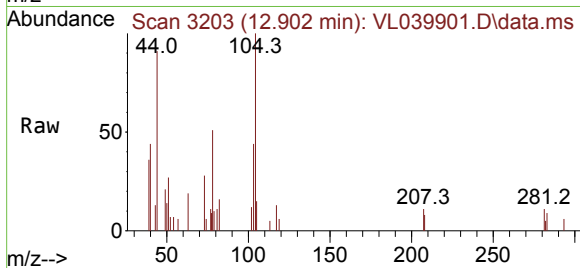
Tgt Ion:104 Resp: 1939

Ion Ratio Lower Upper

104 100

78 247.7 41.8 62.8#

103 0.0 37.2 55.8#



#62

Isopropylbenzene

Concen: 0.015 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. -0.003 min

Lab File: VL039901.D

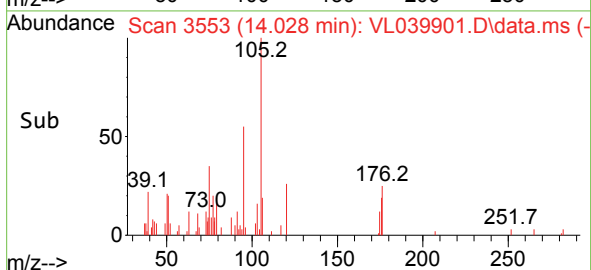
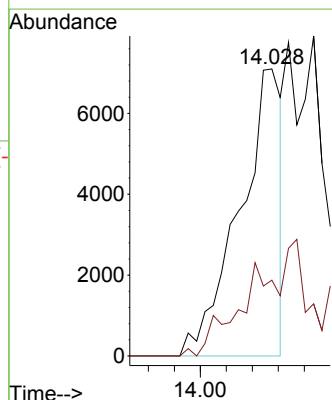
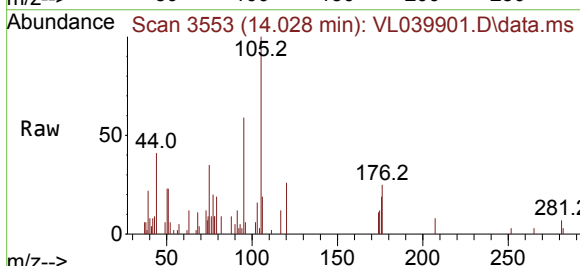
Acq: 18 Nov 2022 11:53

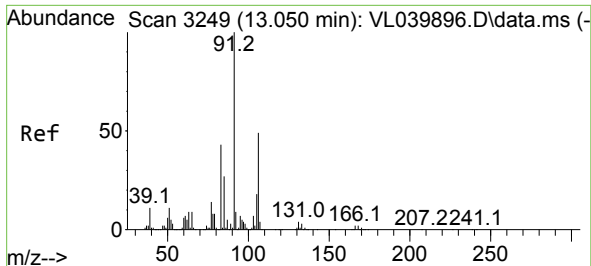
Tgt Ion:105 Resp: 7933

Ion Ratio Lower Upper

105 100

120 0.0 21.4 32.2#

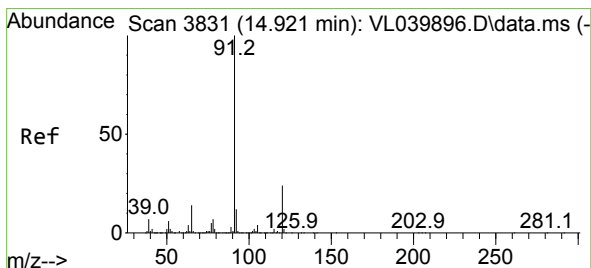
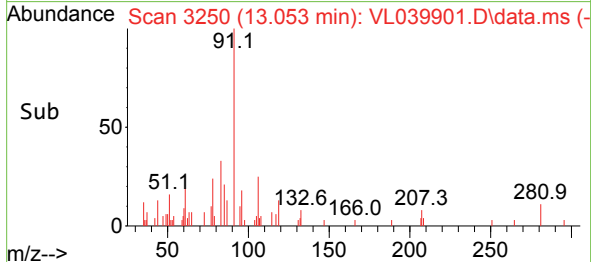
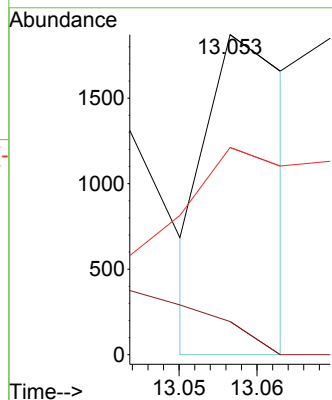
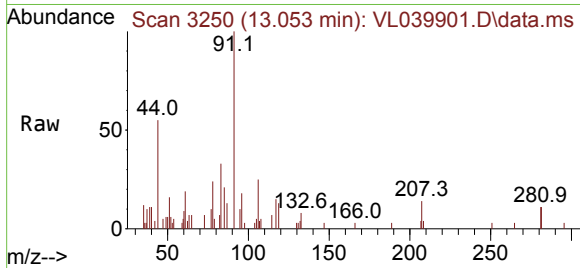




#63
1,1,2,2-Tetrachloroethane
Concen: 0.006 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

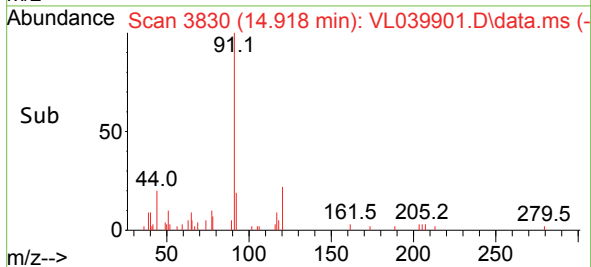
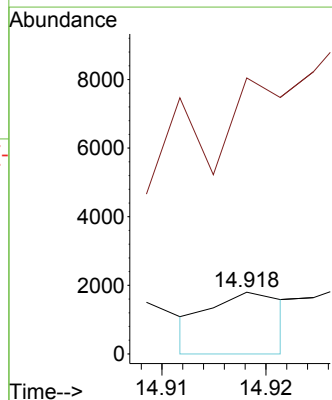
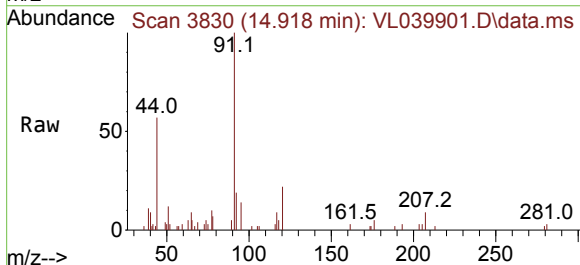
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

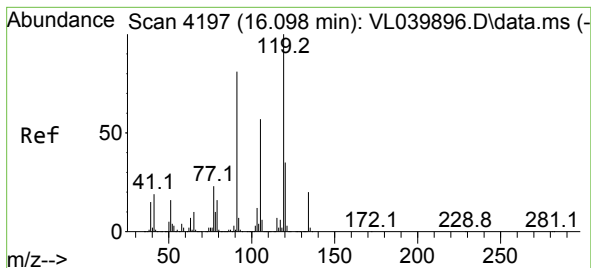
Tgt Ion: 83 Resp: 681
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.007 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 120 Resp: 913
Ion Ratio Lower Upper
120 100
91 0.0 353.7 530.5#

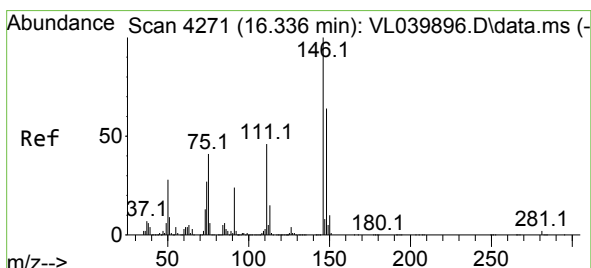
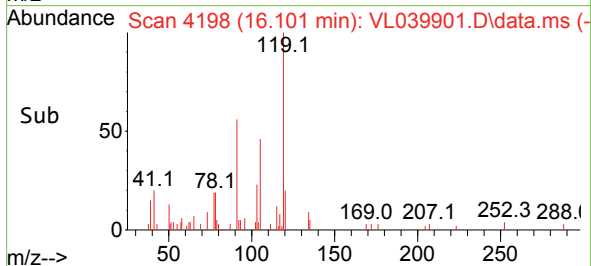
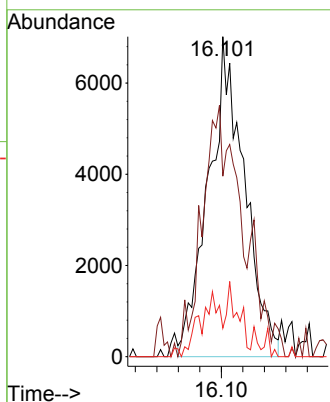
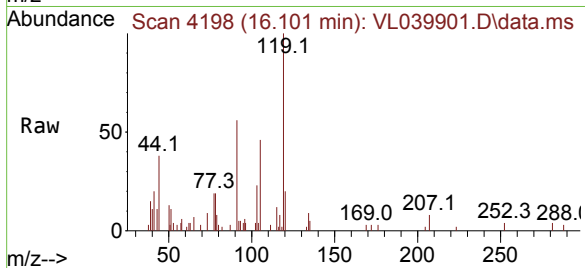




#65
tert-Butylbenzene
Concen: 0.036 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

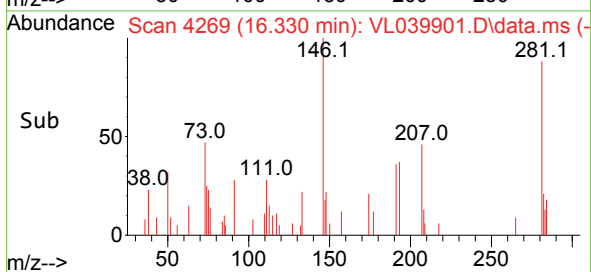
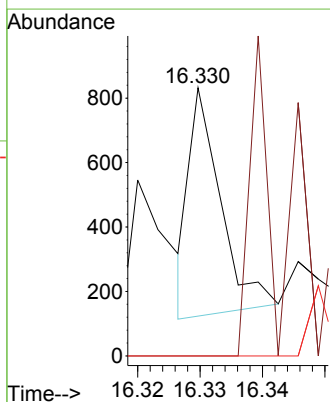
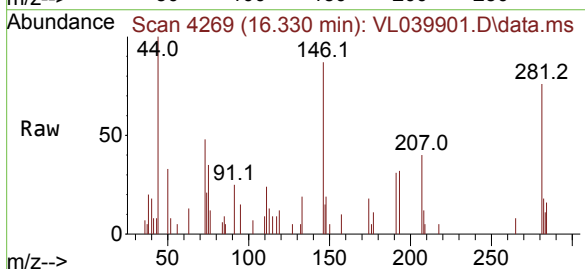
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

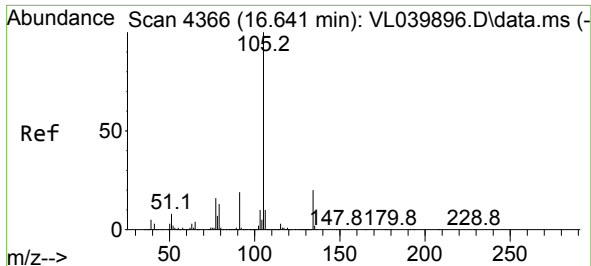
Tgt Ion:119 Resp: 16216
Ion Ratio Lower Upper
119 100
91 89.7 65.8 98.8
134 22.1 16.1 24.1



#66
Benzyl Chloride
Concen: 0.006 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 91 Resp: 246
Ion Ratio Lower Upper
91 100
126 624.4 15.0 22.6#
128 0.0 4.6 7.0#

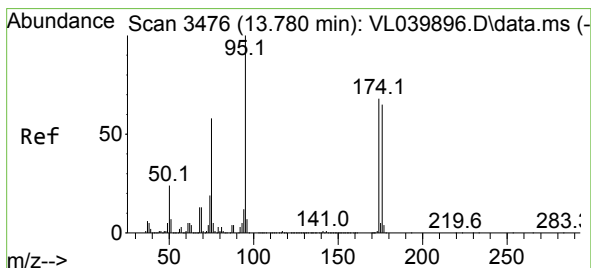
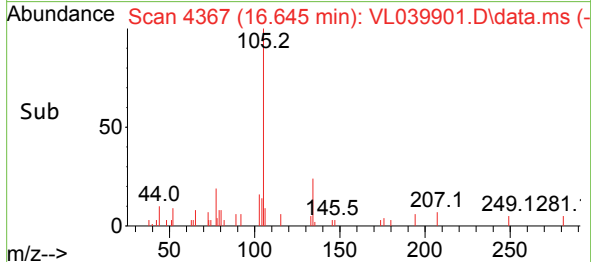
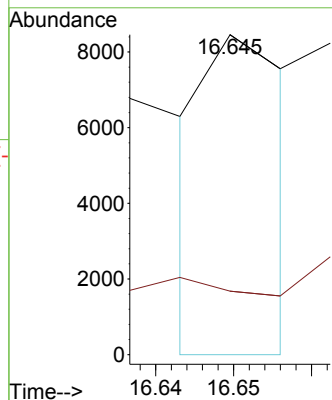
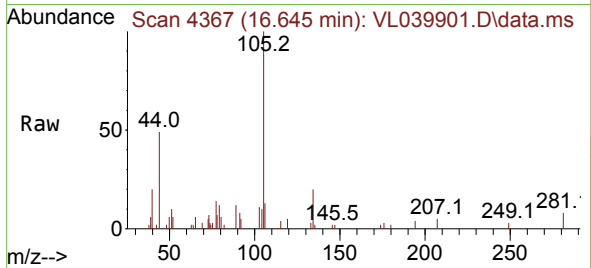




#67
 sec-Butylbenzene
 Concen: 0.005 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

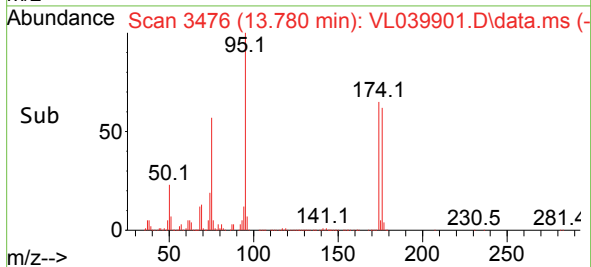
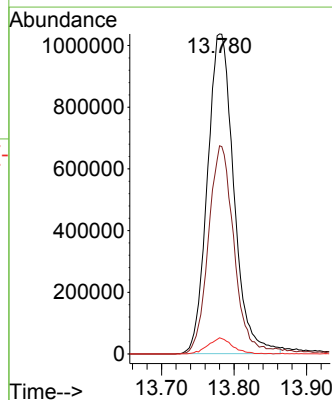
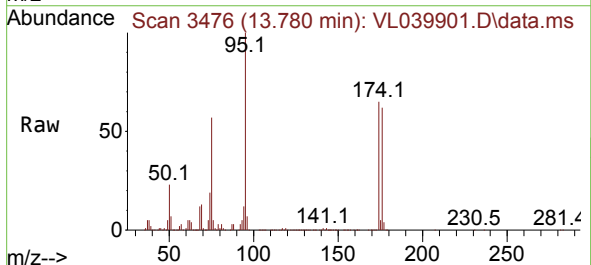
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

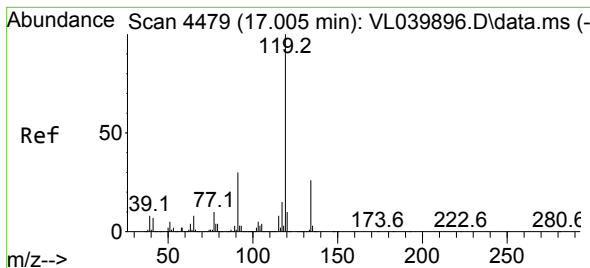
Tgt Ion:105 Resp: 3091
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.0 22.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.380 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Tgt Ion: 95 Resp: 2620506
 Ion Ratio Lower Upper
 95 100
 174 65.0 53.7 80.5
 175 4.8 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.025 ppbv

RT: 17.015 min Scan# 4482

Delta R.T. 0.010 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

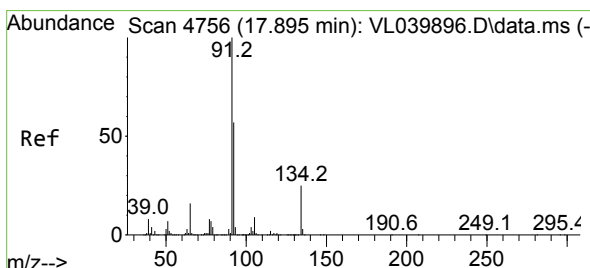
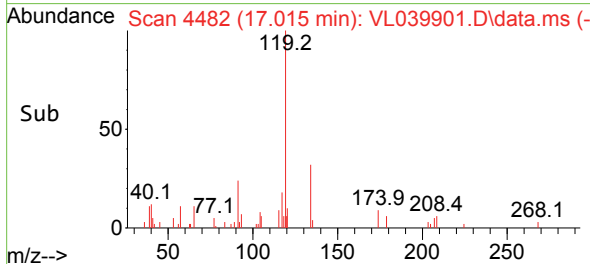
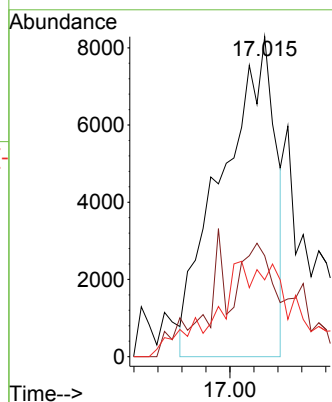
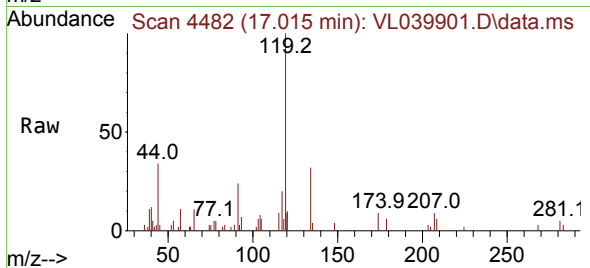
Tgt Ion:119 Resp: 12838

Ion Ratio Lower Upper

119 100

134 51.5 21.0 31.4#

91 45.2 24.4 36.6#



#70

n-Butylbenzene

Concen: 0.005 ppbv

RT: 17.896 min Scan# 4756

Delta R.T. 0.000 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

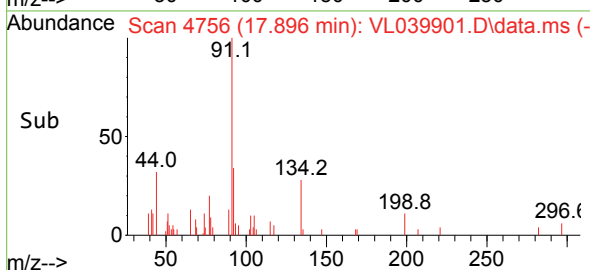
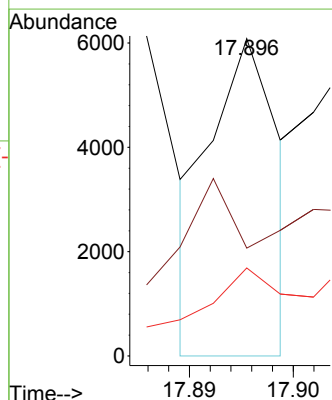
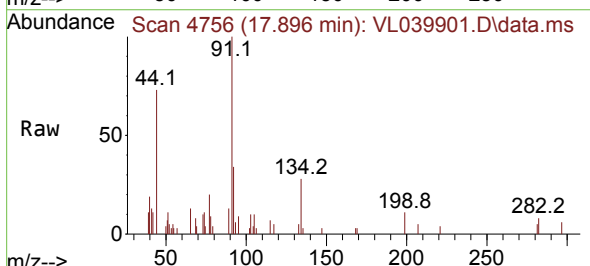
Tgt Ion: 91 Resp: 2771

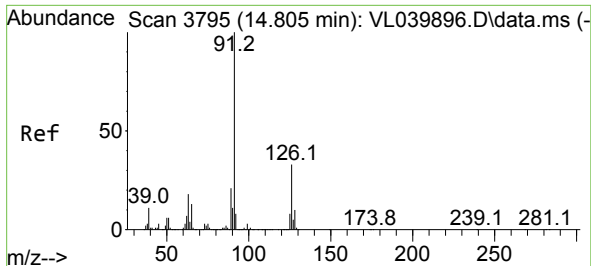
Ion Ratio Lower Upper

91 100

92 0.0 44.2 66.2#

134 0.0 18.8 28.2#

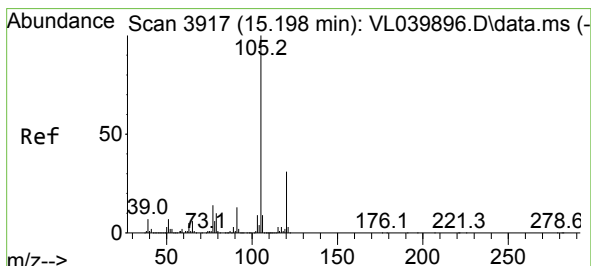
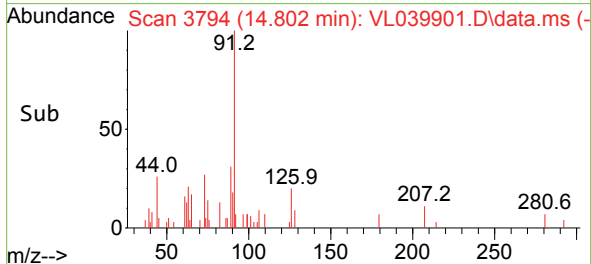
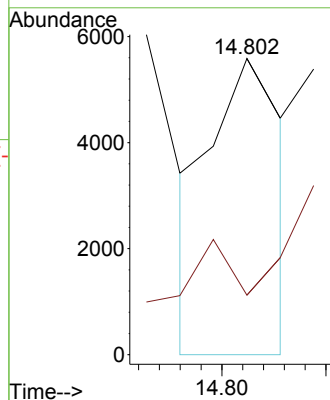
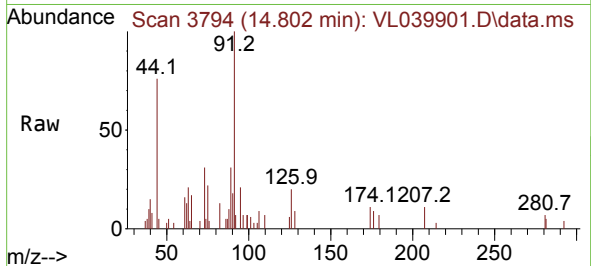




#71
2-Chlorotoluene
Concen: 0.007 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

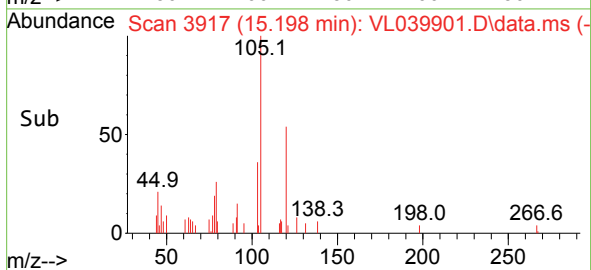
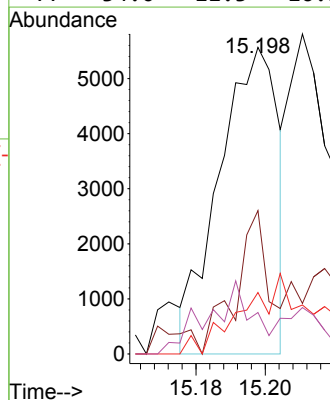
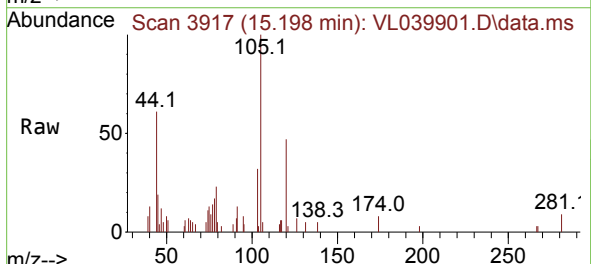
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

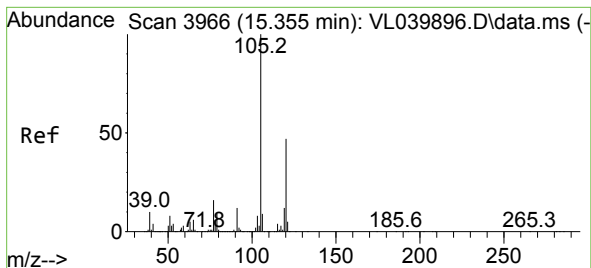
Tgt Ion: 91 Resp: 2693
Ion Ratio Lower Upper
91 100
126 0.0 12.8 51.0#



#72
4-Ethyltoluene
Concen: 0.016 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 105 Resp: 6562
Ion Ratio Lower Upper
105 100
120 63.0 24.5 36.7#
91 38.1 10.4 15.6#
77 34.0 11.3 16.9#





#73

1,3,5-Trimethylbenzene

Concen: 0.009 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.000 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

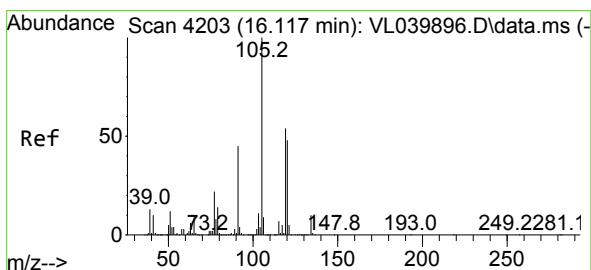
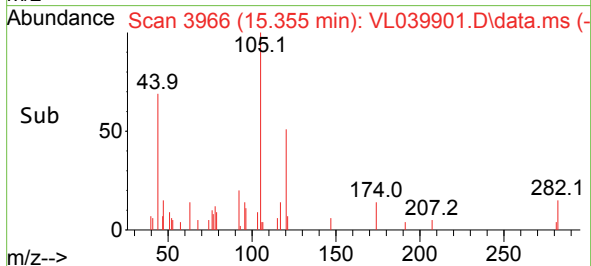
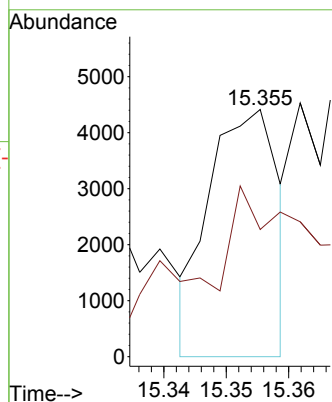
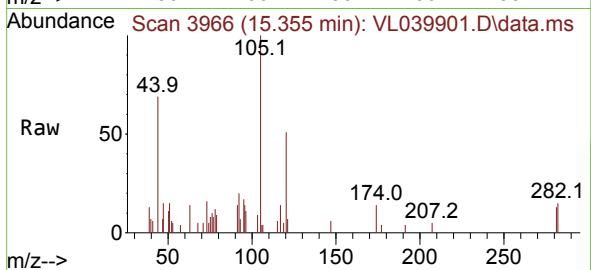
VSTDICC0.03

Tgt Ion:105 Resp: 3398

Ion Ratio Lower Upper

105 100

120 23.4 37.9 56.9#



#74

1,2,4-Trimethylbenzene

Concen: 0.011 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. -0.006 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Tgt Ion:105 Resp: 4412

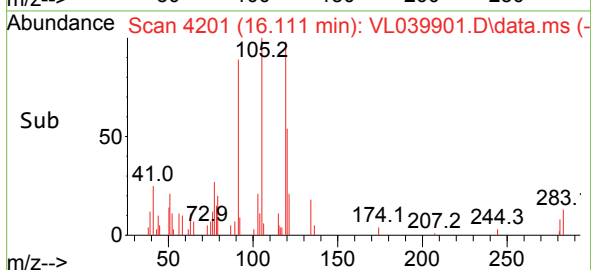
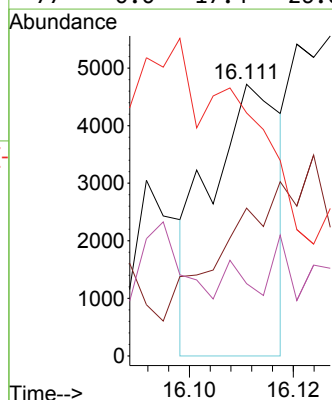
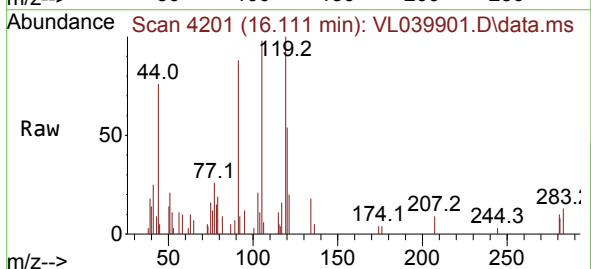
Ion Ratio Lower Upper

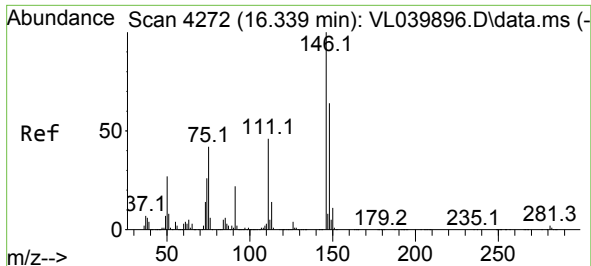
105 100

120 50.6 38.7 58.1

91 35.1 36.4 54.6#

77 0.0 17.4 26.0#

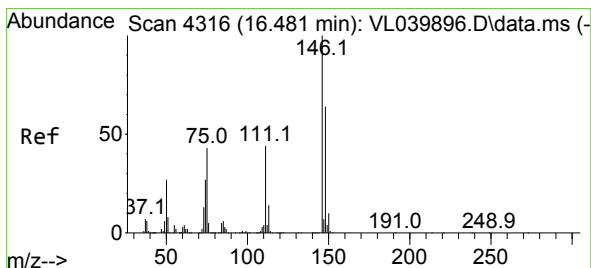
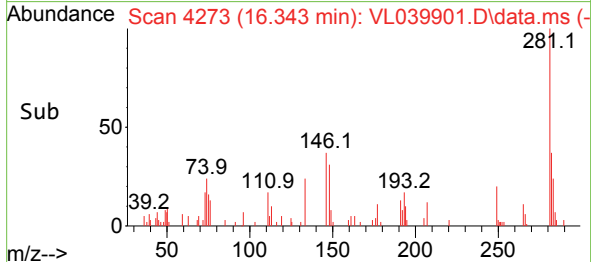
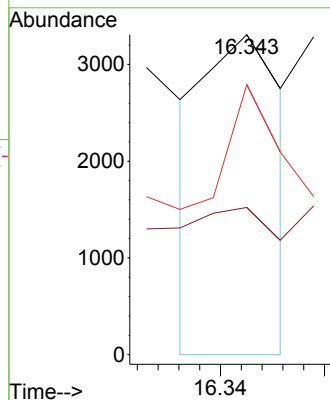
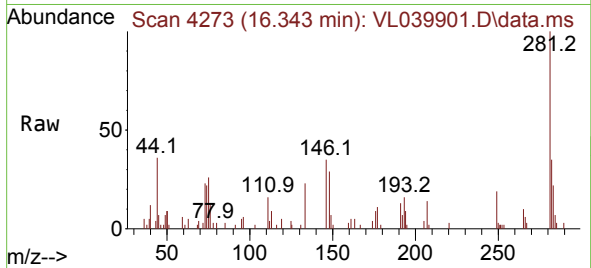




#75
1,3-Dichlorobenzene
Concen: 0.008 ppbv
RT: 16.343 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

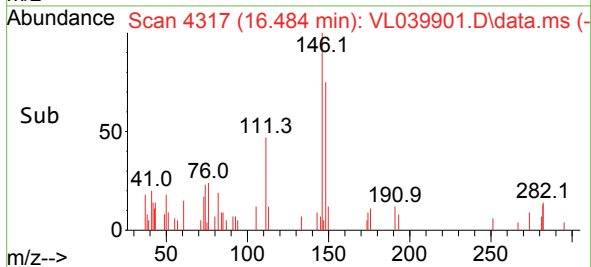
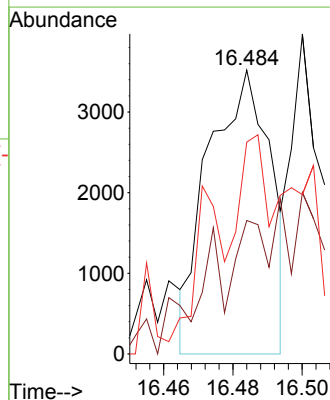
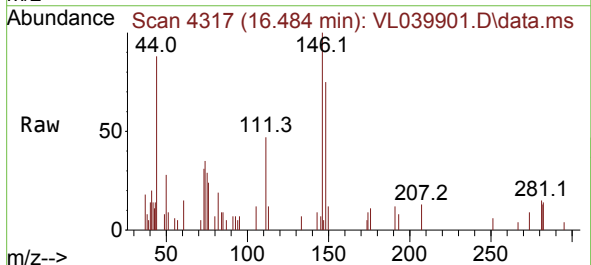
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

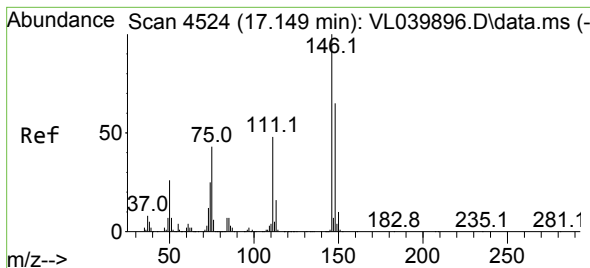
Tgt Ion:146 Resp: 1738
Ion Ratio Lower Upper
146 100
111 0.0 23.3 69.9#
148 390.4 32.2 96.6#



#76
1,4-Dichlorobenzene
Concen: 0.020 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion:146 Resp: 4374
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.3#
148 134.6 32.3 96.9#





#77

1,2-Dichlorobenzene

Concen: 0.009 ppbv

RT: 17.156 min Scan# 4526

Delta R.T. 0.007 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

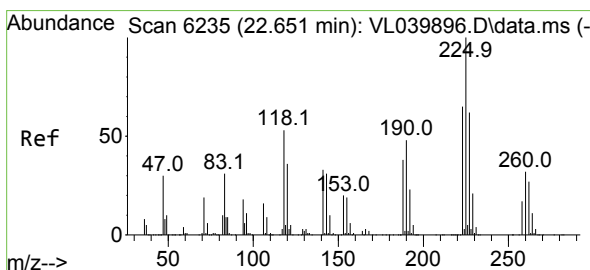
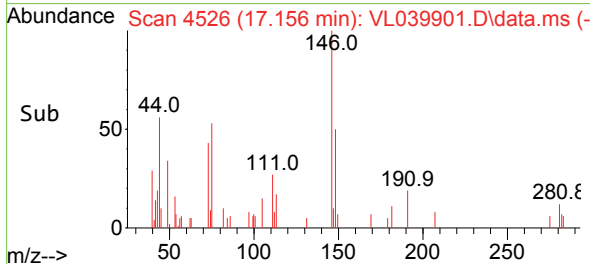
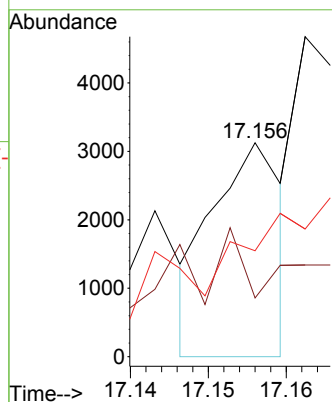
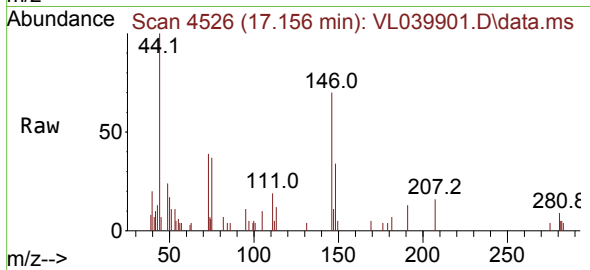
Tgt Ion:146 Resp: 1959

Ion Ratio Lower Upper

146 100

111 244.1 24.1 72.3#

148 0.0 32.4 97.2#



#78

Hexachloro-1,3-Butadiene

Concen: 0.010 ppbv

RT: 22.654 min Scan# 6236

Delta R.T. 0.003 min

Lab File: VL039901.D

Acq: 18 Nov 2022 11:53

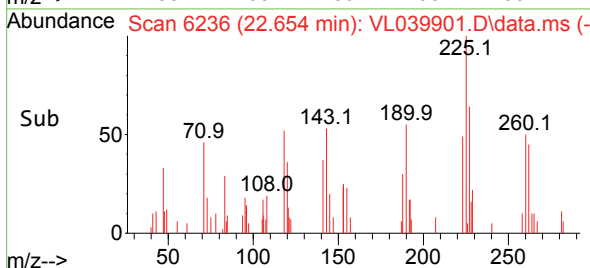
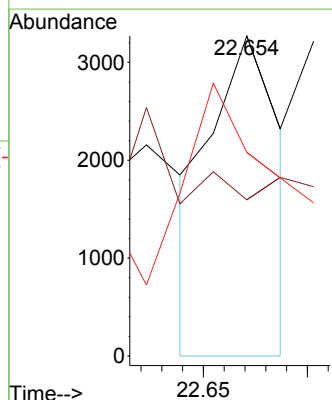
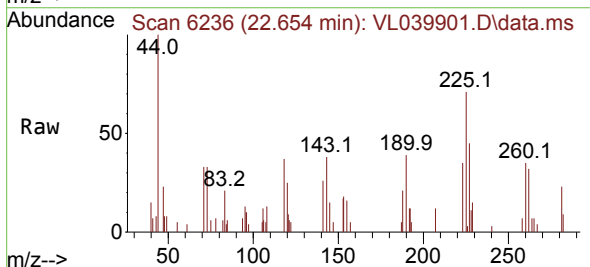
Tgt Ion:225 Resp: 1518

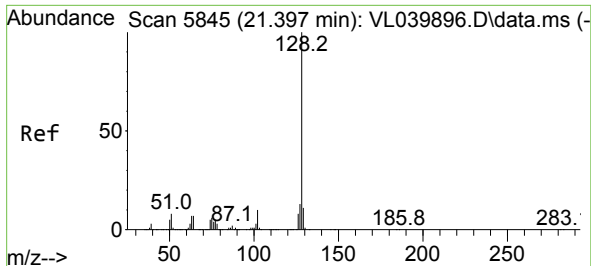
Ion Ratio Lower Upper

225 100

223 0.0 50.7 76.1#

227 440.1 50.8 76.2#

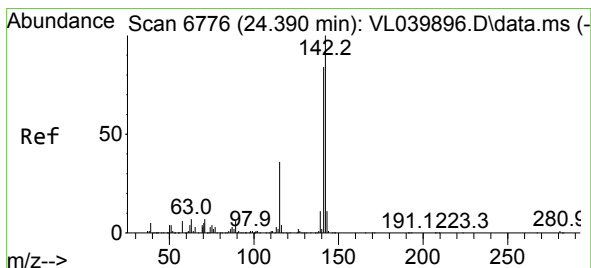
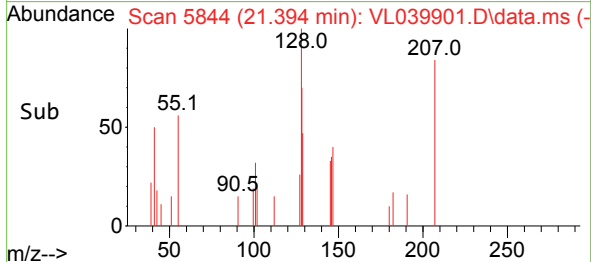
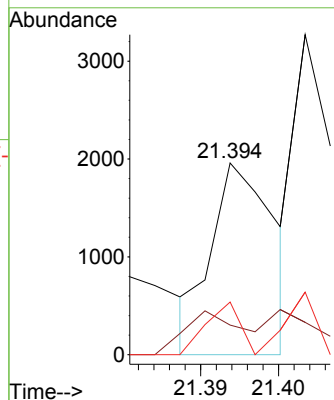
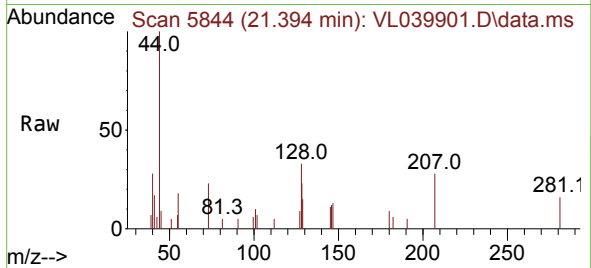




#79
Naphthalene
Concen: 0.005 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

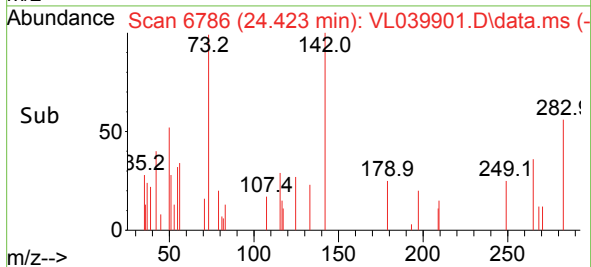
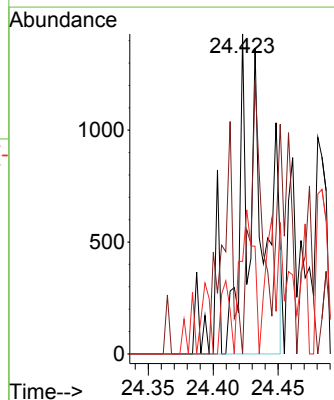
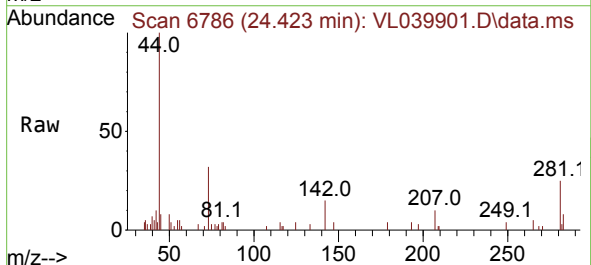
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

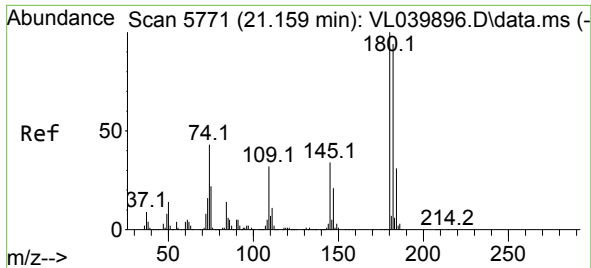
Tgt Ion:128 Resp: 1099
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 28.2 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.027 ppbv
RT: 24.423 min Scan# 6786
Delta R.T. 0.032 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion:142 Resp: 1752
Ion Ratio Lower Upper
142 100
141 104.7 69.1 103.7#
115 69.6 29.6 44.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.013 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039901.D
 Acq: 18 Nov 2022 11:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion:180 Resp: 1910
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.0 115.6#
 184 0.0 25.2 37.8#

