

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009268.D
 Acq On : 22 Jun 2022 12:49
 Operator : KP/MD
 Sample : N3214-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

Quant Time: Jun 23 08:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	157151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115251	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10640	6.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.32%#
35) Dibromofluoromethane	7.710	113	9373	5.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.40%#
50) Toluene-d8	10.179	98	36804	5.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.64%#
62) 4-Bromofluorobenzene	12.483	95	13278	5.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.96%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	6616	5.75	ug/l	89
3) Chloromethane	2.113	50	8091	5.73	ug/l	90
4) Vinyl Chloride	2.247	62	9134	5.82	ug/l #	85
5) Bromomethane	2.638	94	6723	6.14	ug/l	100
6) Chloroethane	2.790	64	5534	5.30	ug/l	94
7) Trichlorofluoromethane	3.113	101	14182	5.69	ug/l	87
8) Diethyl Ether	3.522	74	5406	5.91	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	9058	5.72	ug/l	91
10) Methyl Iodide	4.082	142	9309	4.81	ug/l #	84
11) Tert butyl alcohol	4.924	59	16594	51.36	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	8519	5.66	ug/l #	83
13) Acrolein	3.729	56	1137	15.86	ug/l	96
14) Allyl chloride	4.466	41	14794	5.47	ug/l	92
15) Acrylonitrile	5.155	53	14386	28.20	ug/l	98
16) Acetone	3.948	43	14401	33.77	ug/l	91
17) Carbon Disulfide	4.186	76	19701	4.71	ug/l	96
18) Methyl Acetate	4.473	43	13870	9.48	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	25755	5.69	ug/l #	89
20) Methylene Chloride	4.710	84	16531	5.86	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	9807	5.50	ug/l #	80
22) Diisopropyl ether	6.113	45	31875	5.61	ug/l	98
23) Vinyl Acetate	6.052	43	79417	22.75	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	18304	5.69	ug/l	95
25) 2-Butanone	6.984	43	21072	30.60	ug/l	96
26) 2,2-Dichloropropane	6.978	77	18106	5.98	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	11644	5.57	ug/l	96
28) Bromochloromethane	7.332	49	8357	6.02	ug/l	94
29) Tetrahydrofuran	7.344	42	12777	29.30	ug/l	92
30) Chloroform	7.503	83	18564	5.60	ug/l	98
31) Cyclohexane	7.783	56	17564	5.86	ug/l #	66
32) 1,1,1-Trichloroethane	7.691	97	15965	5.52	ug/l	95
36) 1,1-Dichloropropene	7.911	75	13783	5.50	ug/l	97
37) Ethyl Acetate	7.070	43	8657	5.72	ug/l #	86
38) Carbon Tetrachloride	7.893	117	14331	5.50	ug/l	92
39) Methylcyclohexane	9.179	83	15213	4.95	ug/l	91
40) Benzene	8.155	78	41388	5.59	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5175	6.16	ug/l #	42
42) 1,2-Dichloroethane	8.228	62	11909	5.60	ug/l	91
43) Isopropyl Acetate	8.271	43	15786	5.69	ug/l	94
44) Trichloroethene	8.941	130	11717	5.62	ug/l	96
45) 1,2-Dichloropropane	9.210	63	10769	5.64	ug/l	90
46) Dibromomethane	9.301	93	6140	5.66	ug/l	95
47) Bromodichloromethane	9.490	83	14007	5.43	ug/l	98
48) Methyl methacrylate	9.289	41	6539	5.38	ug/l #	89
49) 1,4-Dioxane	9.289	88	1720	110.28	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	41786	28.95	ug/l	97
52) Toluene	10.240	92	24980	5.33	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	13787	5.14	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	16034	5.26	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	8919	5.85	ug/l	94
56) Ethyl methacrylate	10.508	69	10449	5.19	ug/l #	89
57) 1,3-Dichloropropane	10.789	76	14477	5.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	26109	30.20	ug/l	99
59) 2-Hexanone	10.831	43	27829	28.49	ug/l	92
60) Dibromochloromethane	10.977	129	9951	5.36	ug/l	97
61) 1,2-Dibromoethane	11.087	107	8211	5.53	ug/l	97
64) Tetrachloroethene	10.715	164	12493	5.70	ug/l	97
65) Chlorobenzene	11.514	112	28789	5.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	10164	5.43	ug/l	96
67) Ethyl Benzene	11.593	91	49357	5.56	ug/l	95
68) m/p-Xylenes	11.703	106	38274	10.99	ug/l	93
69) o-Xylene	12.026	106	18052	5.45	ug/l	89
70) Styrene	12.044	104	28917	5.26	ug/l	96
71) Bromoform	12.209	173	6298	5.44	ug/l #	98
73) Isopropylbenzene	12.325	105	46108	5.10	ug/l	98
74) N-amyl acetate	12.142	43	12771	5.29	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	9776	5.68	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	12813	9.48	ug/l #	100
77) Bromobenzene	12.605	156	11647	5.30	ug/l	96
78) n-propylbenzene	12.672	91	57674	5.29	ug/l	97
79) 2-Chlorotoluene	12.758	91	32977	5.37	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	38225	5.09	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.380	75	3336	5.23	ug/l	91
82) 4-Chlorotoluene	12.855	91	34666	5.42	ug/l	96
83) tert-Butylbenzene	13.075	119	33988	5.19	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	38714	5.26	ug/l	99
85) sec-Butylbenzene	13.251	105	50981	5.20	ug/l	98
86) p-Isopropyltoluene	13.367	119	43438	5.33	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	22940	5.40	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	23913	5.61	ug/l	96
89) n-Butylbenzene	13.697	91	40325	5.32	ug/l	99
90) Hexachloroethane	13.959	117	7909	5.12	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	21263	5.57	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1669	5.45	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	12125	5.20	ug/l	99
94) Hexachlorobutadiene	15.111	225	7658	6.10	ug/l	94
95) Naphthalene	15.233	128	22368	4.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10430	5.23	ug/l	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

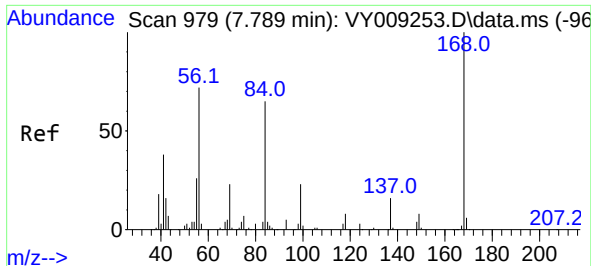
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

Abundance

TIC: VY009268.D\data.ms

Time-->

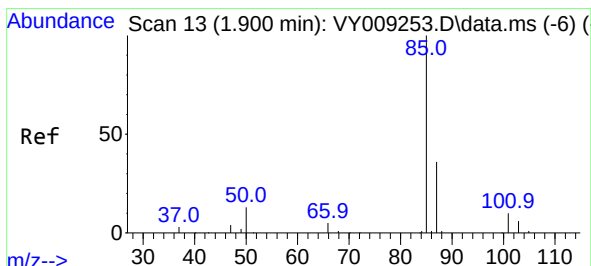
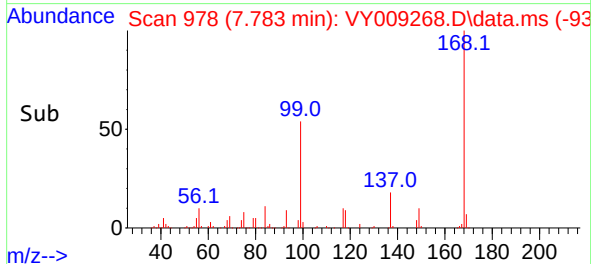
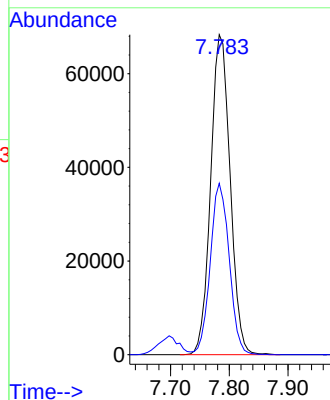
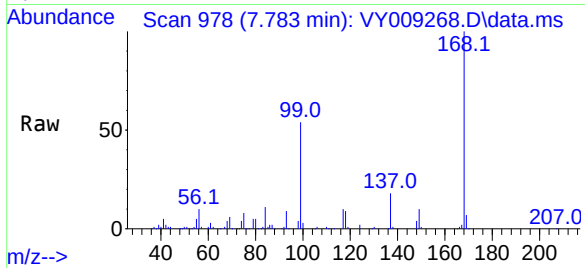
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Chloromethane, P
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Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Chloroacetaldehyde, T
Methyl isocyanide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1-Dichloroethane, P
Dichloroethene, T
Ethyl Acetate, T
2-Bromochloropropane, T
Methyl isocyanide, T
Chloroform, C
1,1-Dichloroethane, S
Carbon tetrachloride, T
1,2-Dichloroethane, d4, S
1,2-Dichloroethane, T
Trichloroethene, TM
1,1,1-Trichloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, TM
Ethyl 3-chloropropionate, T
1,1,2-Trichloroethane, T
1,3-Dichloropropene, T
Dibromochloromethane, T
1,2-Dibromomethane, T
Chlorobenzene, T
Chlorobenzene-d5, I
Ethylbenzene, T
Styrene, T
Bromethyl acetate, T
trans-1,4-Dichloro-2-butadiene, S
1,4-Dichlorobenzene, T
1,2,2-Trichloro-1,3-dichlorobenzene, T
2-Chloro-1,3-dichlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, I
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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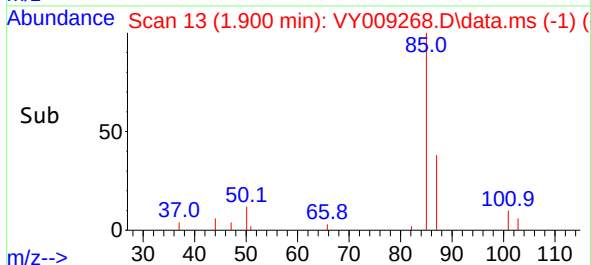
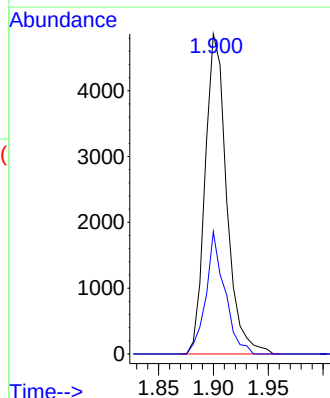
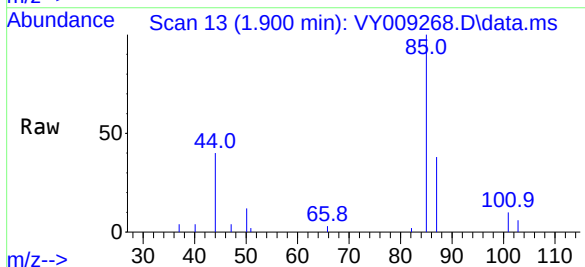
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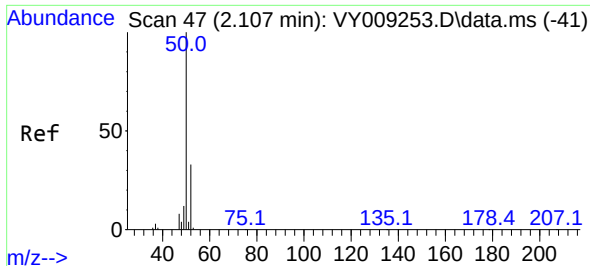
Tgt Ion:168 Resp: 157151
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.75 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 85 Resp: 6616
Ion Ratio Lower Upper
85 100
87 38.2 16.1 48.2

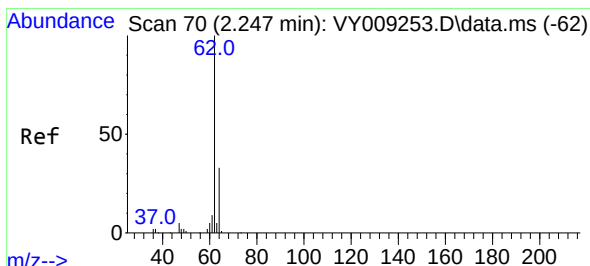
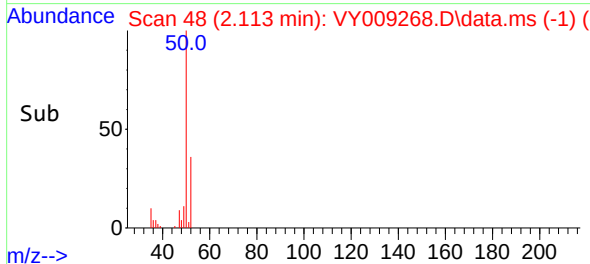
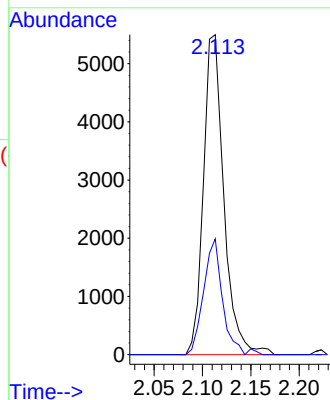
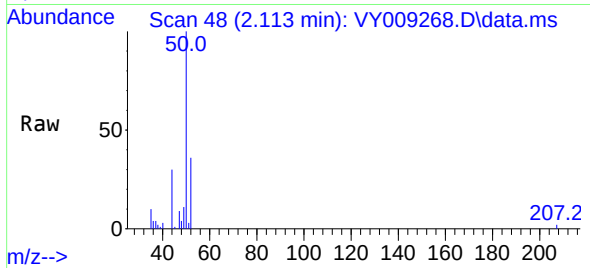




#3
Chloromethane
Concen: 5.73 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

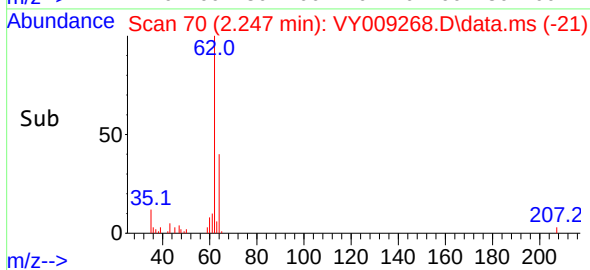
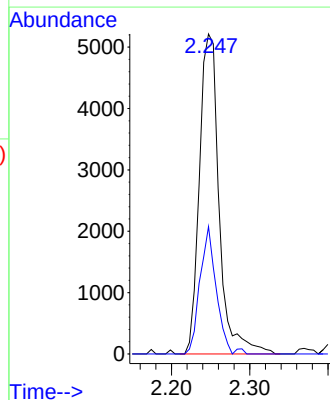
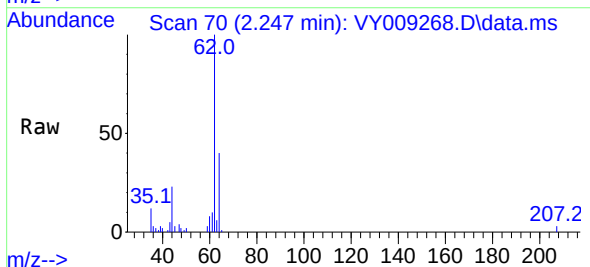
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

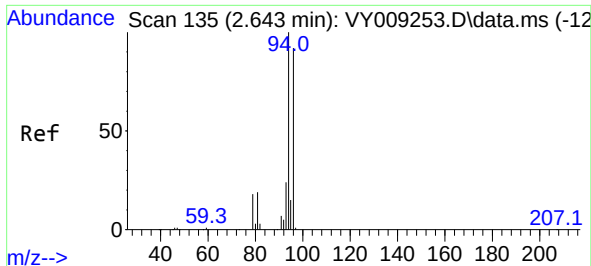
Tgt Ion: 50 Resp: 8091
Ion Ratio Lower Upper
50 100
52 36.2 24.6 37.0



#4
Vinyl Chloride
Concen: 5.82 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 62 Resp: 9134
Ion Ratio Lower Upper
62 100
64 39.8 25.0 37.6#

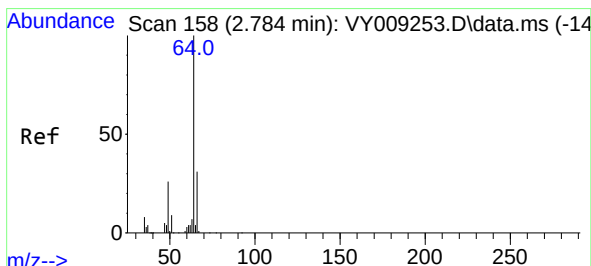
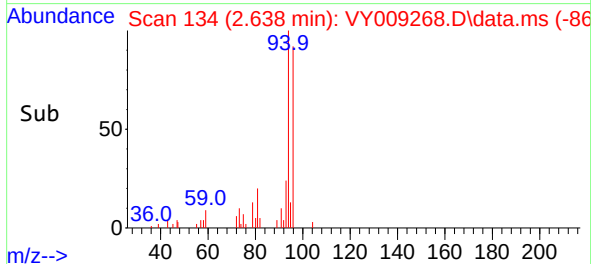
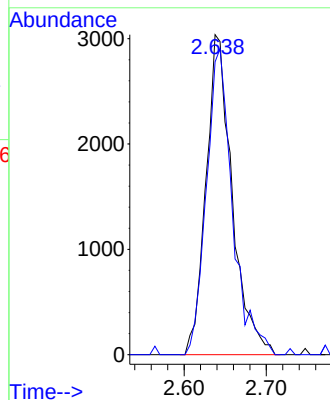
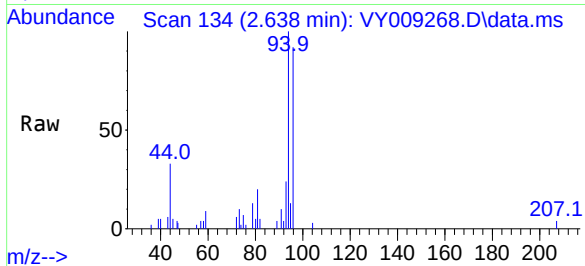




#5
Bromomethane
Concen: 6.14 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY009268.D
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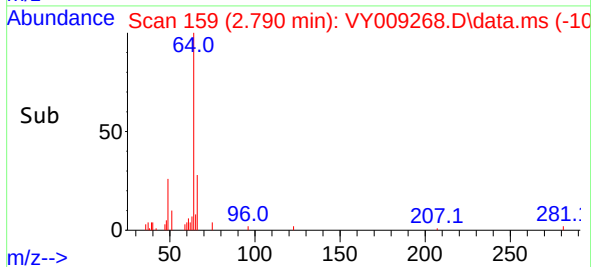
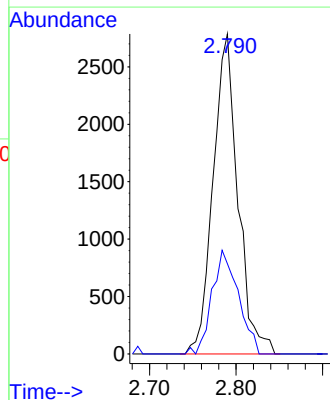
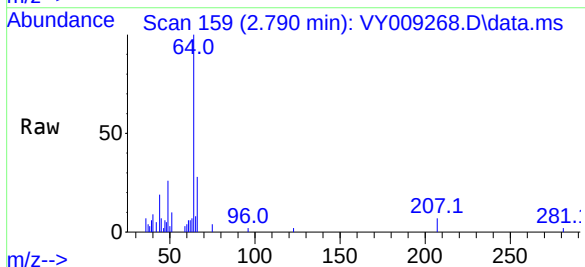
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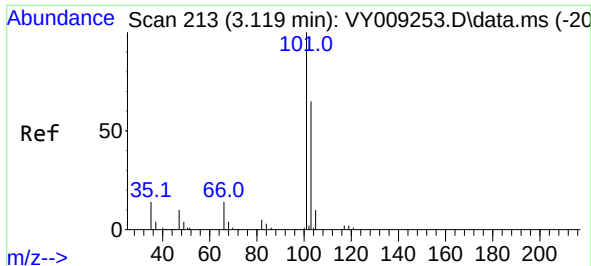
Tgt Ion: 94 Resp: 6723
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3



#6
Chloroethane
Concen: 5.30 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 64 Resp: 5534
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.0

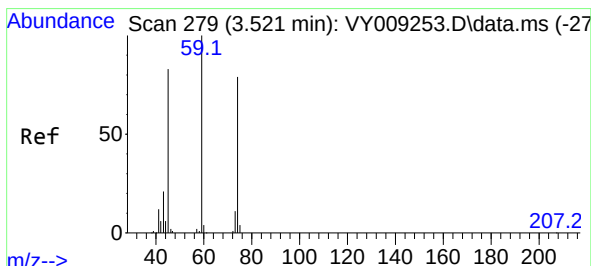
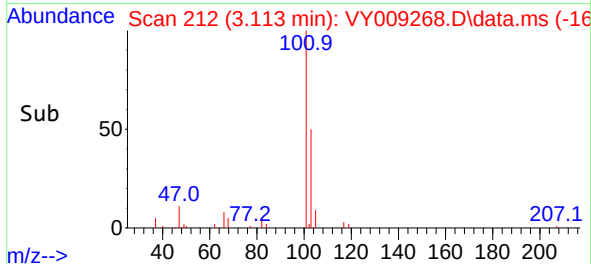
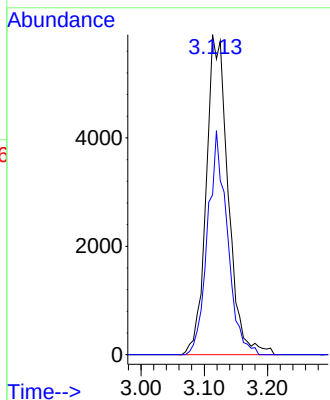
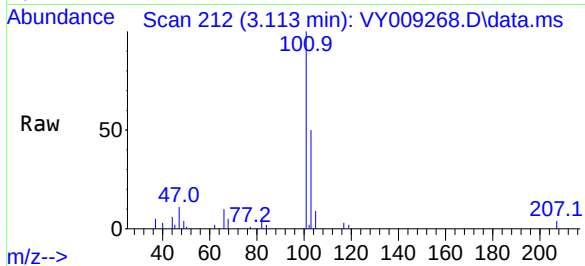




#7
Trichlorofluoromethane
Concen: 5.69 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
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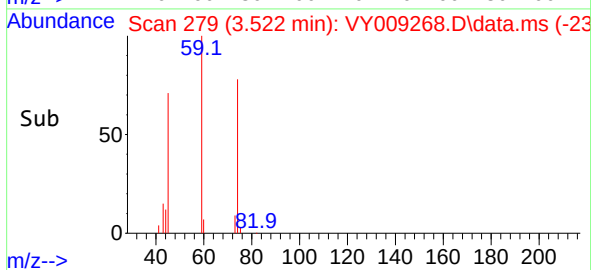
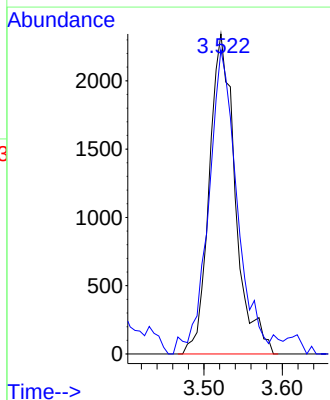
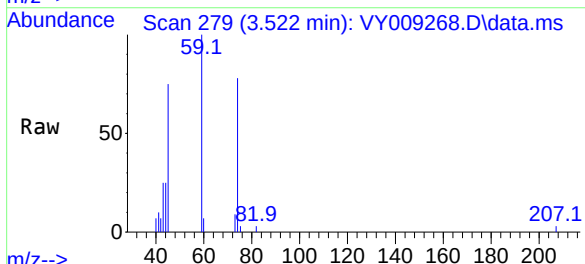
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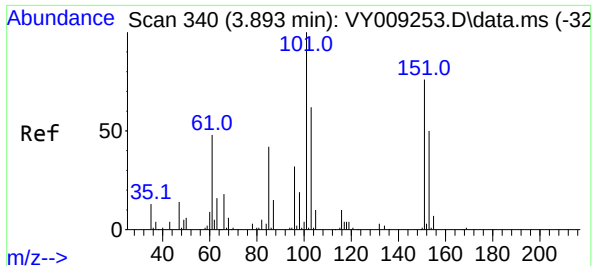
Tgt Ion:101 Resp: 14182
Ion Ratio Lower Upper
101 100
103 49.9 48.0 72.0



#8
Diethyl Ether
Concen: 5.91 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 74 Resp: 5406
Ion Ratio Lower Upper
74 100
45 104.0 55.1 165.5

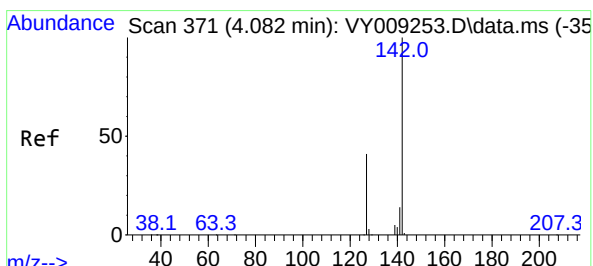
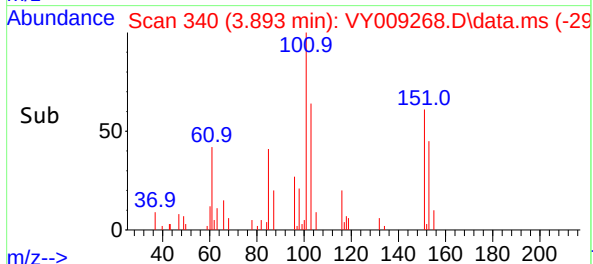
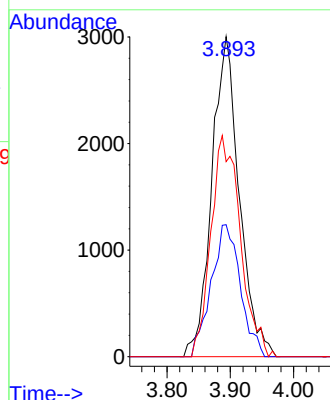
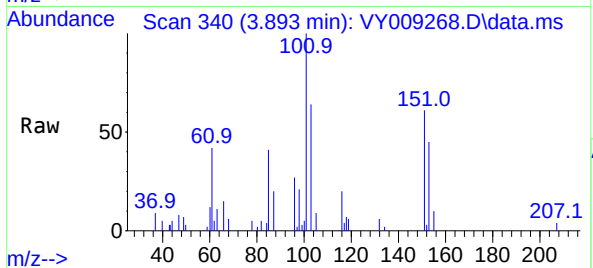




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.72 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

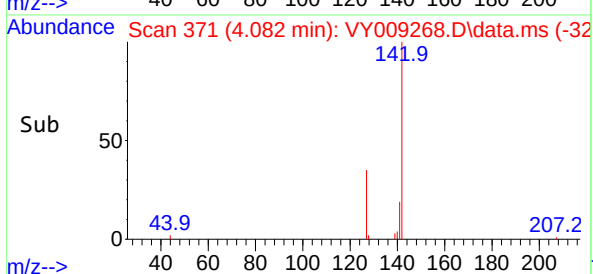
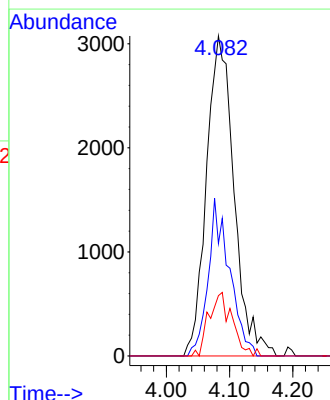
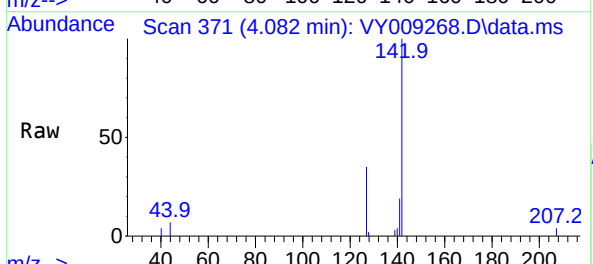
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

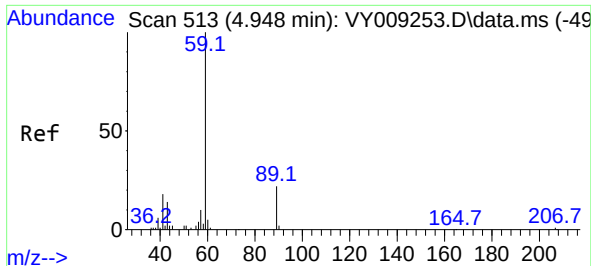
Tgt Ion:101 Resp: 9058
Ion Ratio Lower Upper
101 100
85 43.8 40.6 60.8
151 74.0 64.9 97.3



#10
Methyl Iodide
Concen: 4.81 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:142 Resp: 9309
Ion Ratio Lower Upper
142 100
127 38.2 41.5 62.3#
141 16.8 11.9 17.9

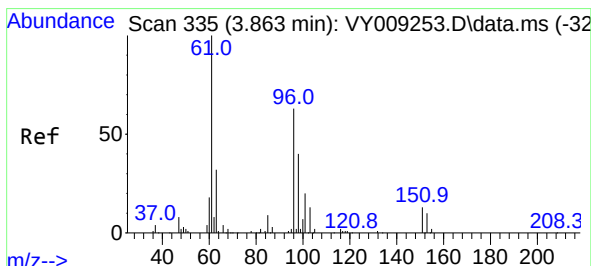
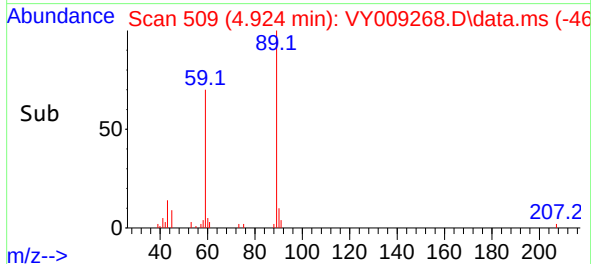
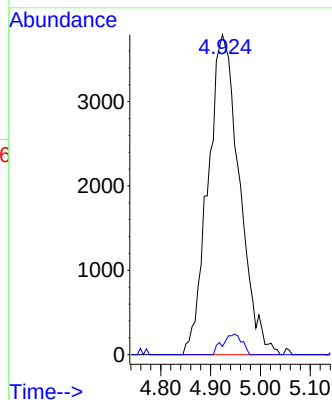
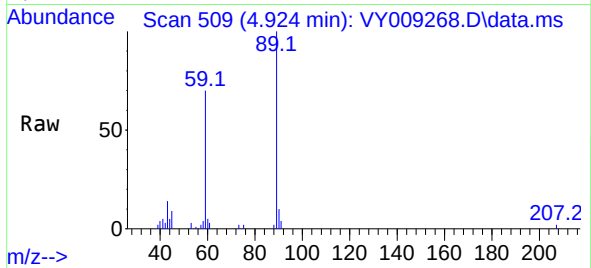




#11
Tert butyl alcohol
Concen: 51.36 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

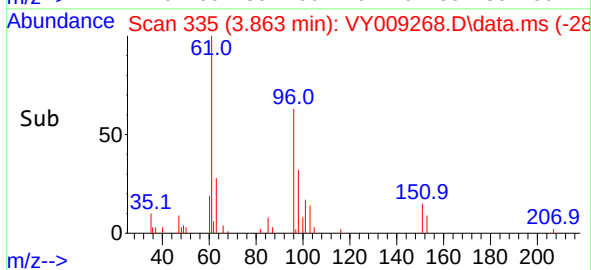
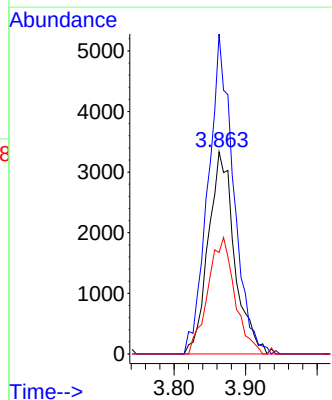
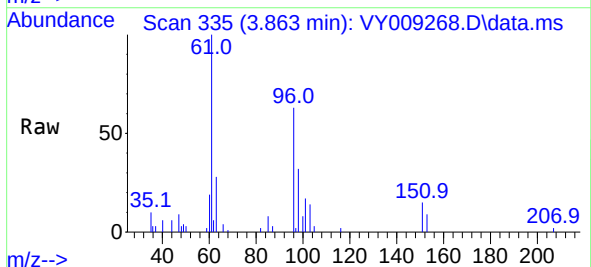
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

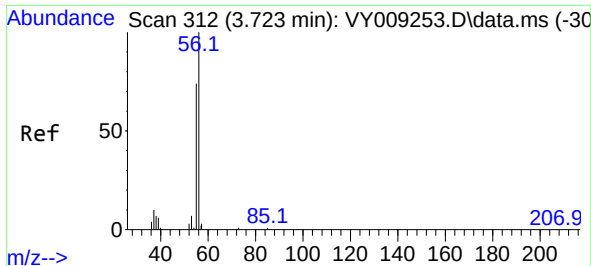
Tgt Ion: 59 Resp: 16594
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 5.66 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 96 Resp: 8519
Ion Ratio Lower Upper
96 100
61 158.3 145.8 218.6
98 50.2 52.5 78.7#

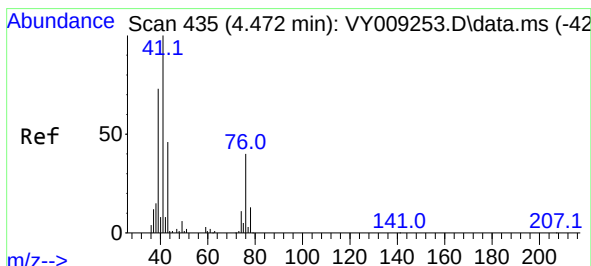
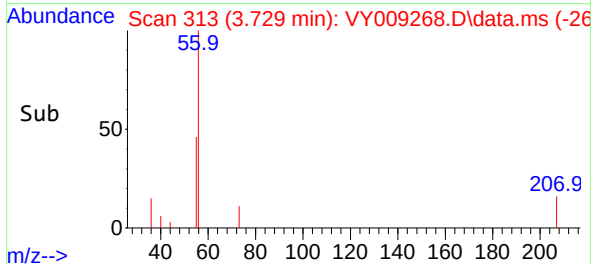
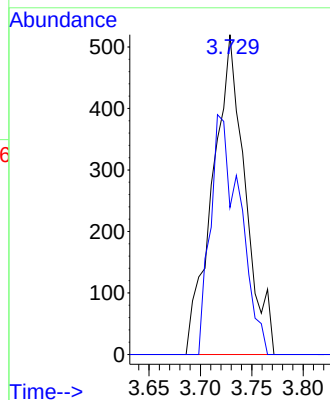
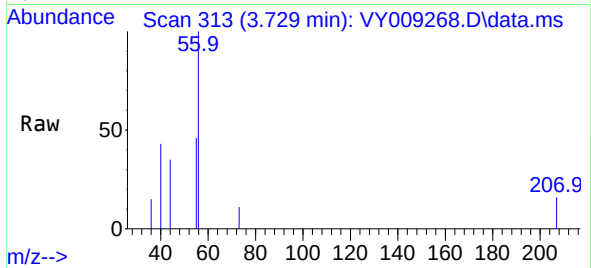




#13
Acrolein
Concen: 15.86 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

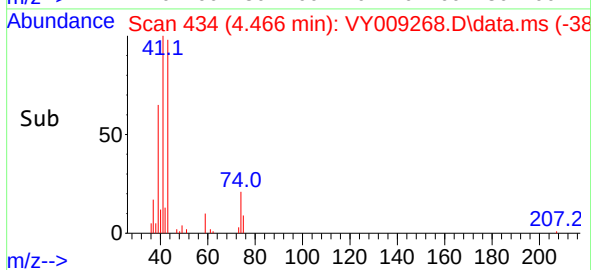
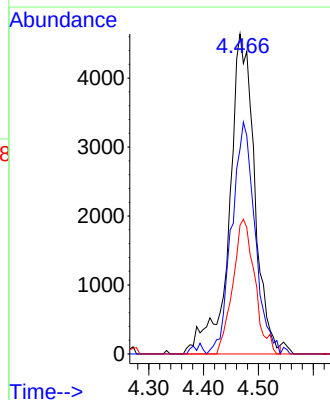
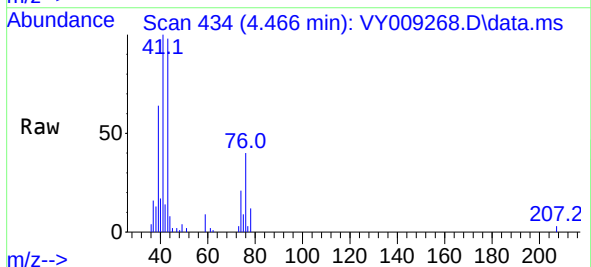
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

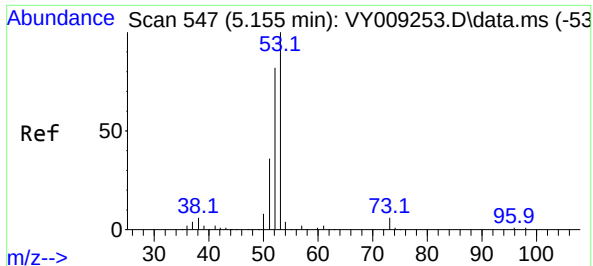
Tgt Ion: 56 Resp: 1137
Ion Ratio Lower Upper
56 100
55 68.7 57.6 86.4



#14
Allyl chloride
Concen: 5.47 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 41 Resp: 14794
Ion Ratio Lower Upper
41 100
39 67.2 58.8 88.2
76 36.6 25.1 37.7

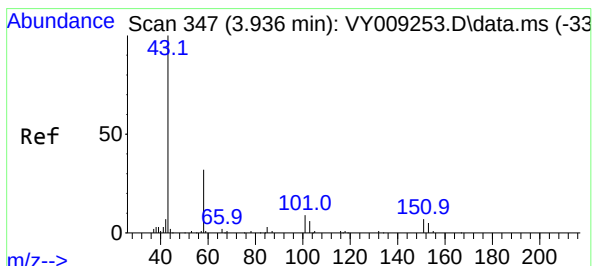
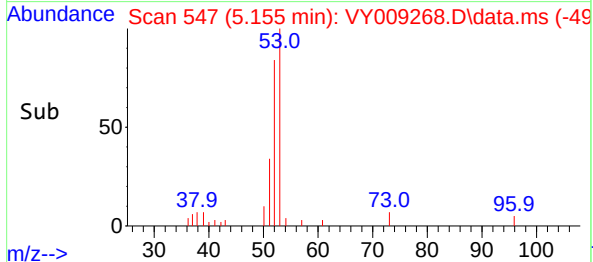
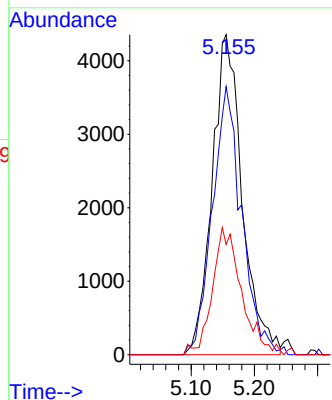
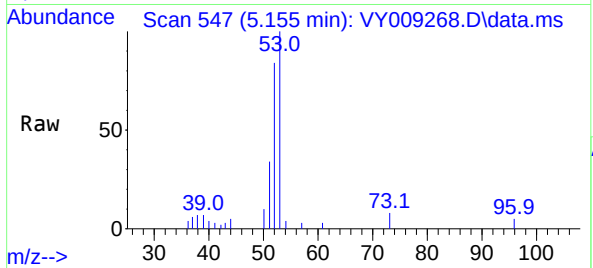




#15
Acrylonitrile
Concen: 28.20 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

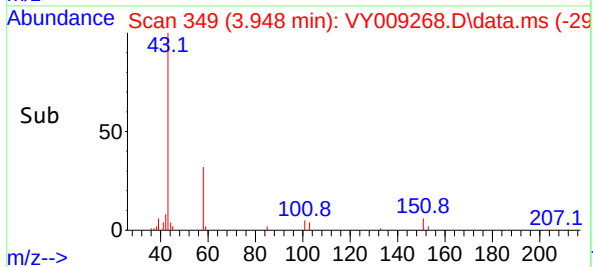
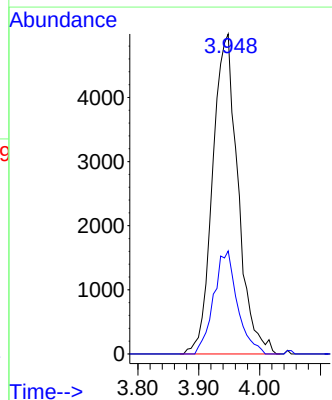
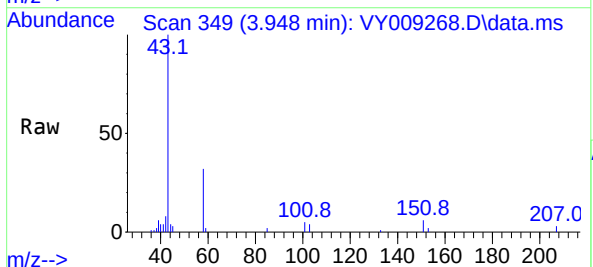
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

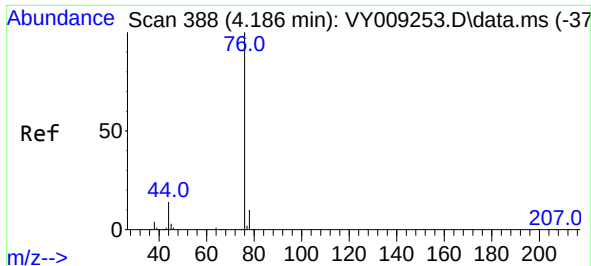
Tgt Ion: 53	Resp: 14386
Ion Ratio	Lower Upper
53 100	
52 81.8	67.0 100.4
51 38.4	29.8 44.6



#16
Acetone
Concen: 33.77 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 43	Resp:	14401	
Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.0	33.0

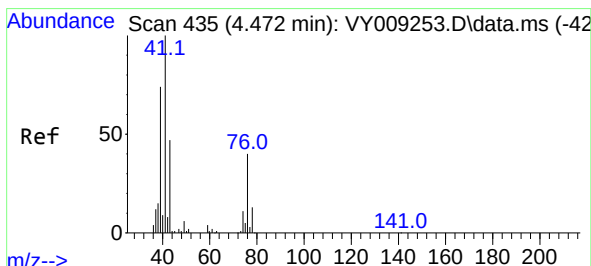
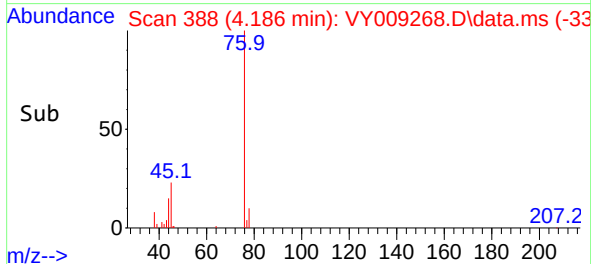
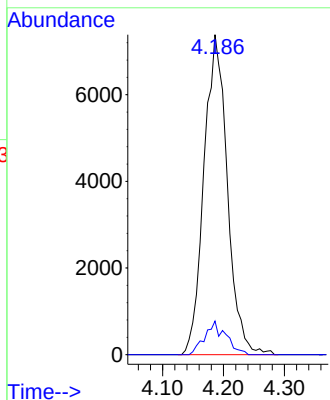
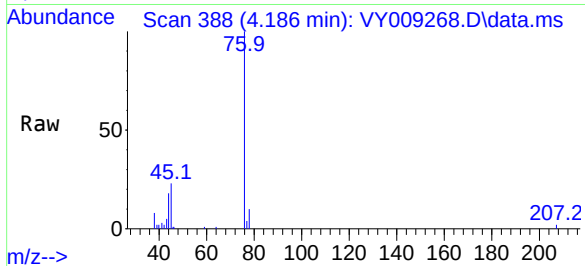




#17
Carbon Disulfide
Concen: 4.71 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

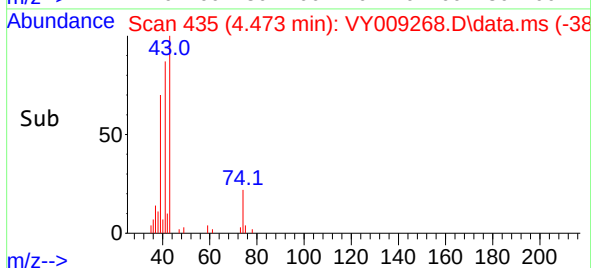
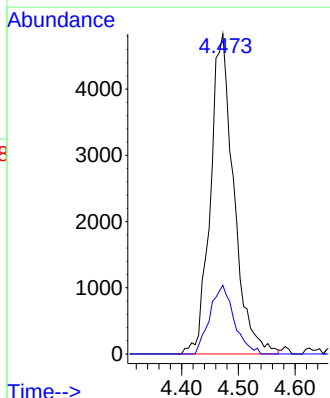
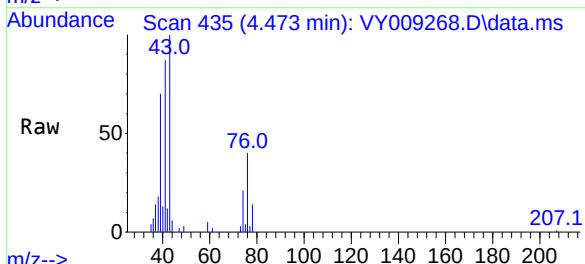
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

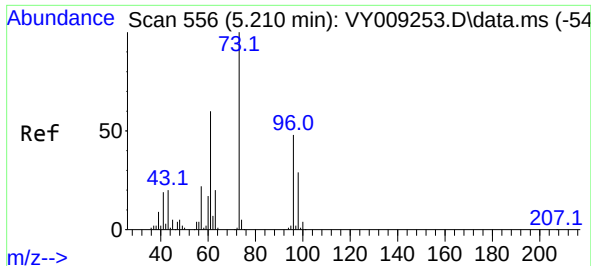
Tgt Ion: 76 Resp: 19701
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 9.48 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 43 Resp: 13870
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8

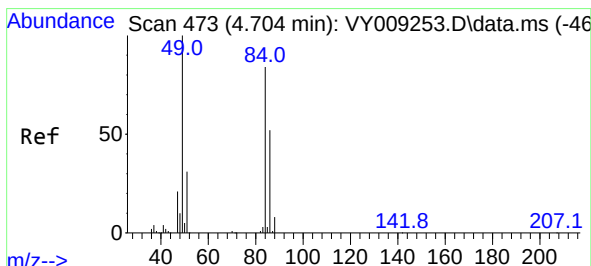
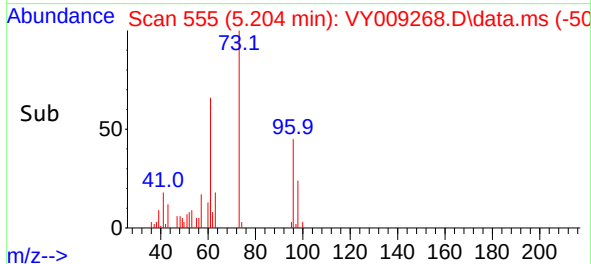
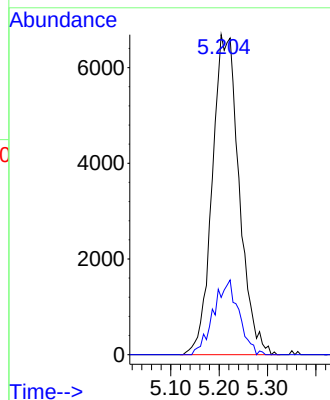
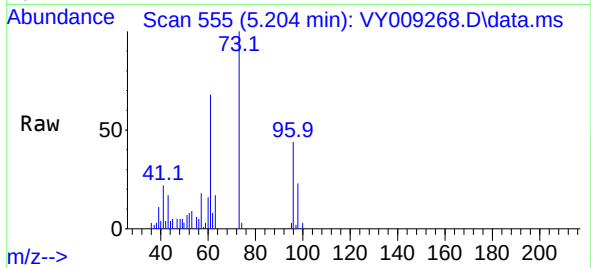




#19
Methyl tert-butyl Ether
Concen: 5.69 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

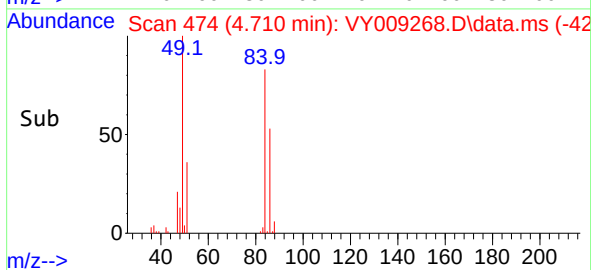
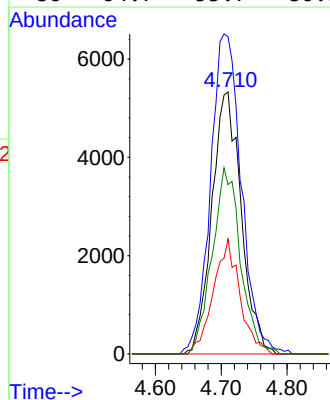
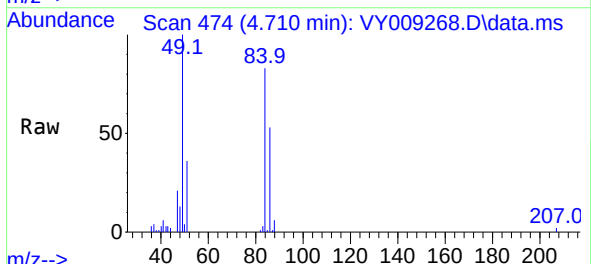
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

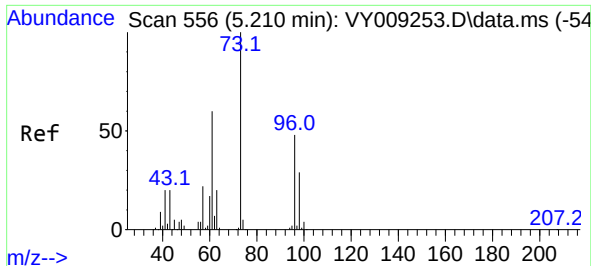
Tgt Ion: 73 Resp: 25755
Ion Ratio Lower Upper
73 100
57 17.9 18.6 27.8#



#20
Methylene Chloride
Concen: 5.86 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 84 Resp: 16531
Ion Ratio Lower Upper
84 100
49 121.0 114.4 171.6
51 43.9 35.3 52.9
86 64.7 53.7 80.5

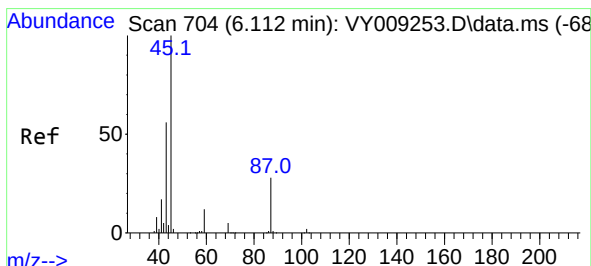
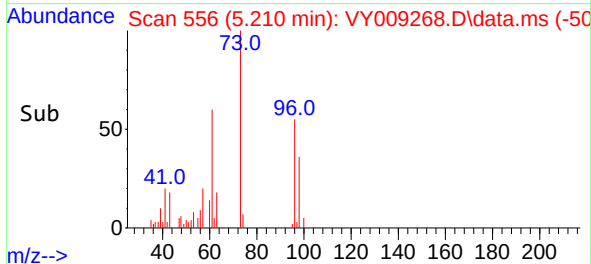
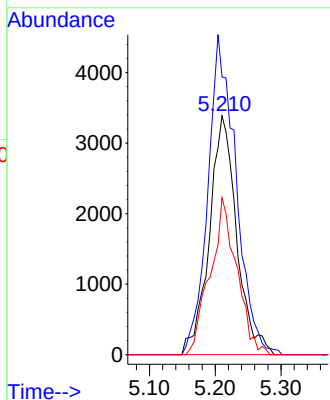
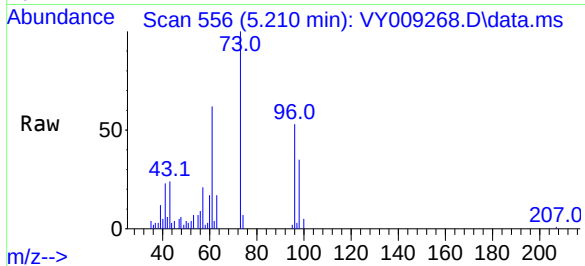




#21
trans-1,2-Dichloroethene
Concen: 5.50 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

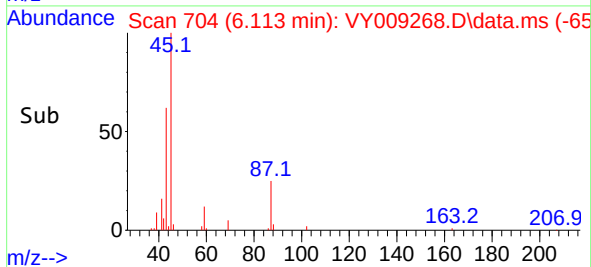
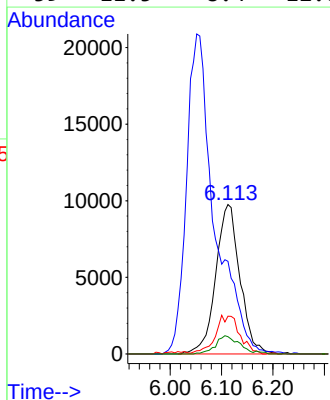
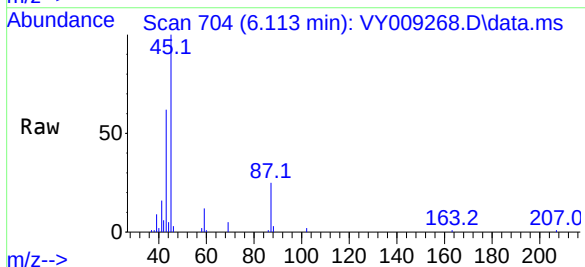
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

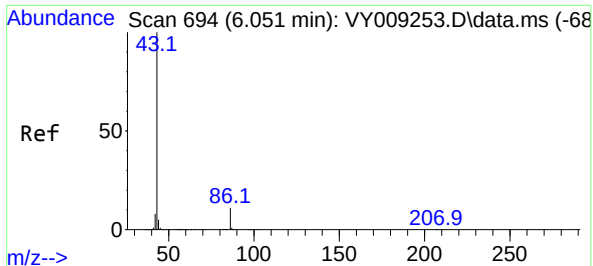
Tgt Ion: 96 Resp: 9807
Ion Ratio Lower Upper
96 100
61 116.3 120.5 180.7#
98 65.8 49.8 74.8



#22
Diisopropyl ether
Concen: 5.61 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 45 Resp: 31875
Ion Ratio Lower Upper
45 100
43 60.7 49.3 73.9
87 25.3 19.2 28.8
59 11.5 8.4 12.6





#23

Vinyl Acetate

Concen: 22.75 ug/l

RT: 6.052 min Scan# 694

Delta R.T. 0.001 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

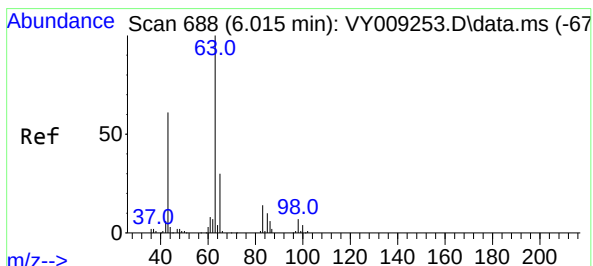
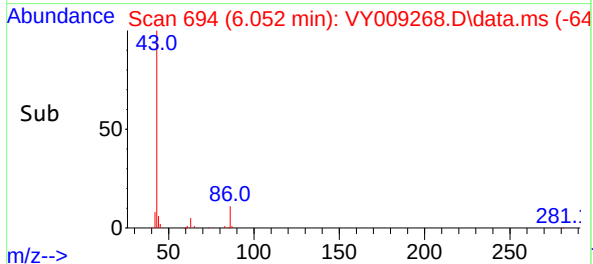
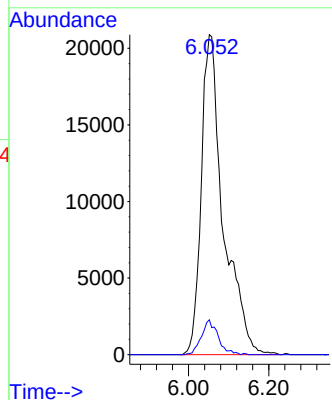
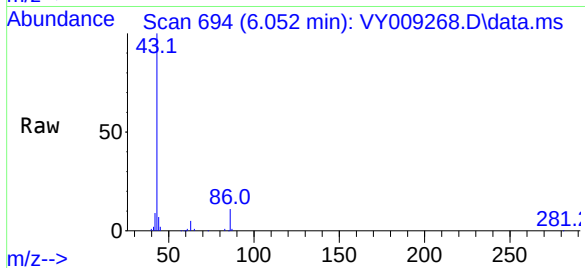
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 43 Resp: 79417

Ion Ratio Lower Upper

43 100

86 10.9 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 5.69 ug/l

RT: 6.009 min Scan# 687

Delta R.T. -0.006 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

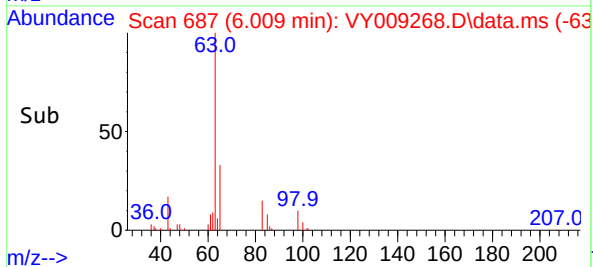
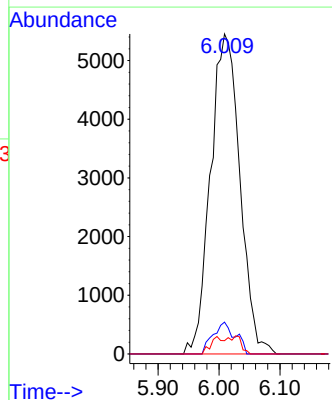
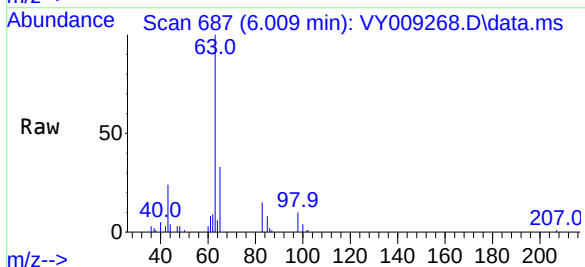
Tgt Ion: 63 Resp: 18304

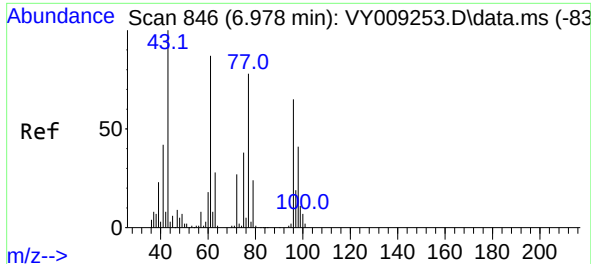
Ion Ratio Lower Upper

63 100

98 10.0 3.6 10.8

100 4.1 2.0 5.8

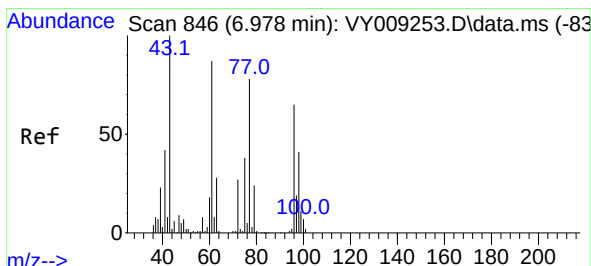
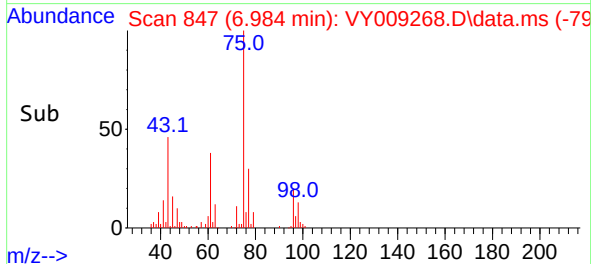
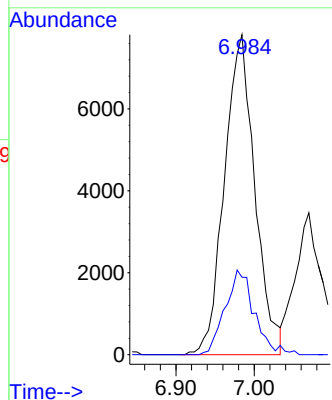
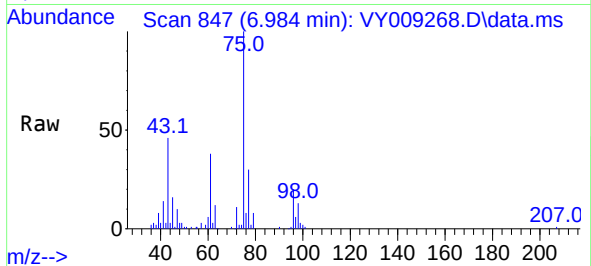




#25
2-Butanone
Concen: 30.60 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

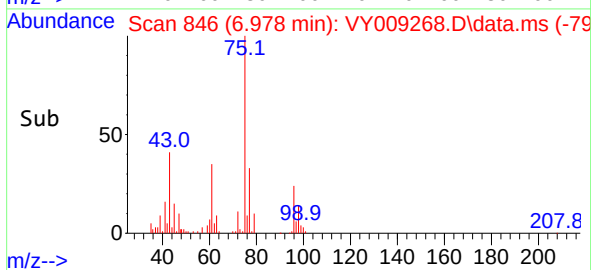
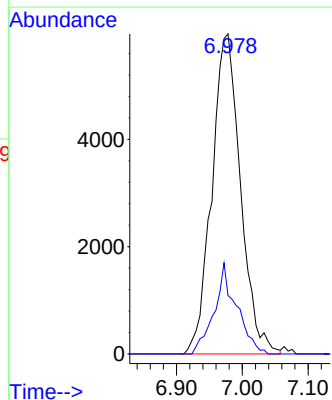
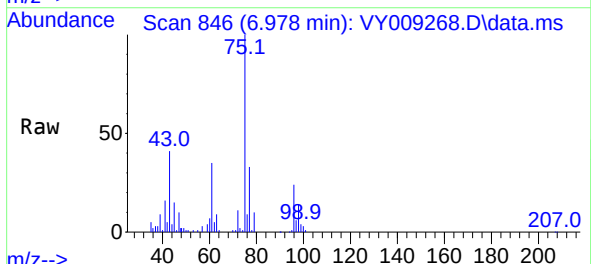
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

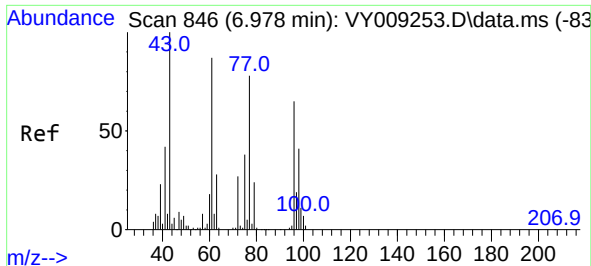
Tgt Ion: 43 Resp: 21072
Ion Ratio Lower Upper
43 100
72 24.2 17.7 26.5



#26
2,2-Dichloropropane
Concen: 5.98 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 77 Resp: 18106
Ion Ratio Lower Upper
77 100
97 22.2 10.4 31.4



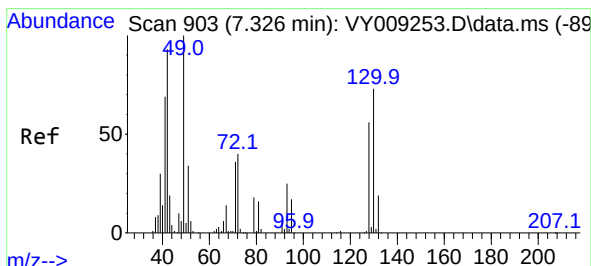
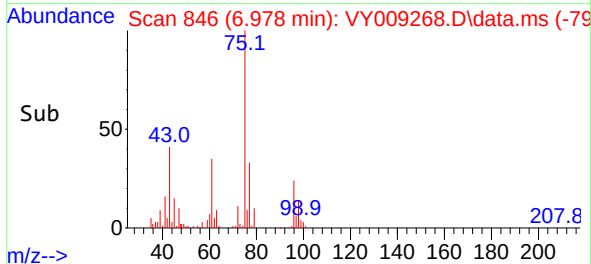
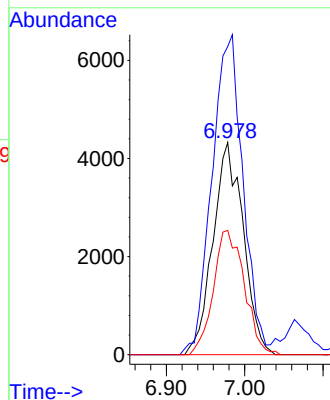
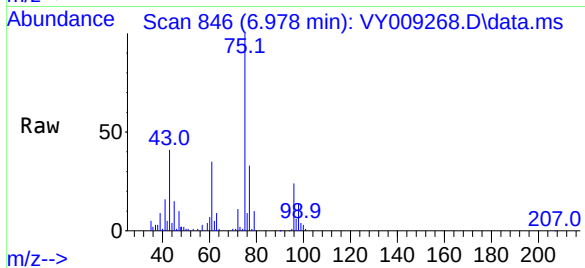


#27
 cis-1,2-Dichloroethene
 Concen: 5.57 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 96 Resp: 11644

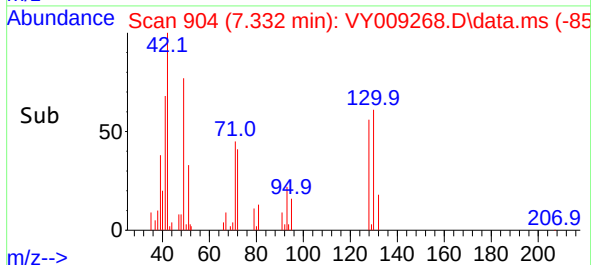
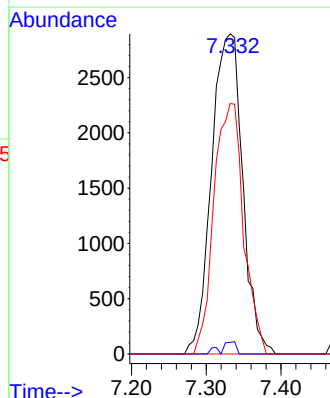
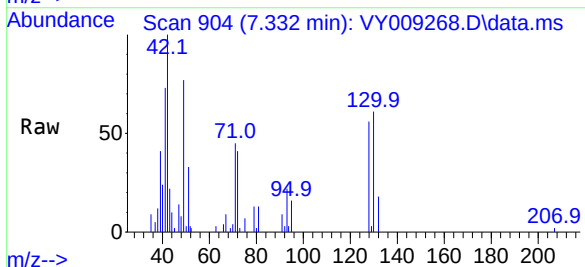
Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	319.8
98	59.7	0.0	127.0

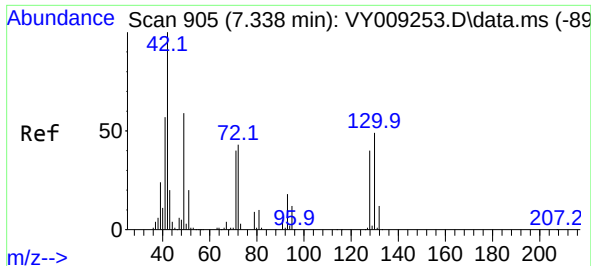


#28
 Bromochloromethane
 Concen: 6.02 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Tgt Ion: 49 Resp: 8357

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.2
130	74.4	55.4	83.0

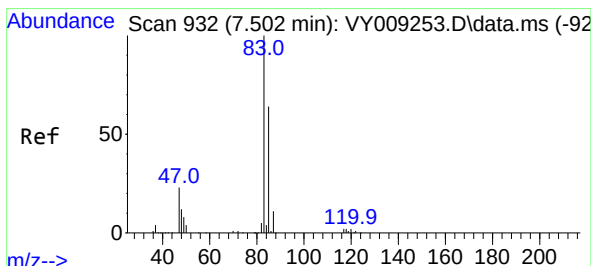
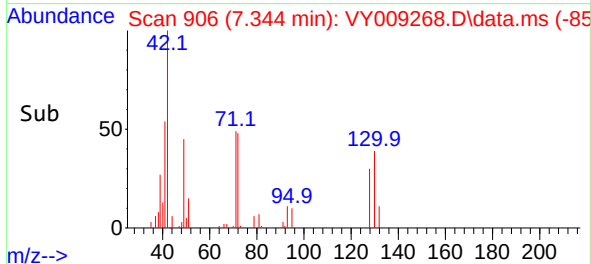
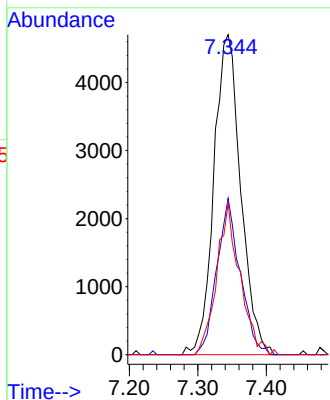
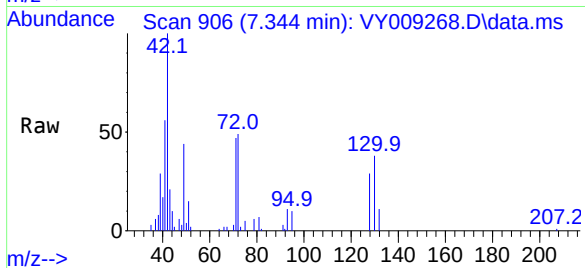




#29
Tetrahydrofuran
Concen: 29.30 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

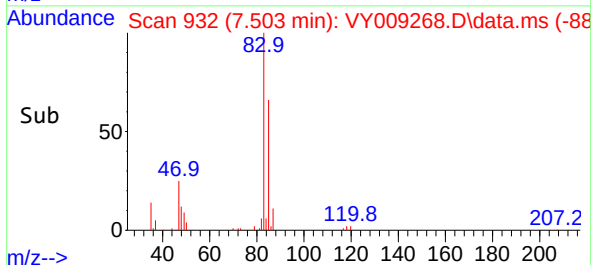
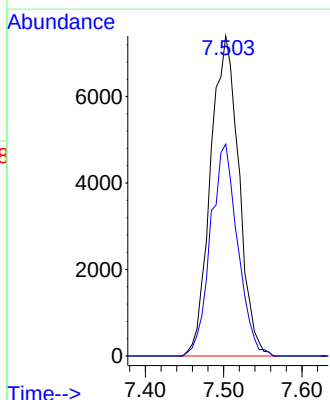
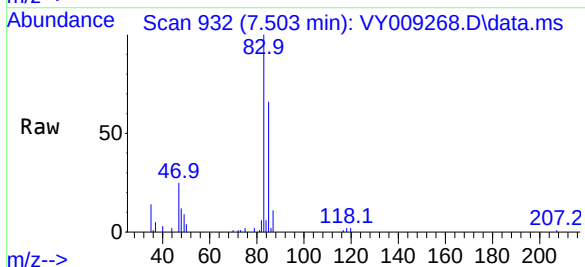
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

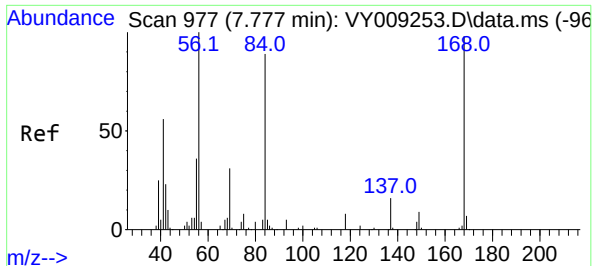
Tgt Ion: 42 Resp: 12777
Ion Ratio Lower Upper
42 100
72 42.4 30.3 45.5
71 41.3 29.0 43.4



#30
Chloroform
Concen: 5.60 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 83 Resp: 18564
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.6

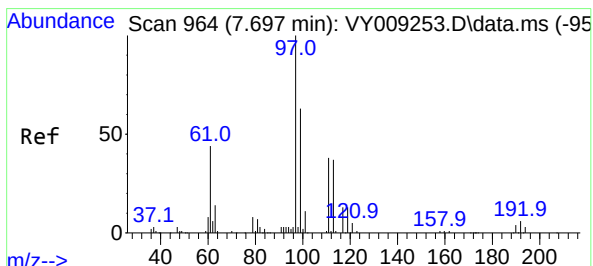
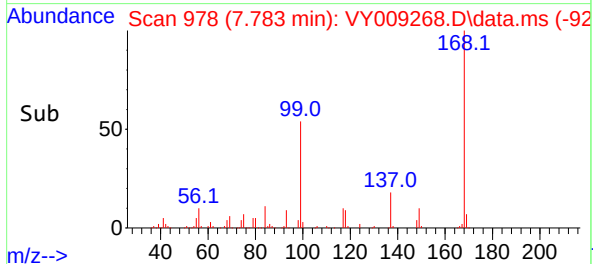
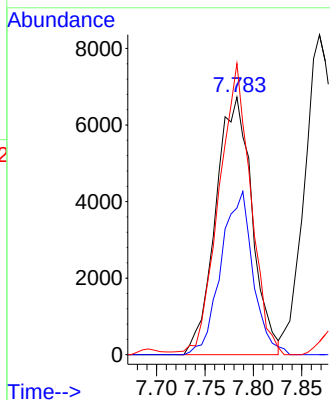
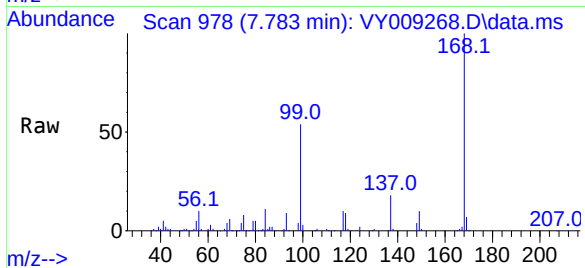




#31
Cyclohexane
Concen: 5.86 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

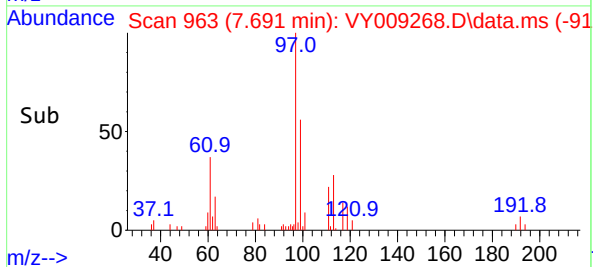
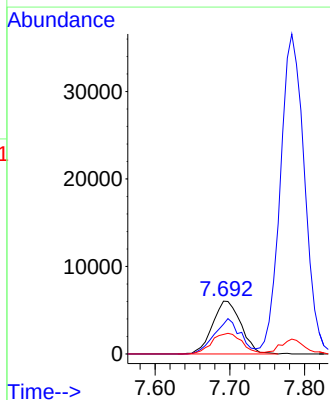
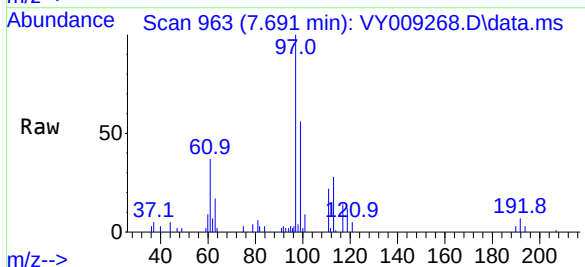
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

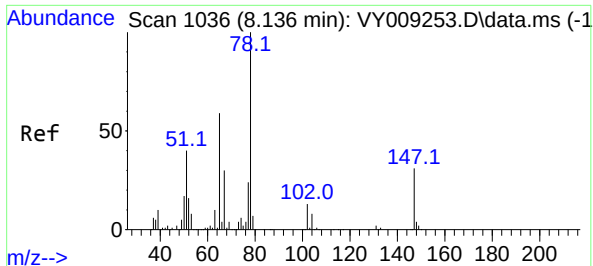
Tgt Ion: 56 Resp: 17564
Ion Ratio Lower Upper
56 100
69 57.0 26.7 40.1#
84 111.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 5.52 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 97 Resp: 15965
Ion Ratio Lower Upper
97 100
99 61.3 50.7 76.1
61 41.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 6.16 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

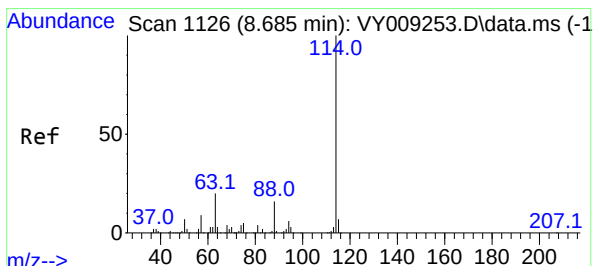
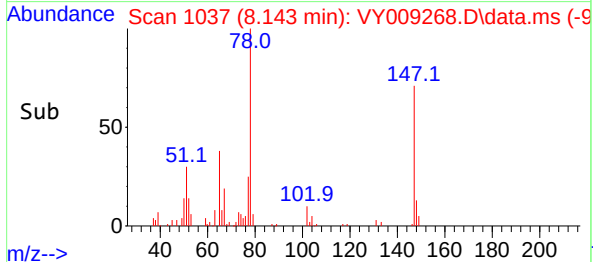
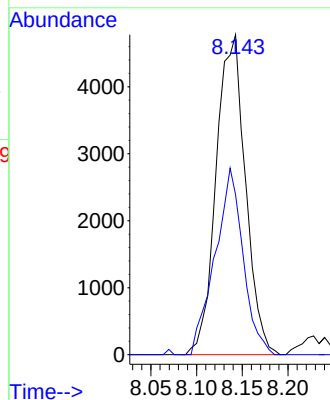
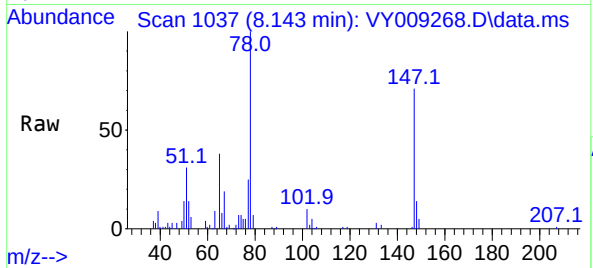
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 65 Resp: 10640

Ion Ratio Lower Upper

65 100

67 56.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

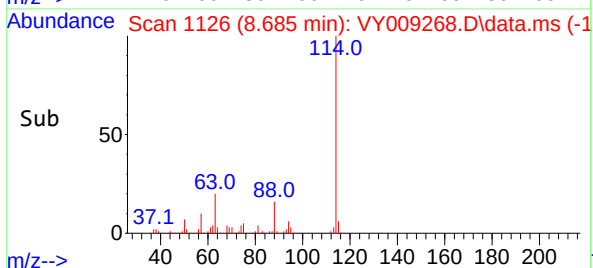
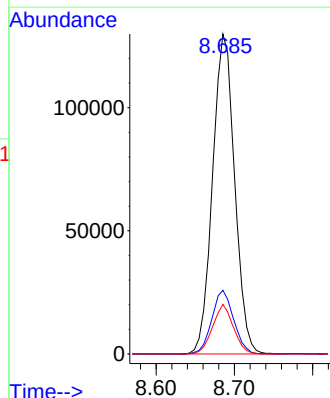
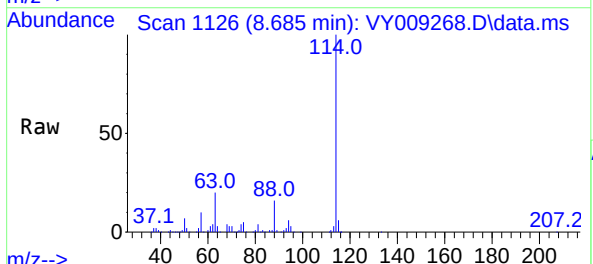
Tgt Ion: 114 Resp: 254087

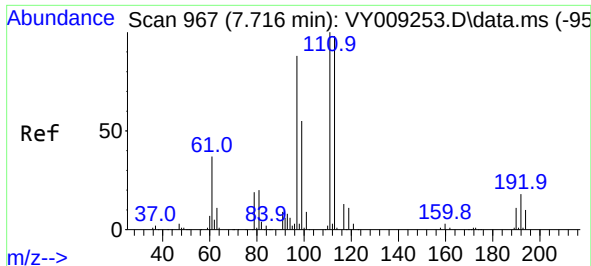
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.5 0.0 31.8

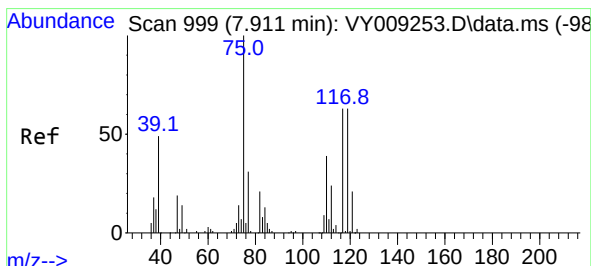
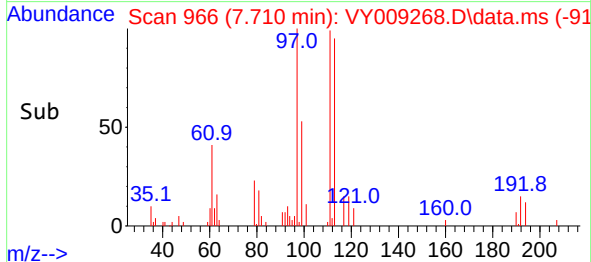
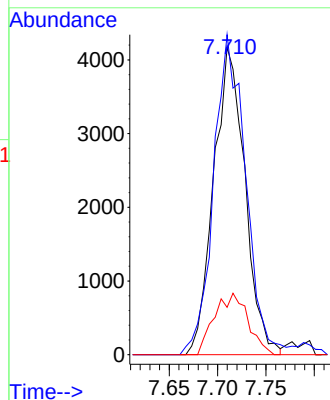
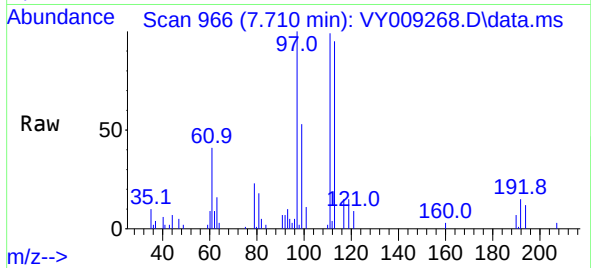




#35
Dibromofluoromethane
Concen: 5.70 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

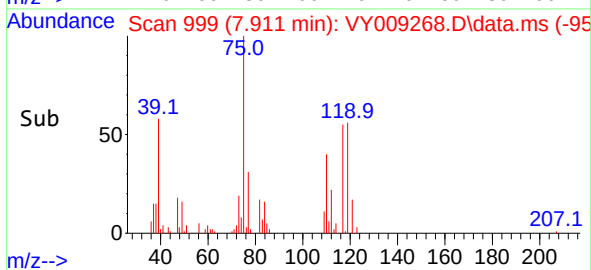
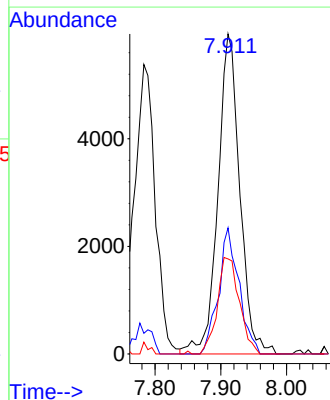
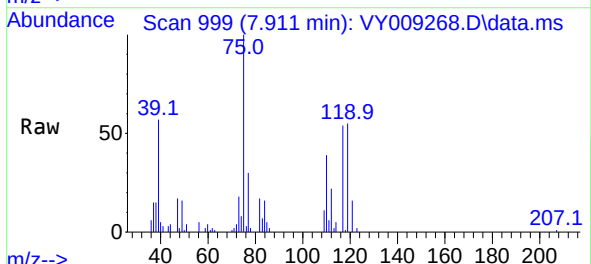
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

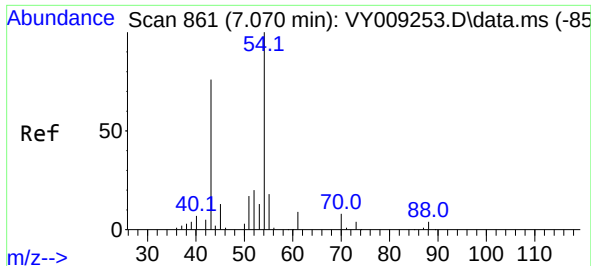
Tgt Ion:113 Resp: 9373
Ion Ratio Lower Upper
113 100
111 106.1 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 75 Resp: 13783
Ion Ratio Lower Upper
75 100
110 36.8 17.1 51.2
77 30.3 24.4 36.6

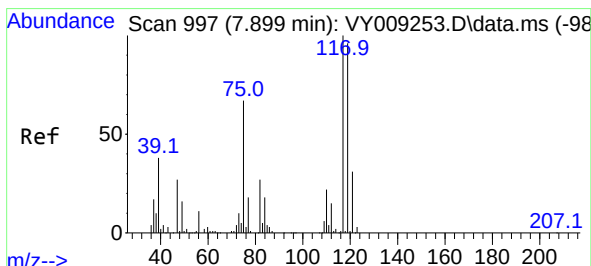
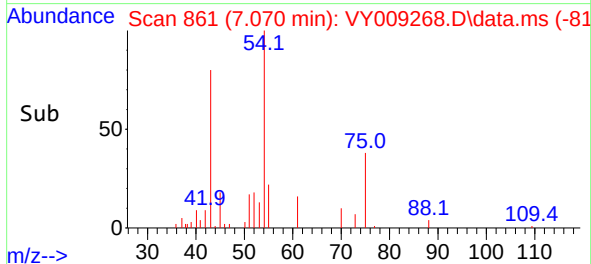
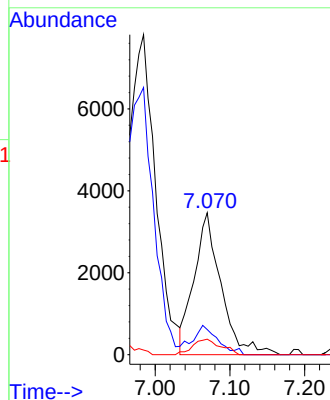
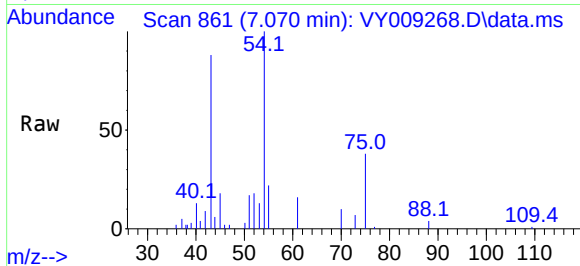




#37
Ethyl Acetate
Concen: 5.72 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

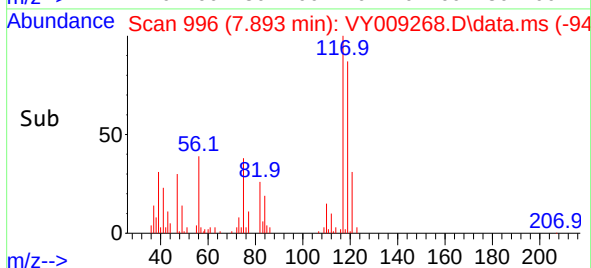
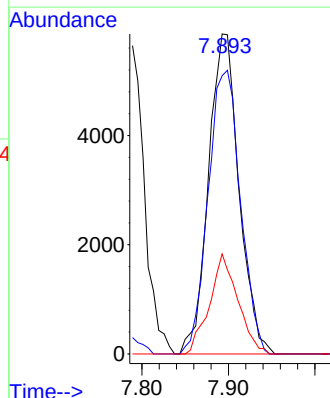
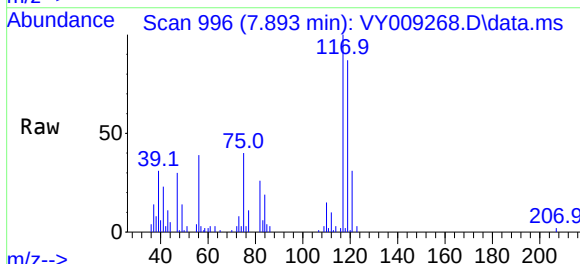
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

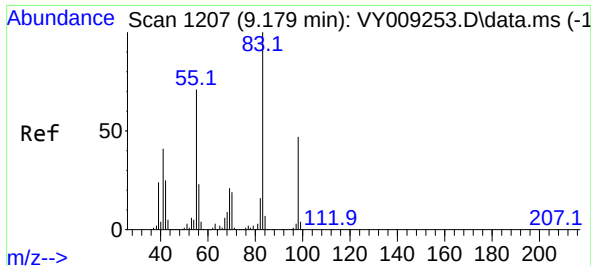
Tgt Ion: 43 Resp: 8657
Ion Ratio Lower Upper
43 100
61 19.3 9.7 14.5#
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 117 Resp: 14331
Ion Ratio Lower Upper
117 100
119 86.9 77.9 116.9
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 4.95 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

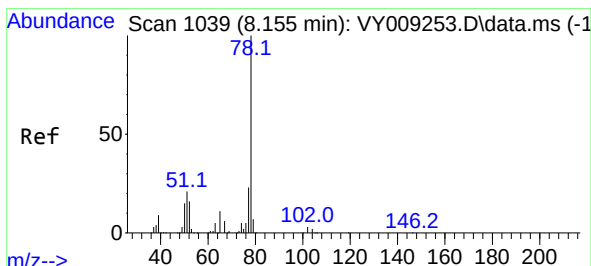
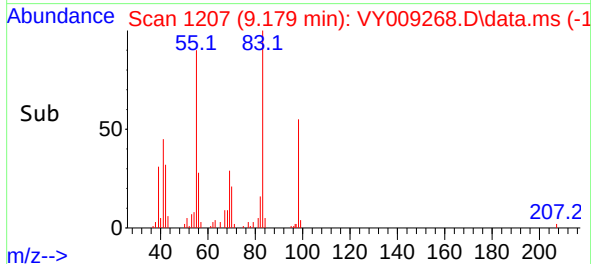
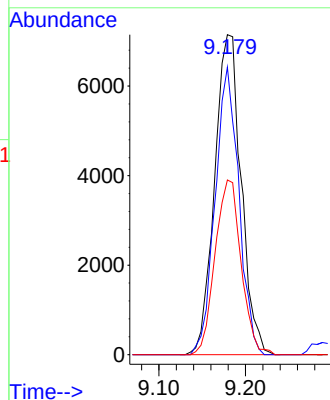
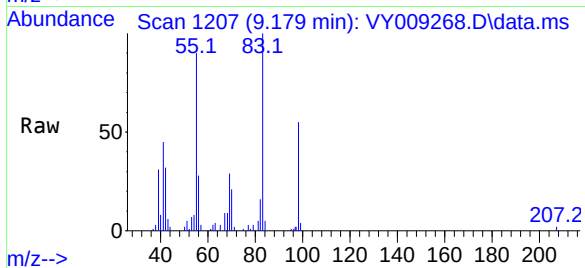
Tgt Ion: 83 Resp: 15213

Ion Ratio Lower Upper

83 100

55 89.9 66.5 99.7

98 54.6 37.9 56.9



#40

Benzene

Concen: 5.59 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009268.D

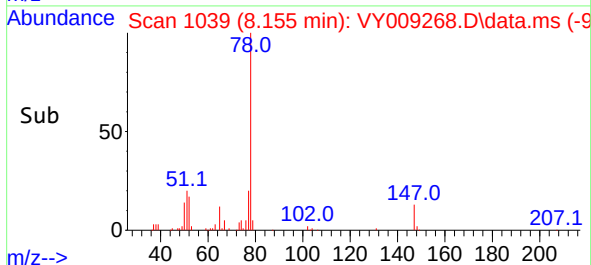
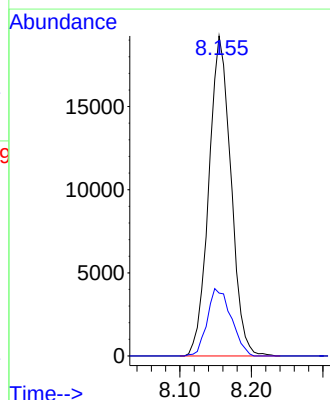
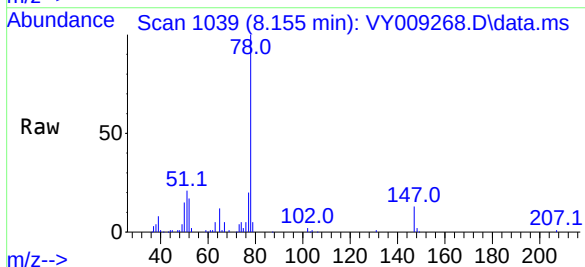
Acq: 22 Jun 2022 12:49

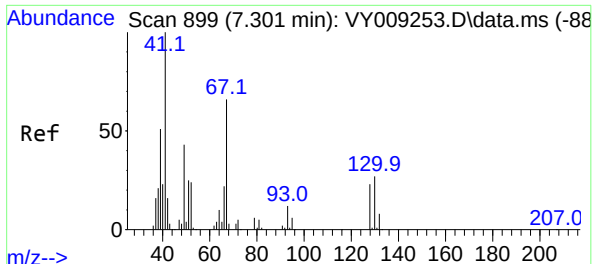
Tgt Ion: 78 Resp: 41388

Ion Ratio Lower Upper

78 100

77 19.6 20.4 30.6#

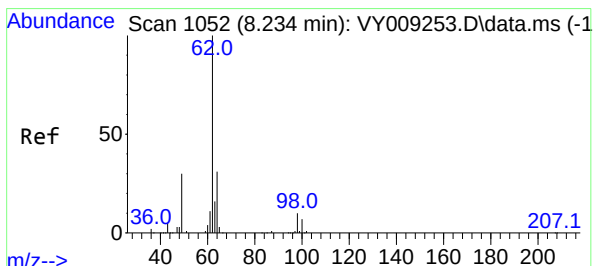
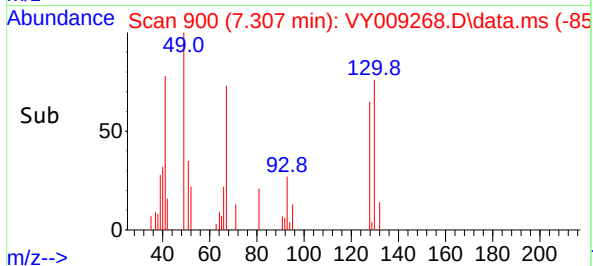
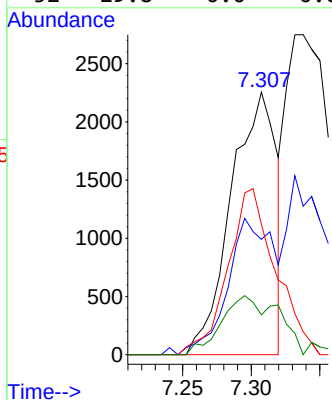
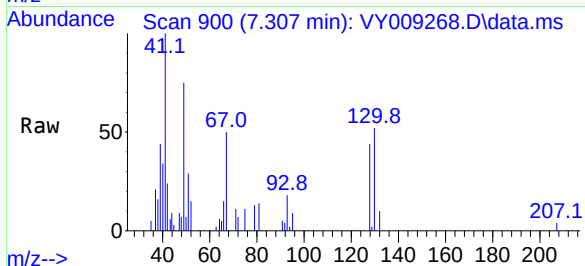




#41
Methacrylonitrile
Concen: 6.16 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

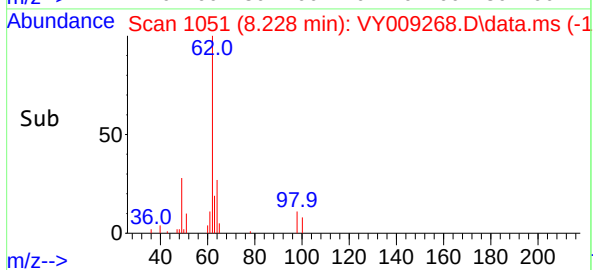
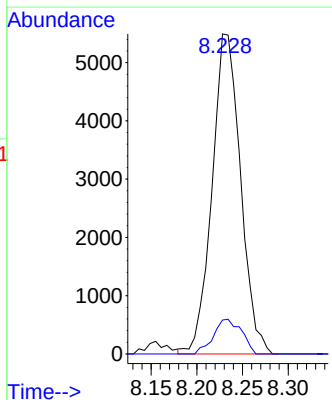
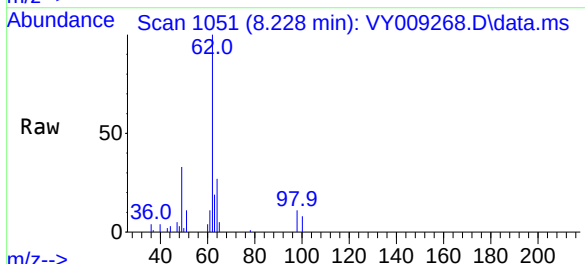
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

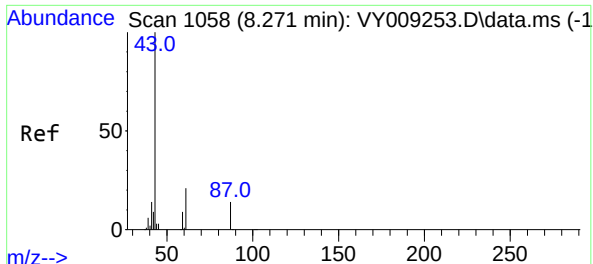
Tgt Ion:	41	Resp:	5175
Ion	Ratio	Lower	Upper
41	100		
39	52.7	92.9	139.3#
67	66.9	0.0	0.0#
52	29.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.60 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	62	Resp:	11909
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	14.8

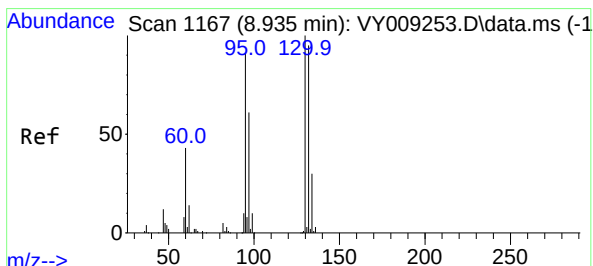
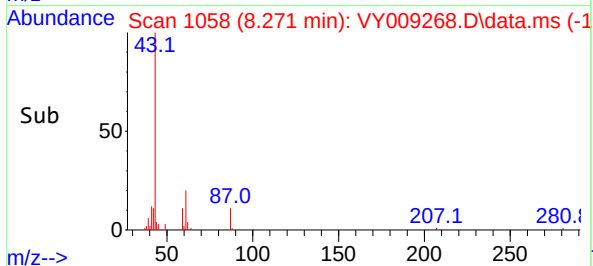
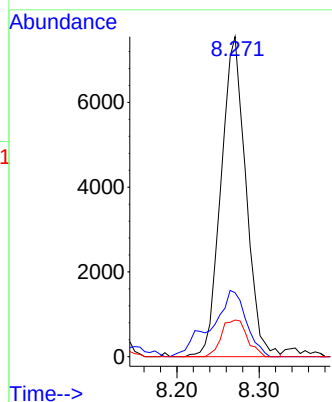
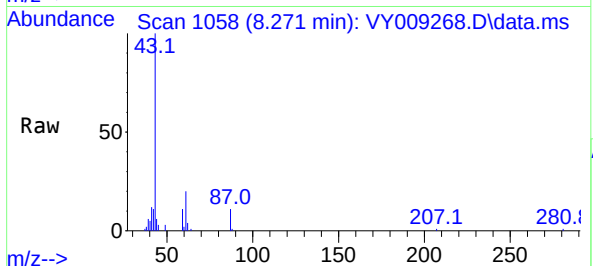




#43
Isopropyl Acetate
Concen: 5.69 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

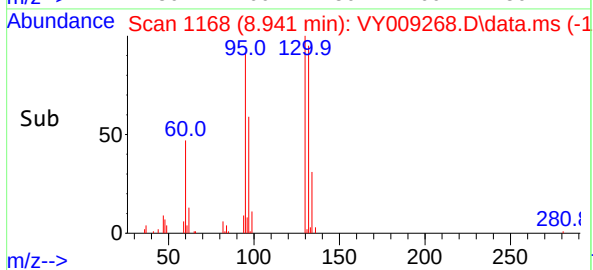
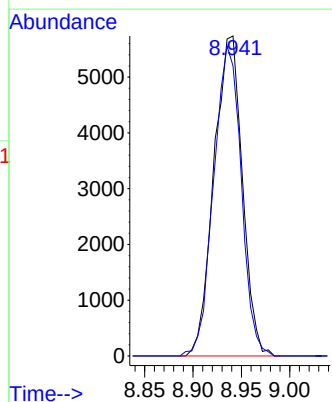
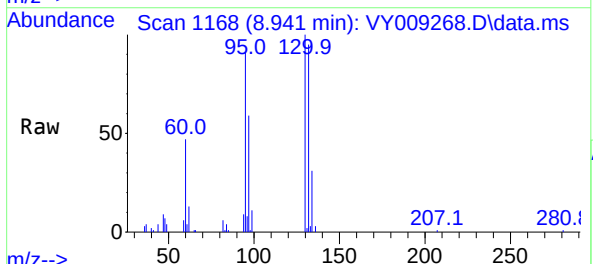
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

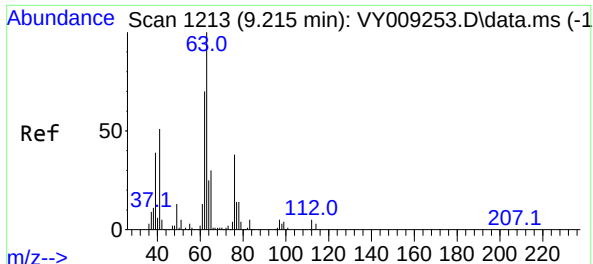
Tgt Ion:	43	Resp:	15786
Ion	Ratio	Lower	Upper
43	100		
61	29.0	20.2	30.2
87	11.9	8.9	13.3



#44
Trichloroethene
Concen: 5.62 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	130	Resp:	11717
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	188.2

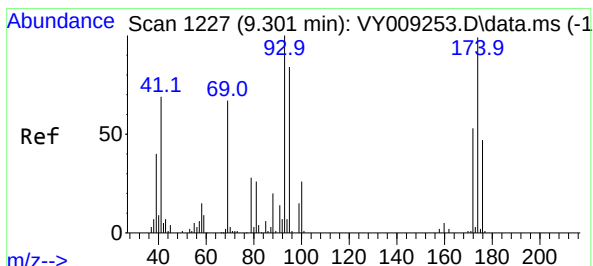
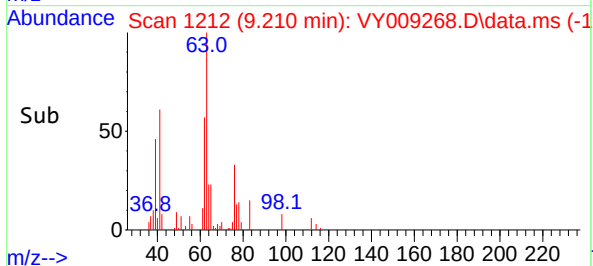
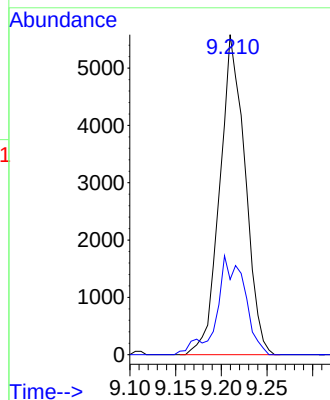
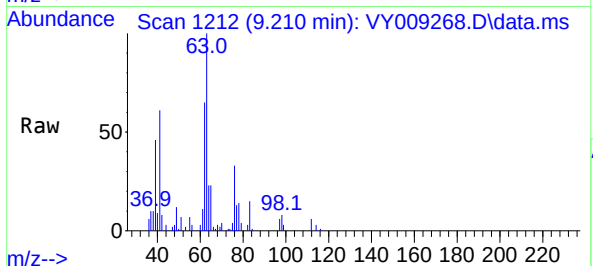




#45
1,2-Dichloropropane
Concen: 5.64 ug/l
RT: 9.210 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

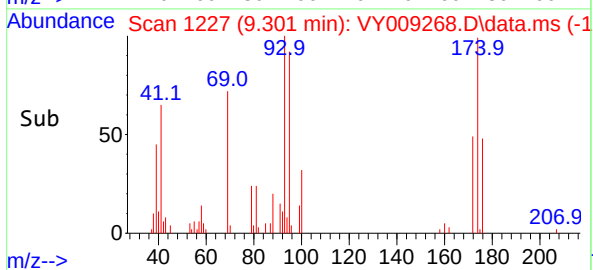
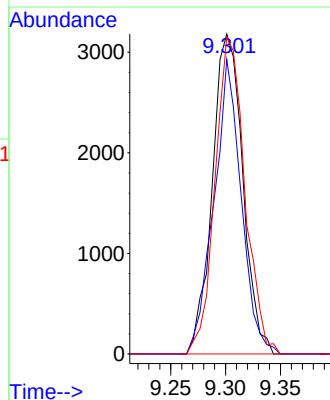
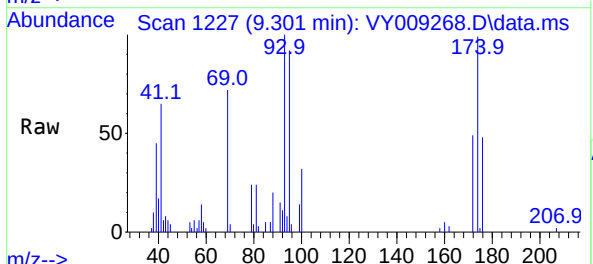
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

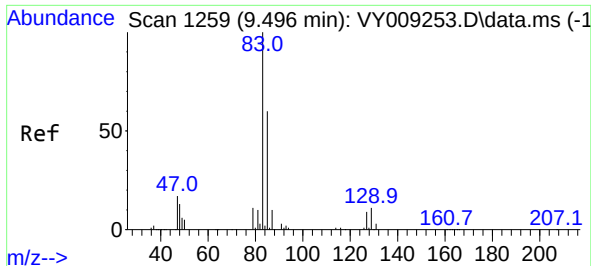
Tgt Ion: 63 Resp: 10769
Ion Ratio Lower Upper
63 100
65 23.5 23.0 34.6



#46
Dibromomethane
Concen: 5.66 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 93 Resp: 6140
Ion Ratio Lower Upper
93 100
95 82.8 64.3 96.5
174 97.0 83.4 125.0

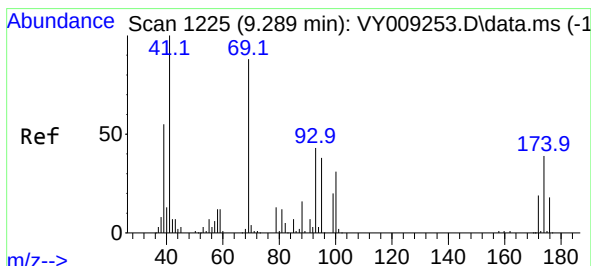
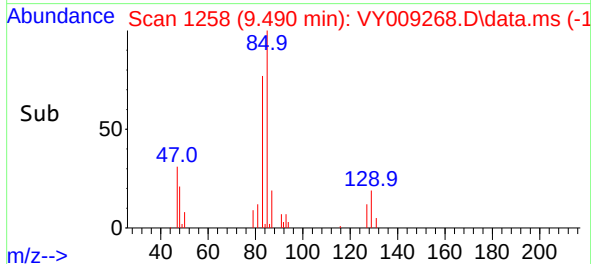
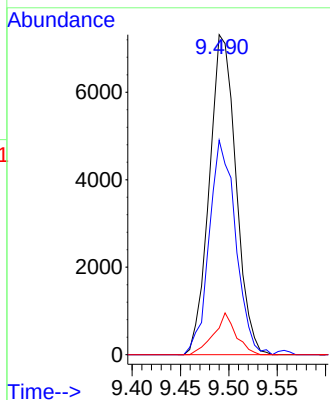
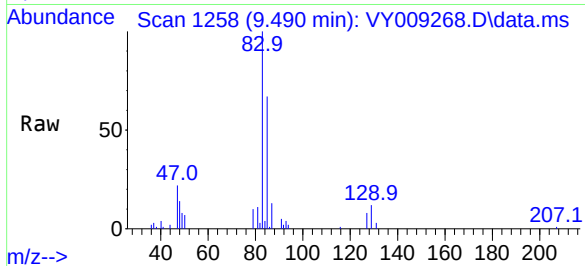




#47
Bromodichloromethane
Concen: 5.43 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

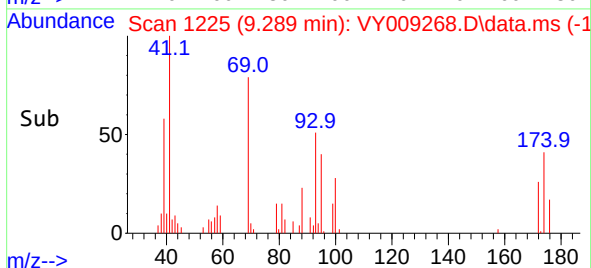
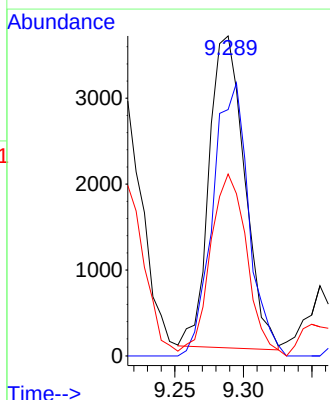
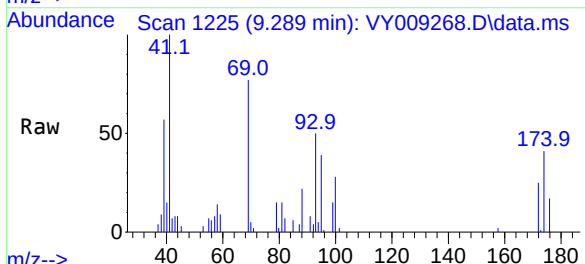
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

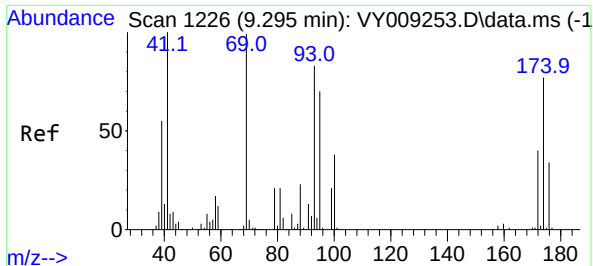
Tgt Ion: 83 Resp: 14007
Ion Ratio Lower Upper
83 100
85 67.0 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 5.38 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 41 Resp: 6539
Ion Ratio Lower Upper
41 100
69 88.7 58.2 87.2#
39 60.0 47.4 71.0





#49

1,4-Dioxane

Concen: 110.28 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

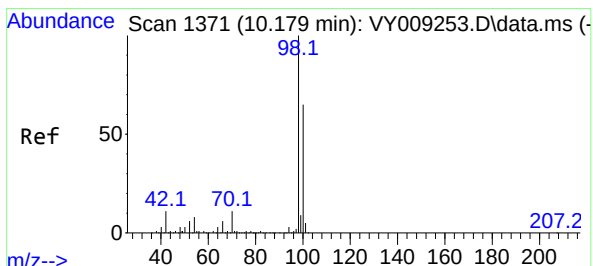
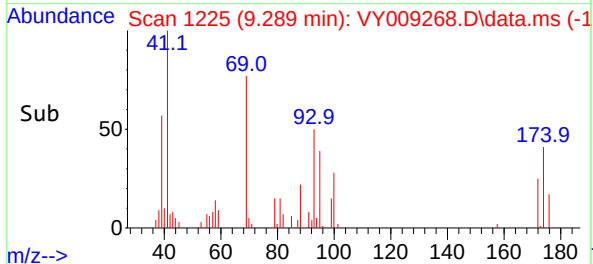
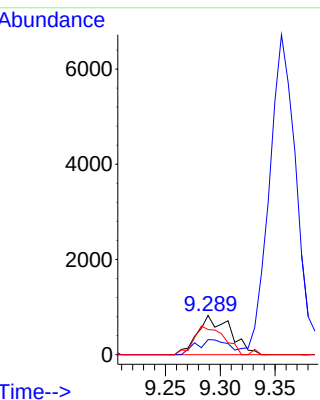
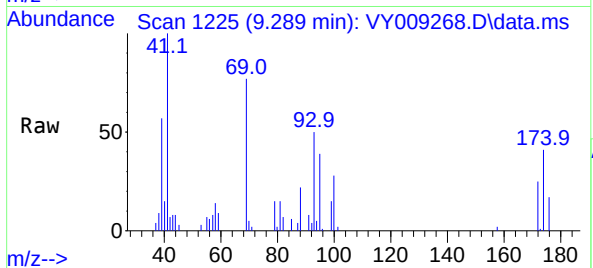
Tgt Ion: 88 Resp: 1720

Ion Ratio Lower Upper

88 100

43 36.7 32.8 49.2

58 66.2 59.8 89.6



#50

Toluene-d8

Concen: 5.82 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009268.D

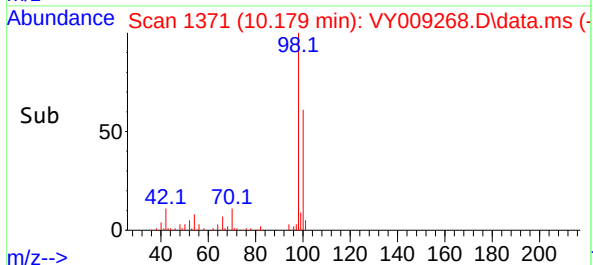
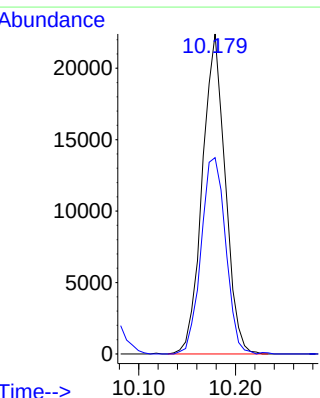
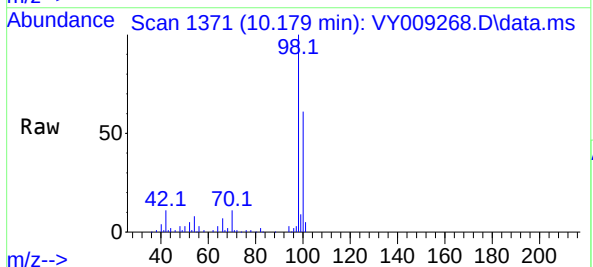
Acq: 22 Jun 2022 12:49

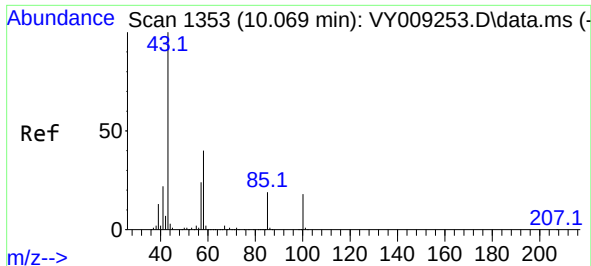
Tgt Ion: 98 Resp: 36804

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

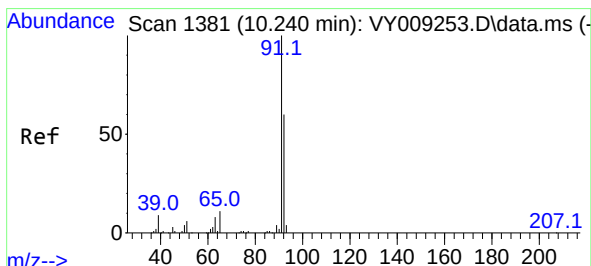
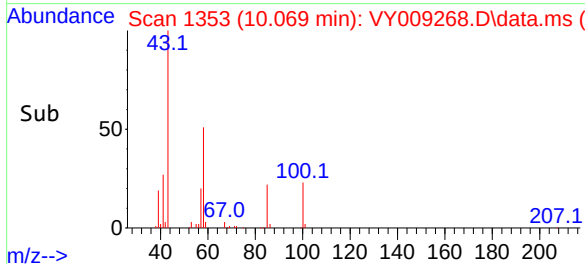
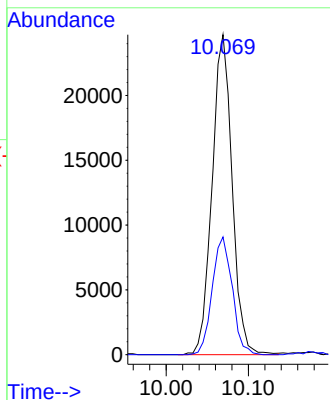
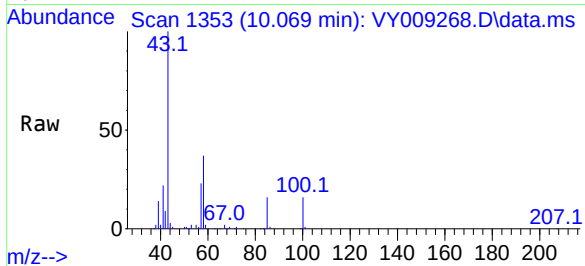




#51
4-Methyl-2-Pentanone
Concen: 28.95 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

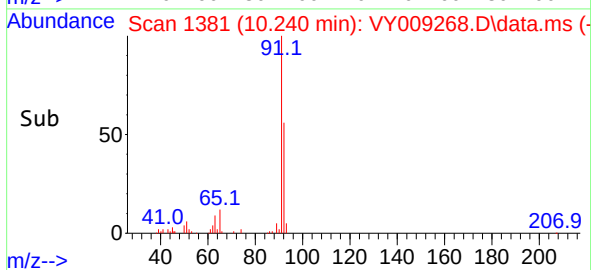
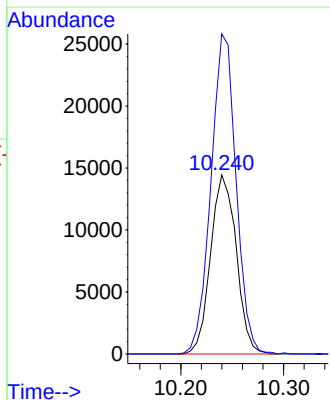
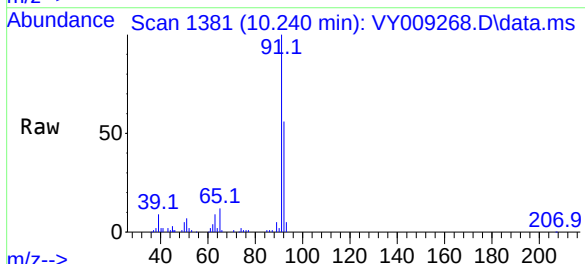
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

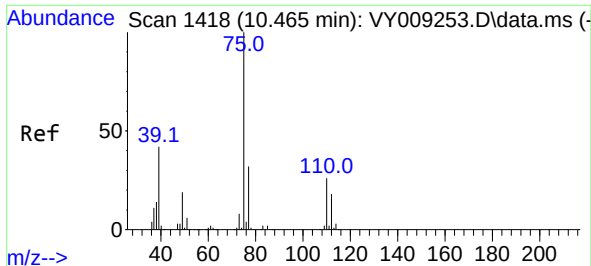
Tgt Ion: 43 Resp: 41786
Ion Ratio Lower Upper
43 100
58 36.7 28.1 42.1



#52
Toluene
Concen: 5.33 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 92 Resp: 24980
Ion Ratio Lower Upper
92 100
91 175.6 142.6 213.8

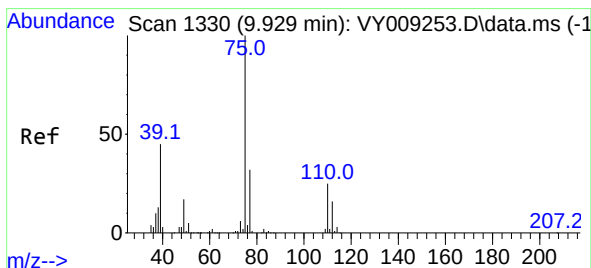
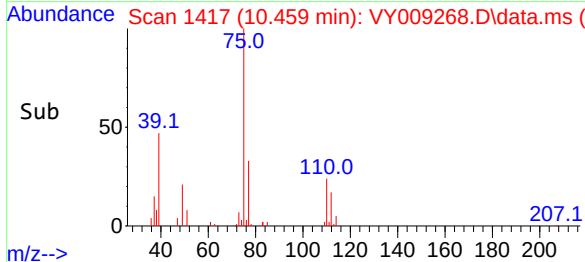
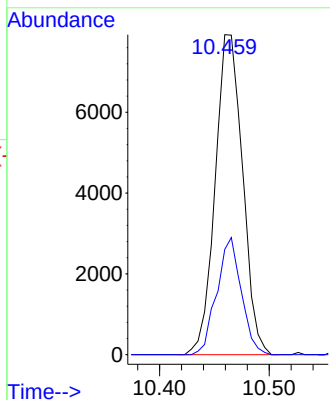
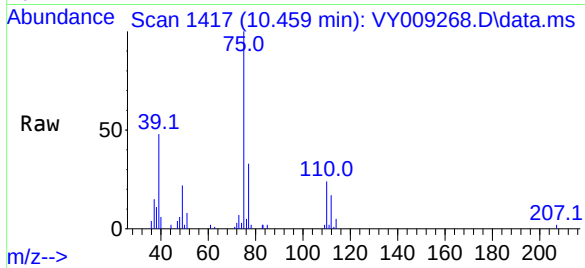




#53
t-1,3-Dichloropropene
Concen: 5.14 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

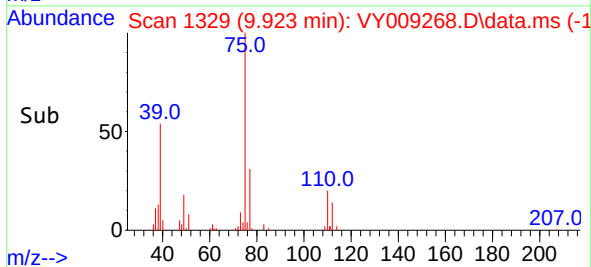
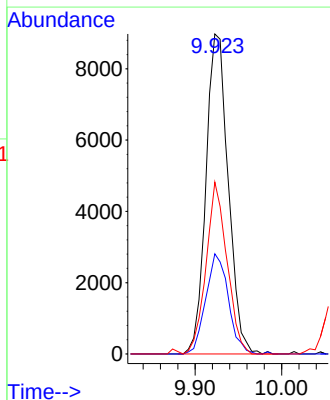
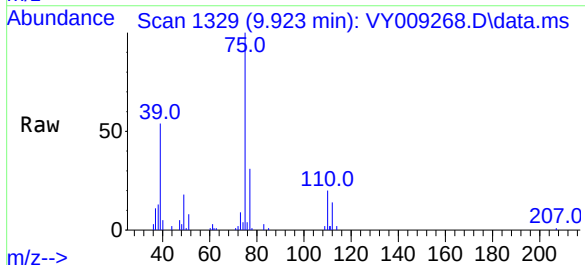
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

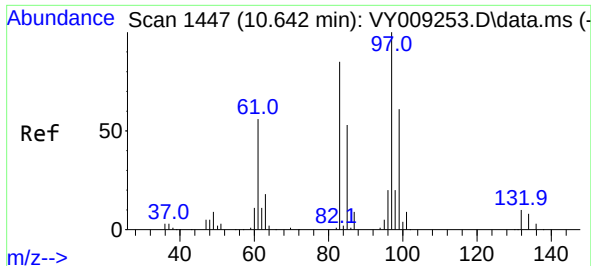
Tgt Ion: 75 Resp: 13787
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.26 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 75 Resp: 16034
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 53.7 47.6 71.4

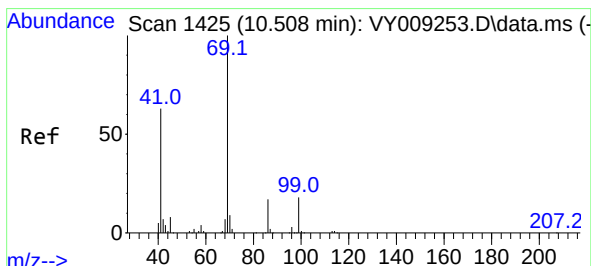
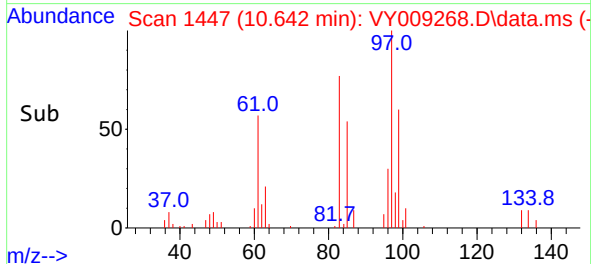
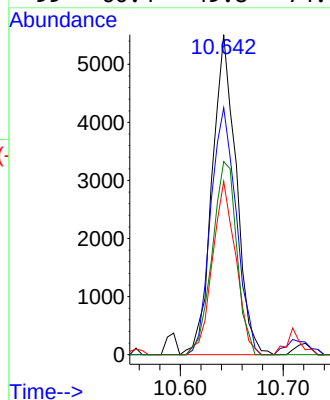
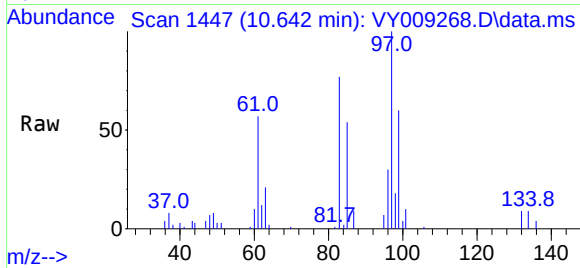




#55
1,1,2-Trichloroethane
Concen: 5.85 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

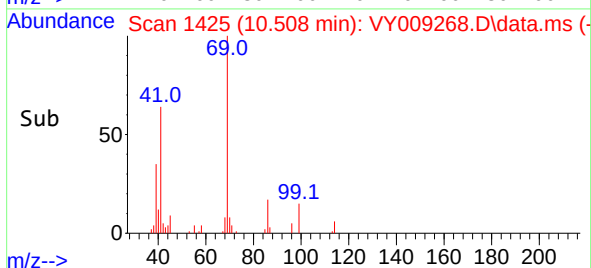
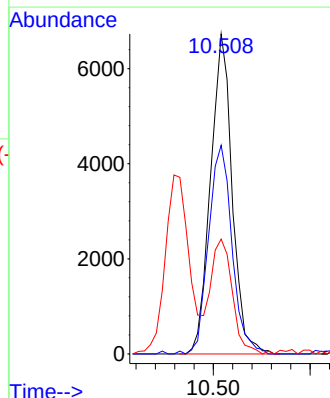
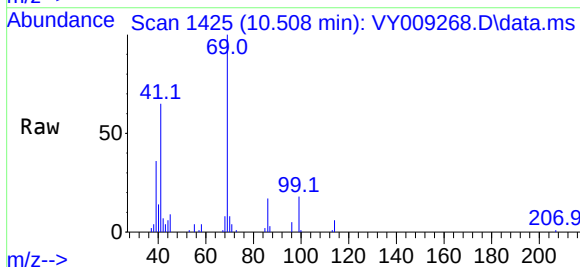
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

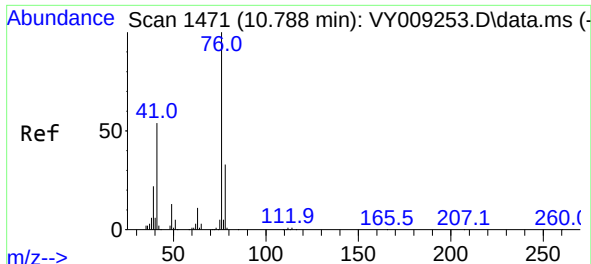
Tgt Ion: 97	Resp: 8919
Ion Ratio	Lower Upper
97 100	
83 77.2	69.8 104.8
85 54.2	44.3 66.5
99 60.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 5.19 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 69	Resp: 10449
Ion Ratio	Lower Upper
69 100	
41 71.0	63.4 95.0
39 35.1	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 5.55 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

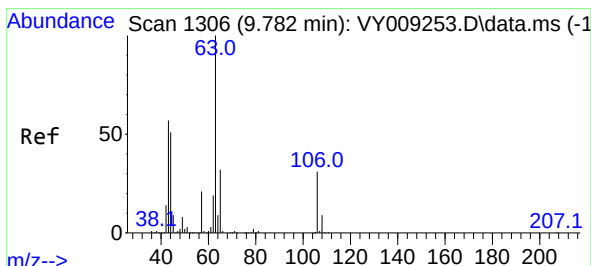
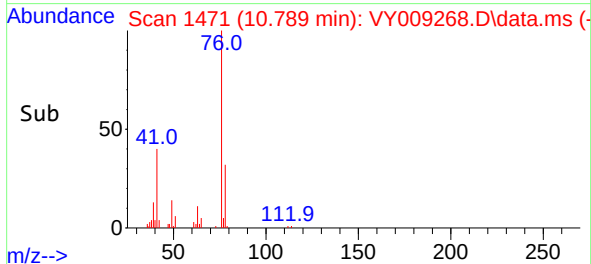
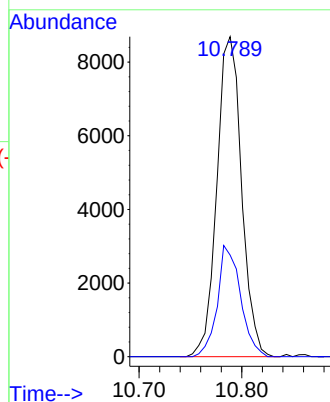
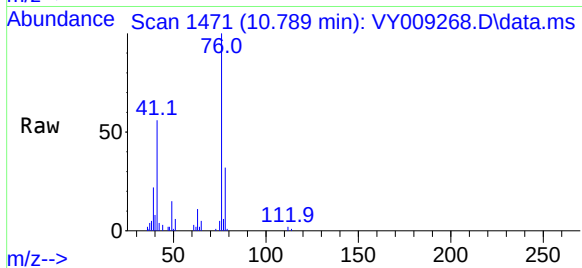
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 76 Resp: 14477

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 30.20 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY009268.D

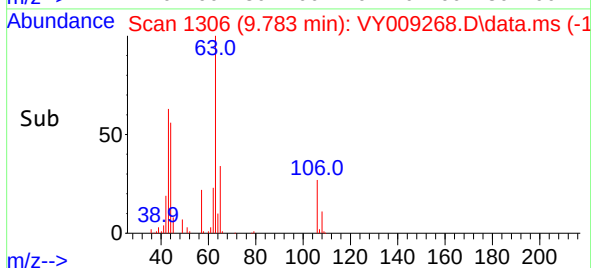
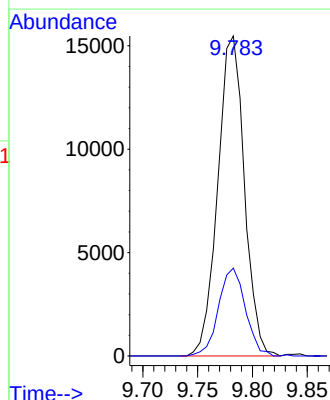
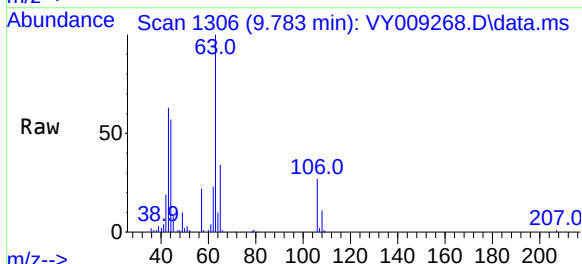
Acq: 22 Jun 2022 12:49

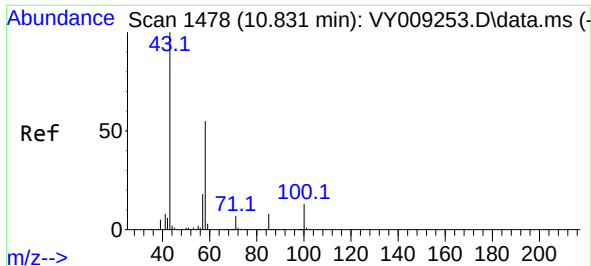
Tgt Ion: 63 Resp: 26109

Ion Ratio Lower Upper

63 100

106 27.6 21.5 32.3

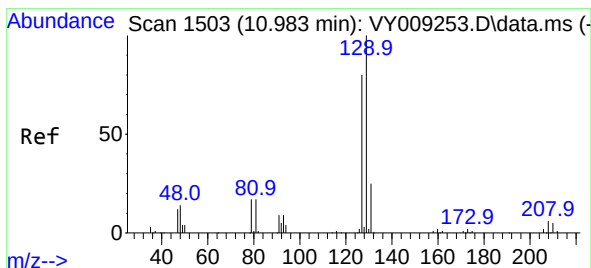
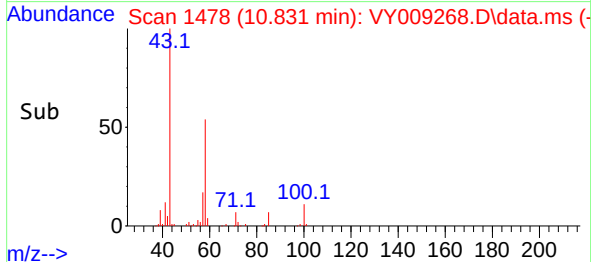
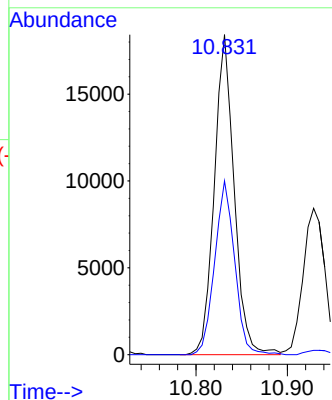
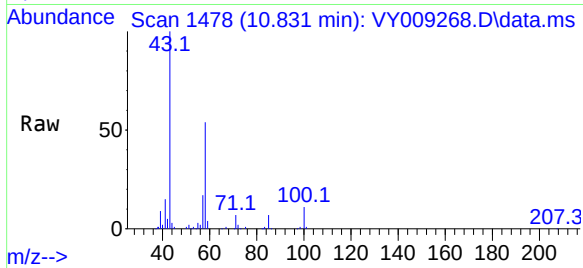




#59
2-Hexanone
Concen: 28.49 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

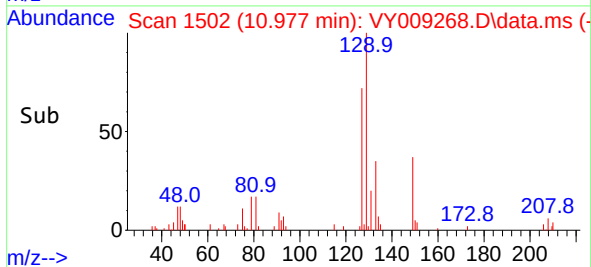
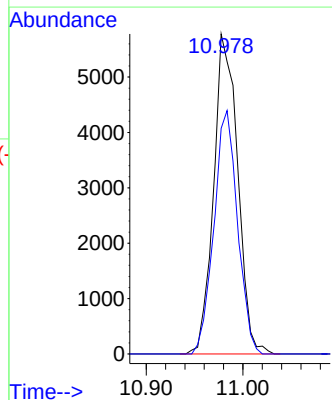
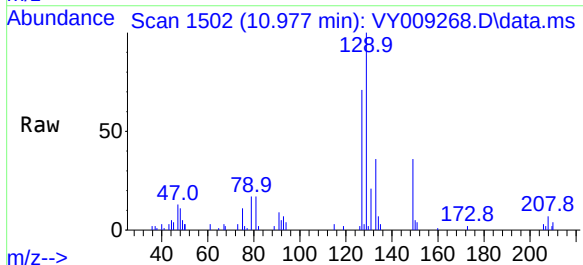
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

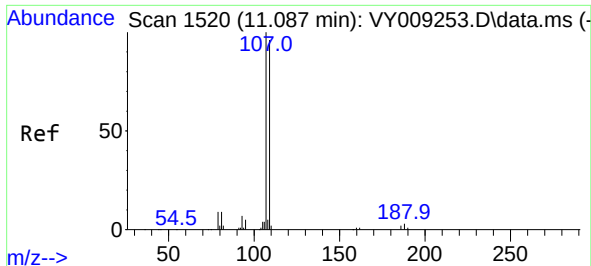
Tgt Ion: 43 Resp: 27829
Ion Ratio Lower Upper
43 100
58 54.6 24.4 73.4



#60
Dibromochloromethane
Concen: 5.36 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 129 Resp: 9951
Ion Ratio Lower Upper
129 100
127 74.8 38.7 116.1

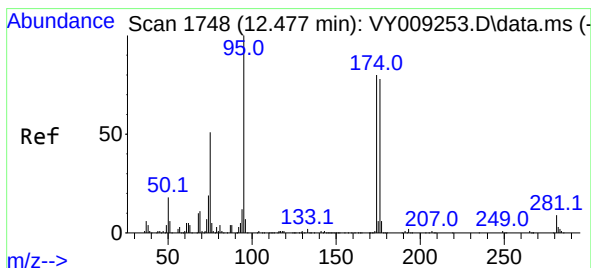
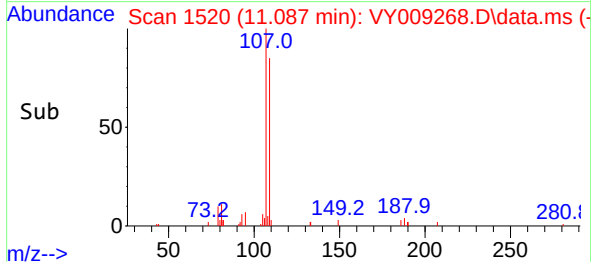
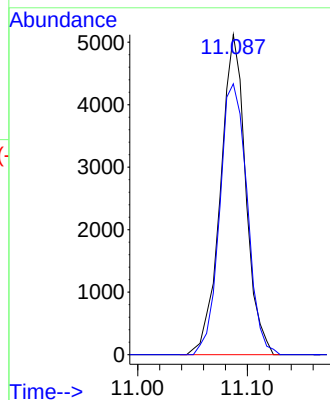
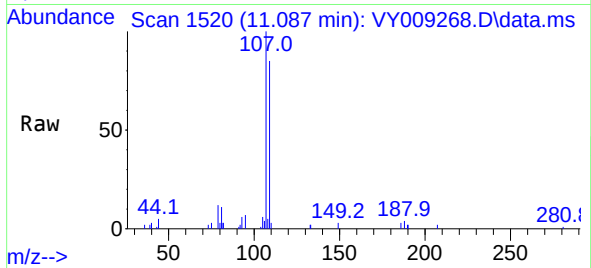




#61
1,2-Dibromoethane
Concen: 5.53 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

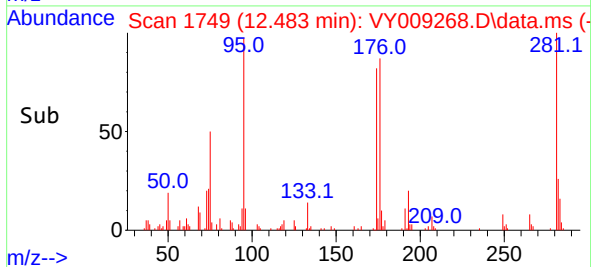
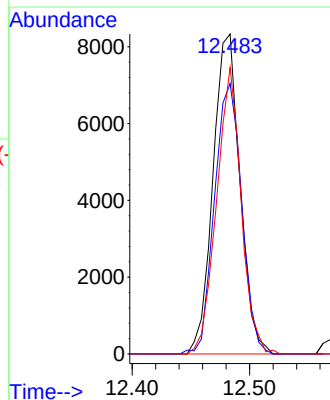
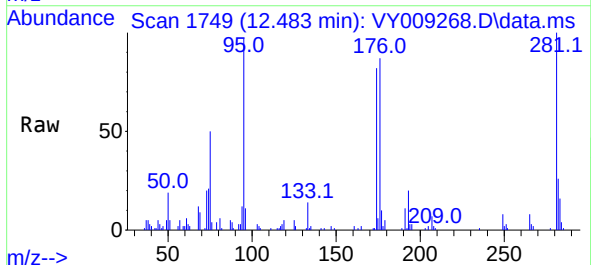
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

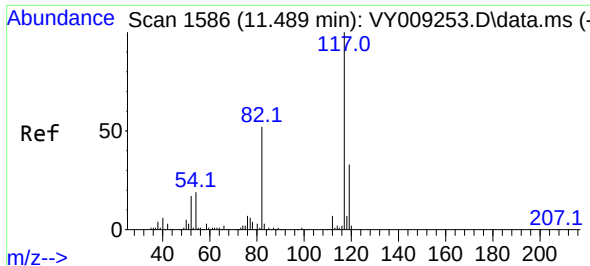
Tgt Ion:107 Resp: 8211
Ion Ratio Lower Upper
107 100
109 91.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 95 Resp: 13278
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.6 0.0 175.8

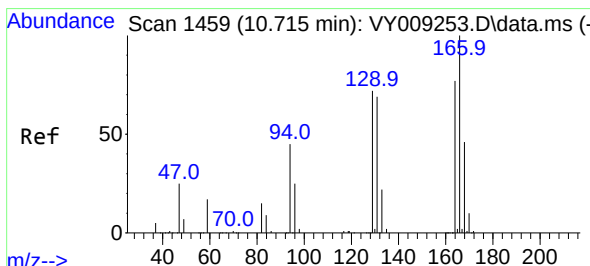
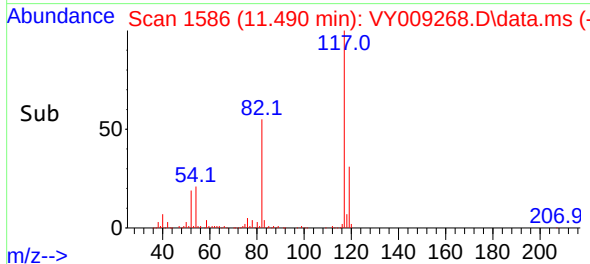
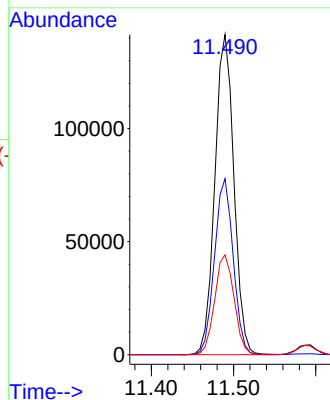
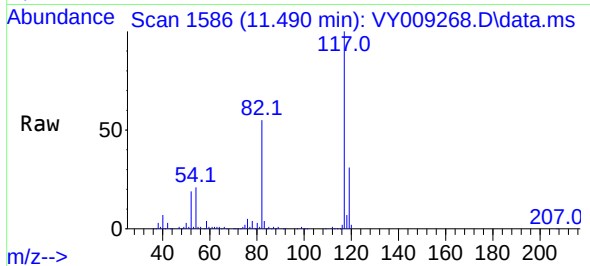




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

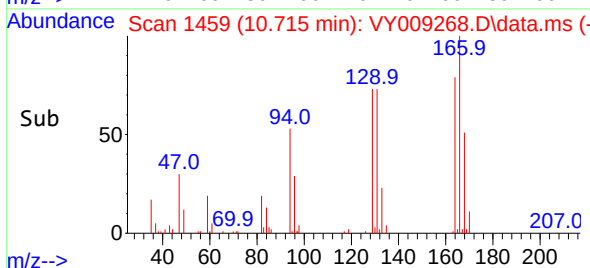
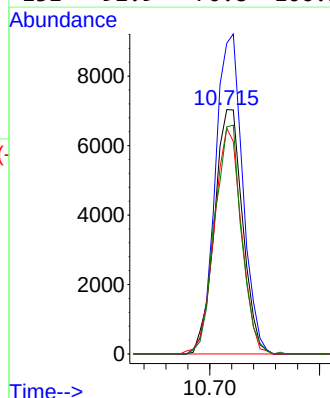
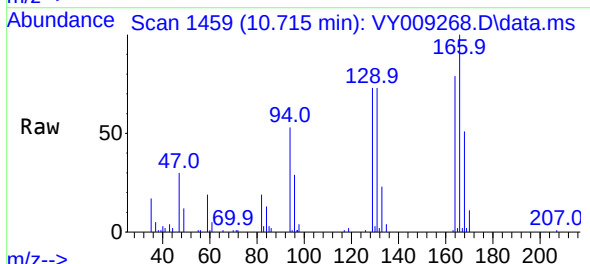
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

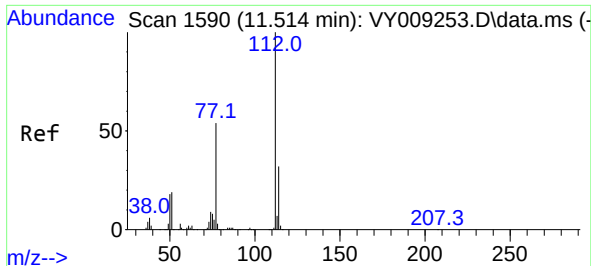
Tgt Ion:	117	Resp:	227367
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	31.2	25.4	38.0



#64
Tetrachloroethene
Concen: 5.70 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	164	Resp:	12493
Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.4	150.6
129	92.4	71.4	107.0
131	92.9	70.8	106.2

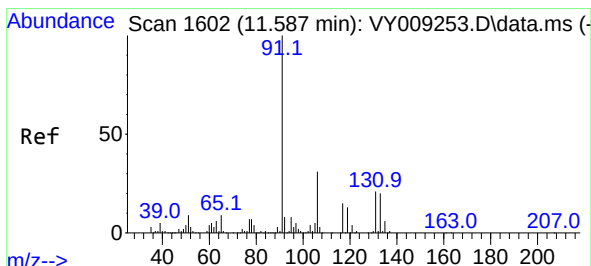
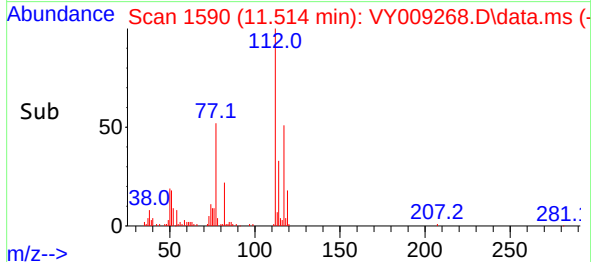
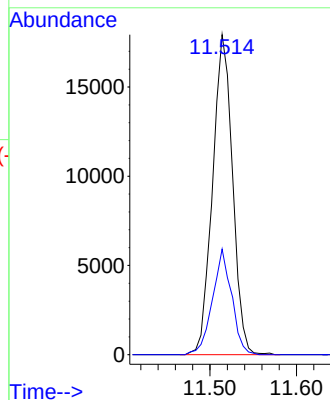
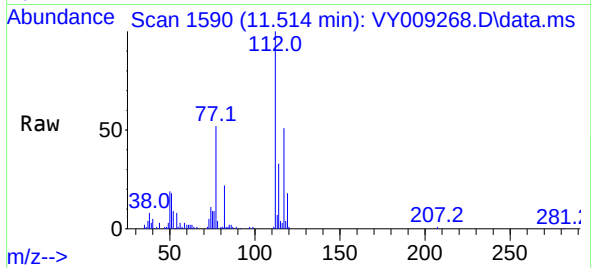




#65
Chlorobenzene
Concen: 5.62 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

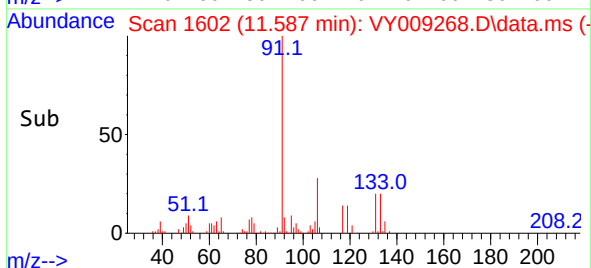
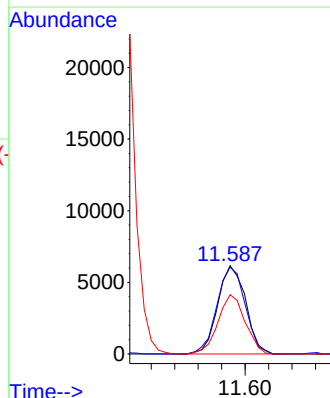
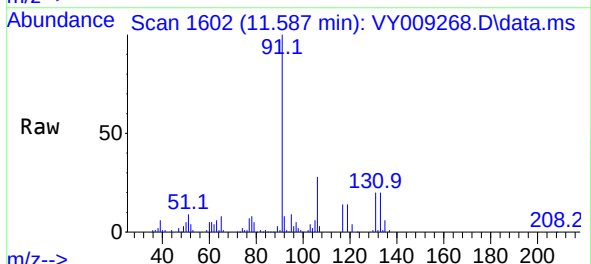
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

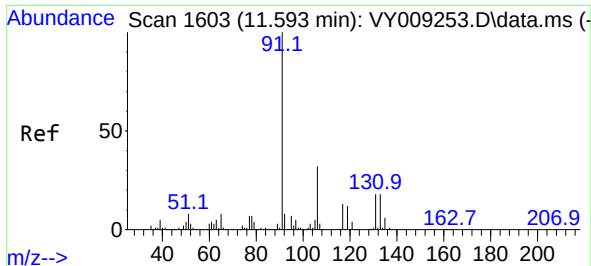
Tgt Ion:112 Resp: 28789
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.43 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:131 Resp: 10164
Ion Ratio Lower Upper
131 100
133 99.8 47.9 143.6
119 65.3 30.8 92.3

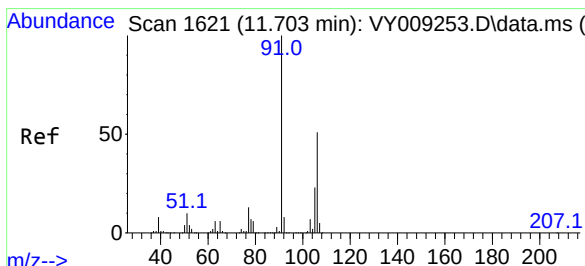
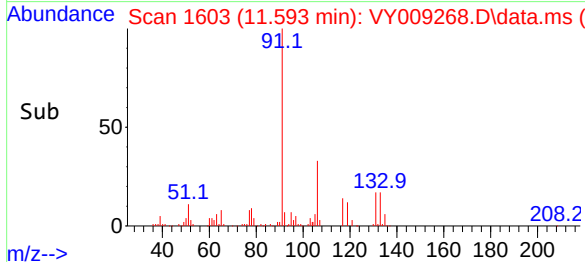
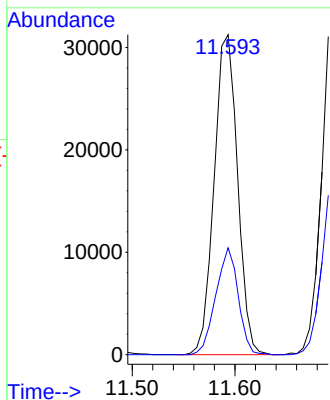
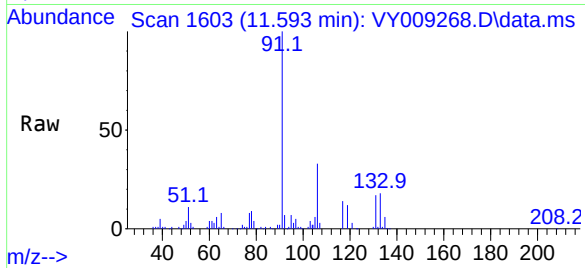




#67
Ethyl Benzene
Concen: 5.56 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

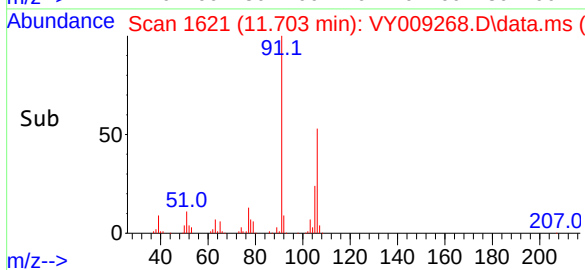
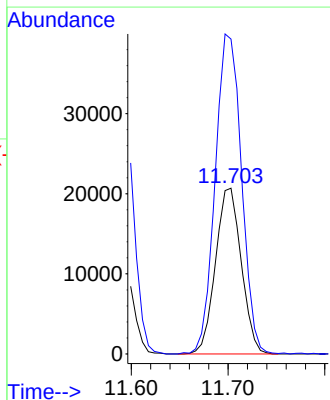
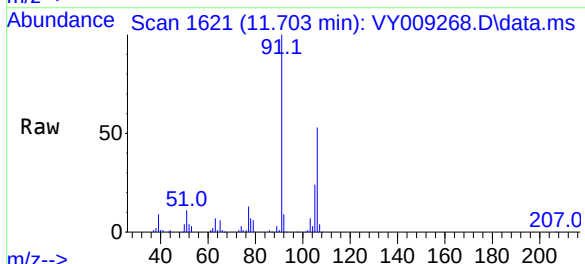
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

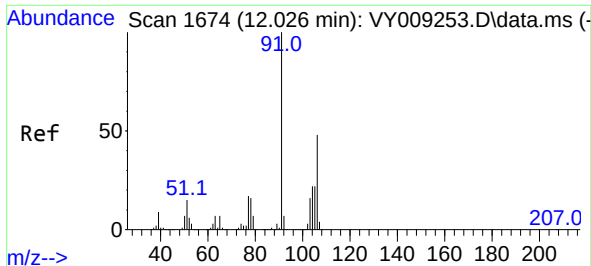
Tgt Ion: 91 Resp: 49357
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 10.99 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 106 Resp: 38274
Ion Ratio Lower Upper
106 100
91 197.2 166.6 249.8

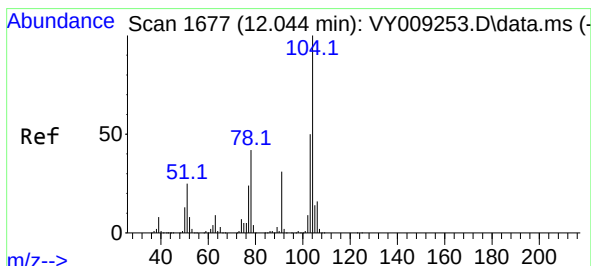
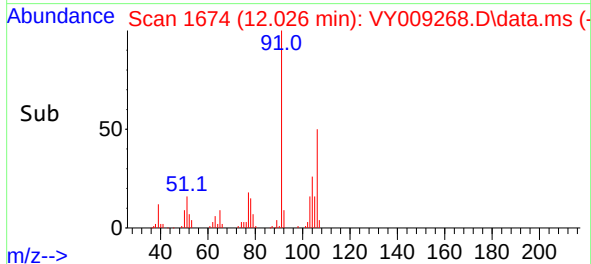
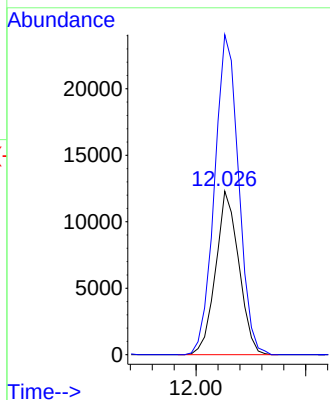
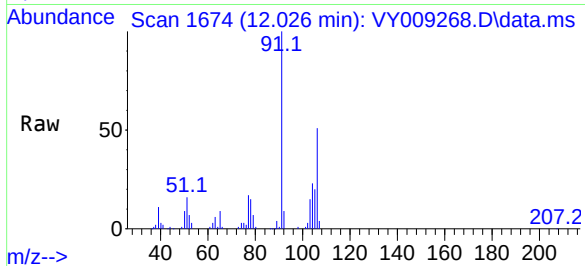




#69
o-Xylene
Concen: 5.45 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

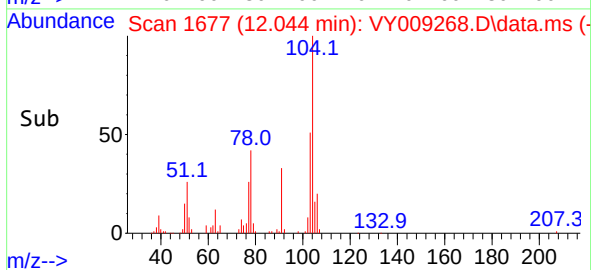
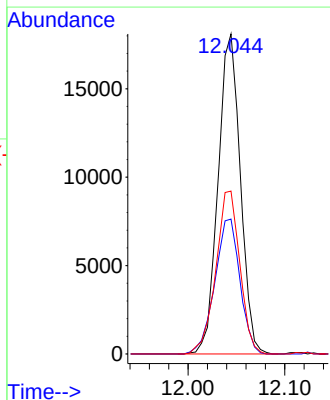
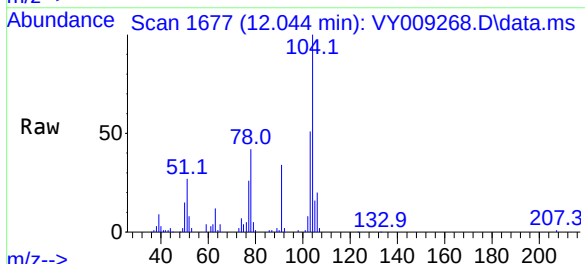
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

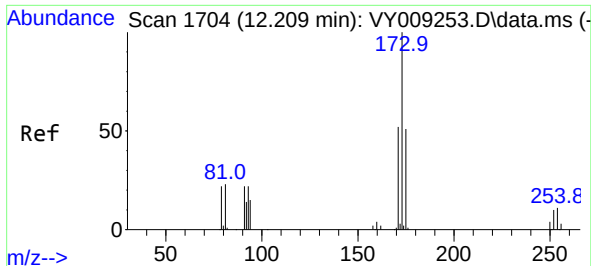
Tgt Ion:106 Resp: 18052
Ion Ratio Lower Upper
106 100
91 203.2 110.3 331.0



#70
Styrene
Concen: 5.26 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:104 Resp: 28917
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 54.9 44.4 66.6

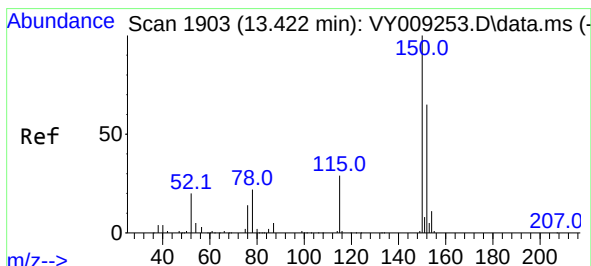
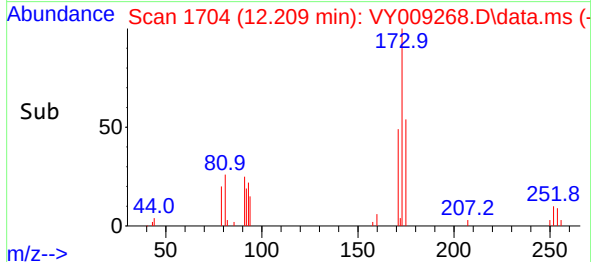
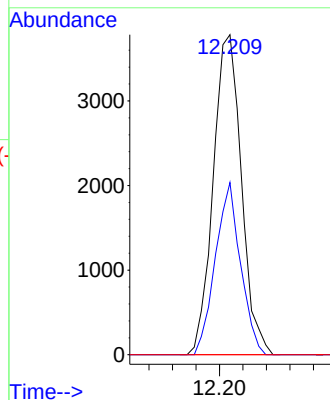
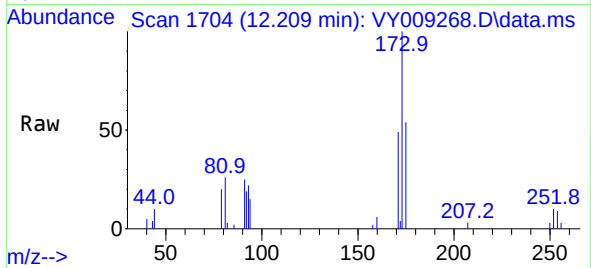




#71
Bromoform
Concen: 5.44 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

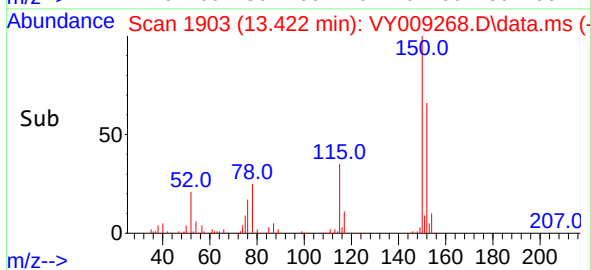
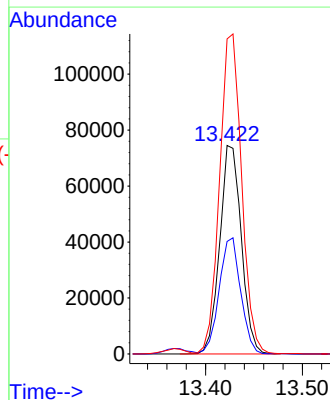
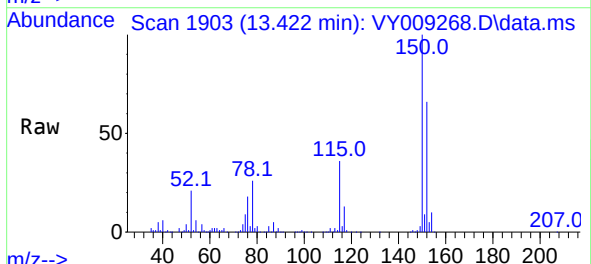
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

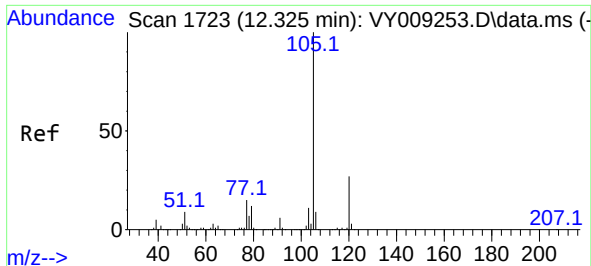
Tgt Ion:173 Resp: 6298
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:152 Resp: 115251
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.2 0.0 347.6

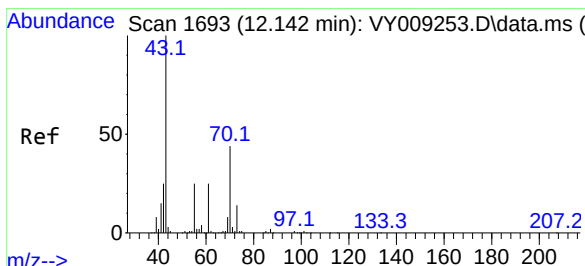
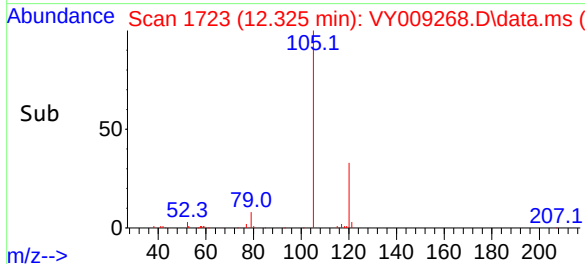
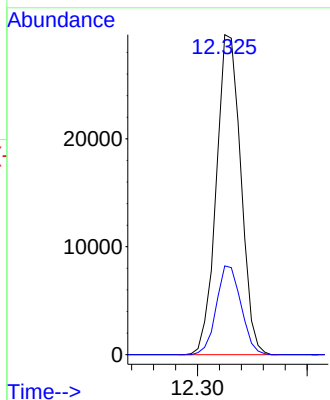
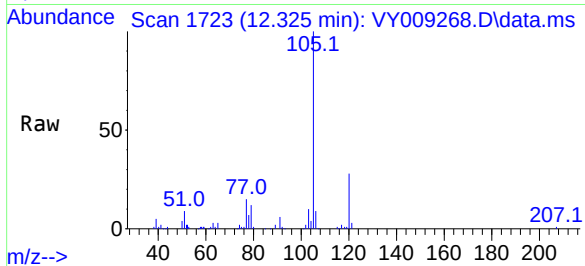




#73
Isopropylbenzene
Concen: 5.10 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

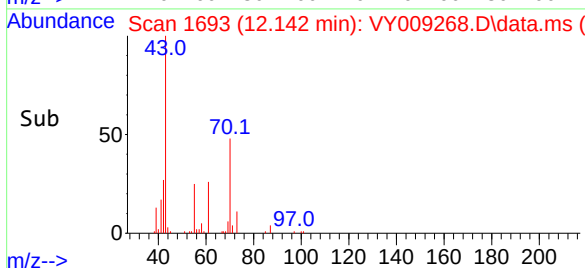
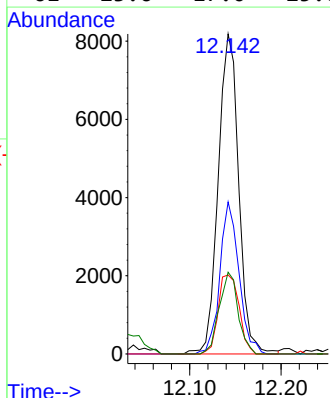
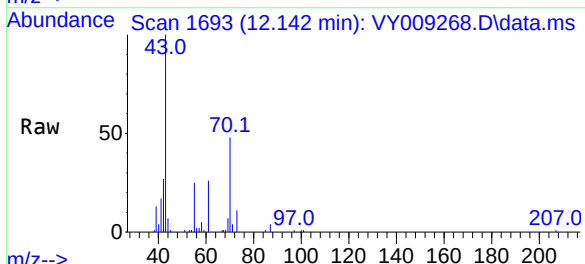
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

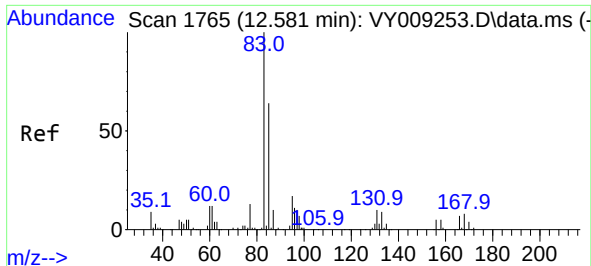
Tgt Ion:105 Resp: 46108
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 5.29 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 43 Resp: 12771
Ion Ratio Lower Upper
43 100
70 44.3 28.7 43.1#
55 25.1 17.3 25.9
61 23.6 17.0 25.6

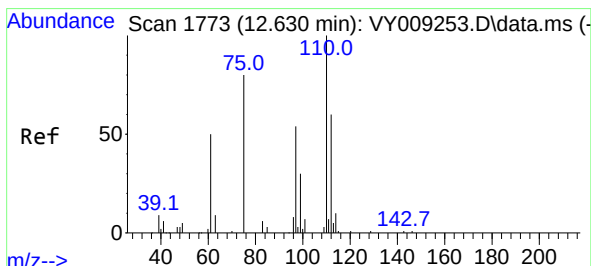
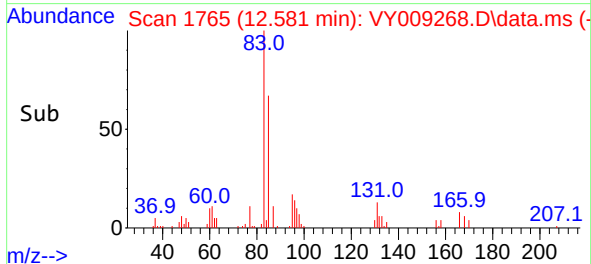
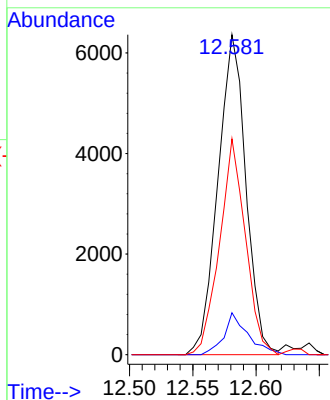
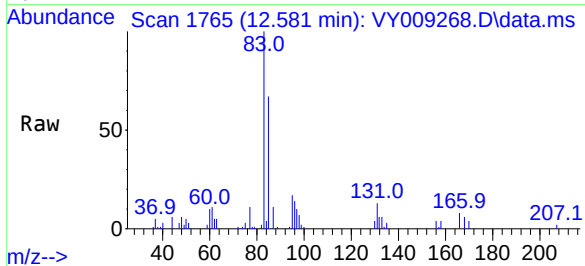




#75
1,1,2,2-Tetrachloroethane
Concen: 5.68 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

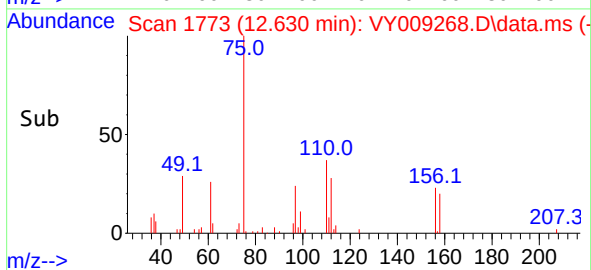
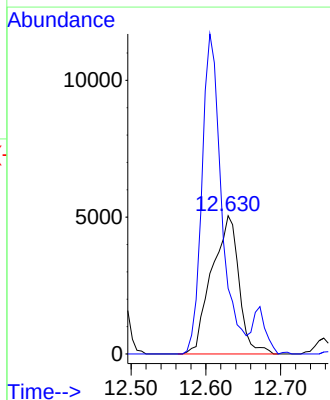
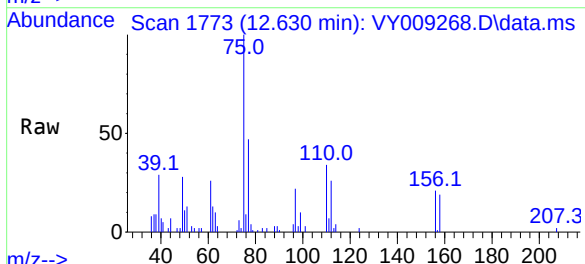
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

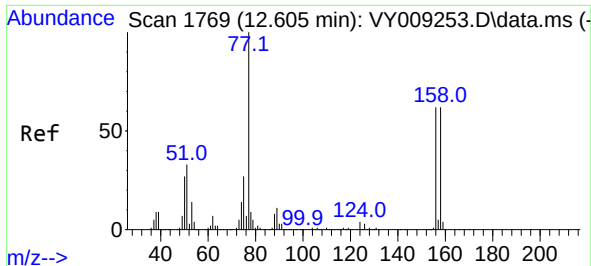
Tgt Ion:	83	Resp:	9776
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	62.5	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 9.48 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	75	Resp:	12813
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

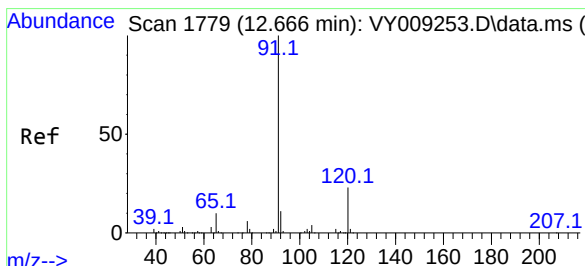
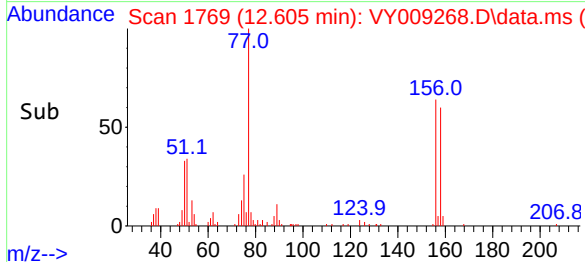
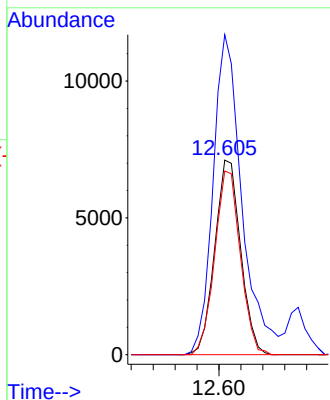
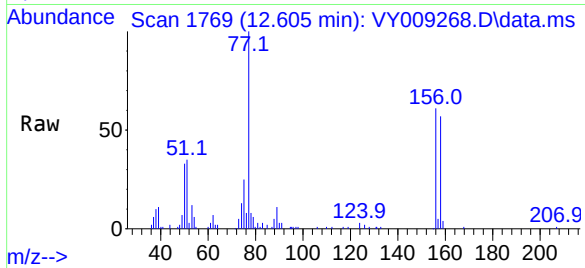




#77
Bromobenzene
Concen: 5.30 ug/l
RT: 12.605 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

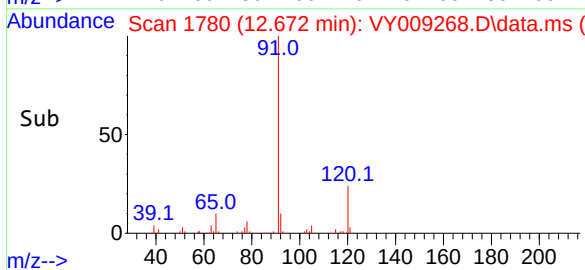
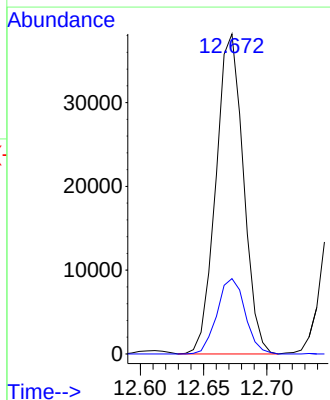
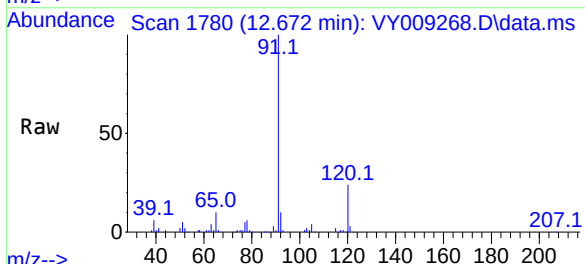
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

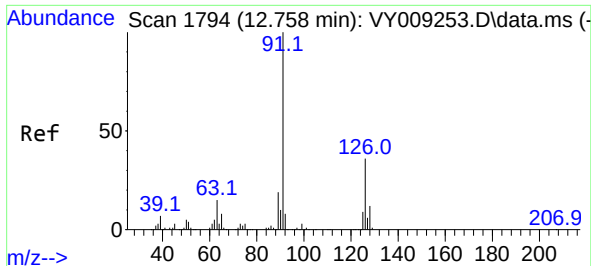
Tgt Ion:156 Resp: 11647
Ion Ratio Lower Upper
156 100
77 183.1 95.5 286.4
158 93.6 48.0 144.0



#78
n-propylbenzene
Concen: 5.29 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 91 Resp: 57674
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9

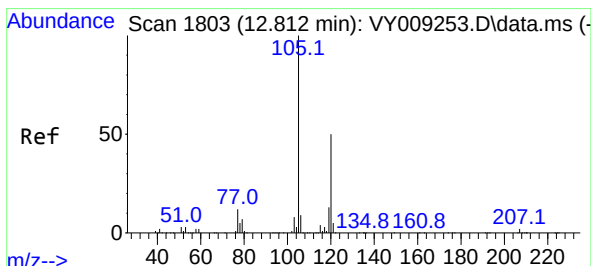
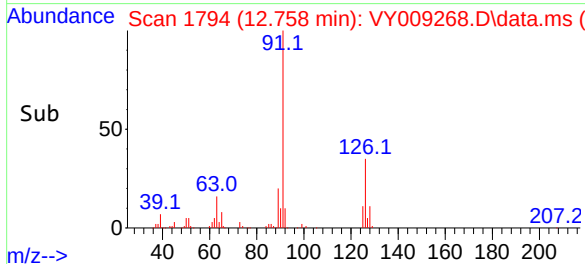
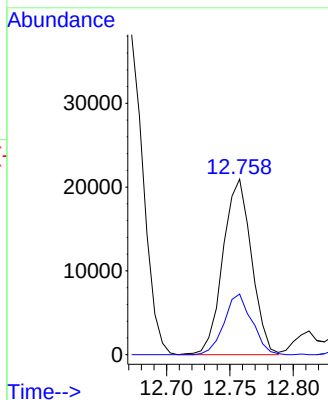
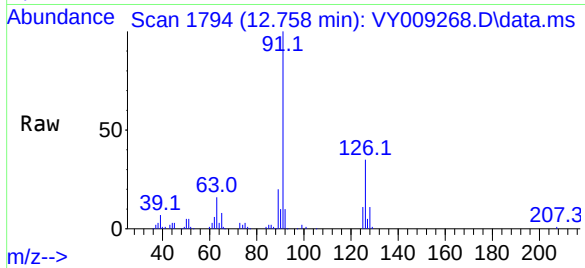




#79
2-Chlorotoluene
Concen: 5.37 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

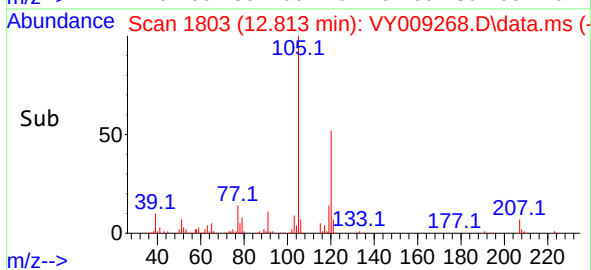
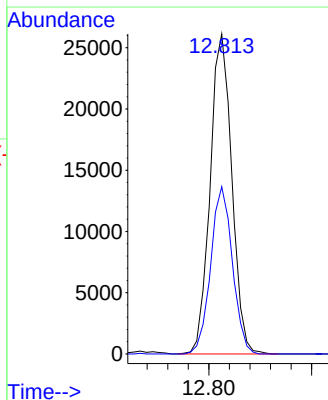
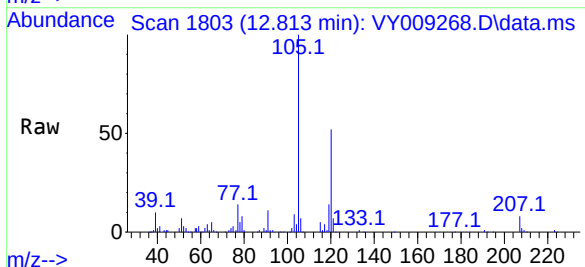
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

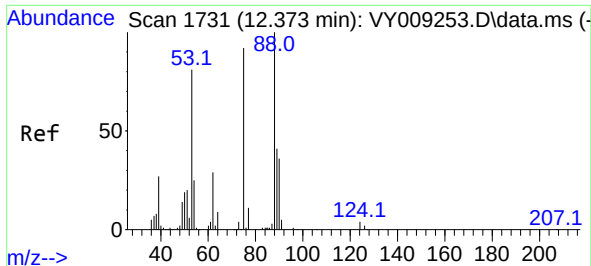
Tgt Ion: 91 Resp: 32977
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 5.09 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 105 Resp: 38225
Ion Ratio Lower Upper
105 100
120 52.3 24.4 73.4

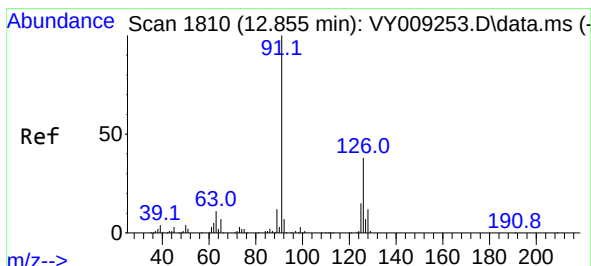
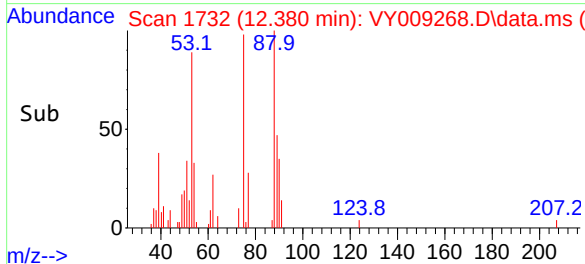
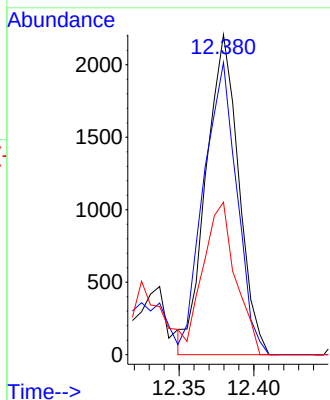
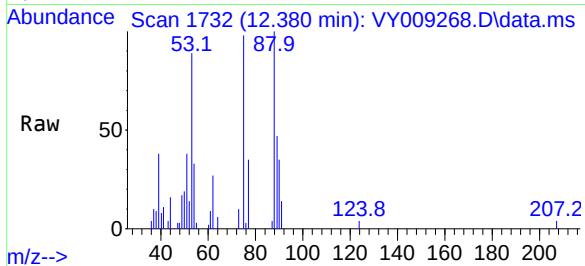




#81
trans-1,4-Dichloro-2-butene
Concen: 5.23 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

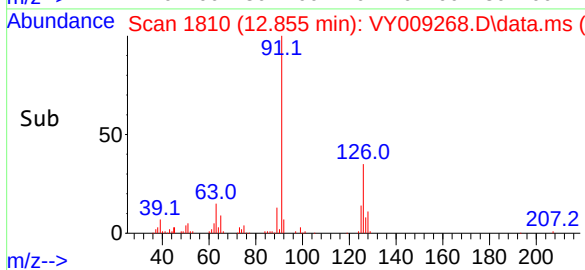
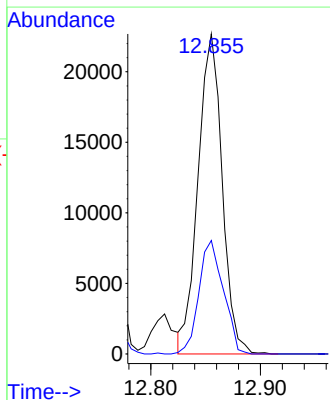
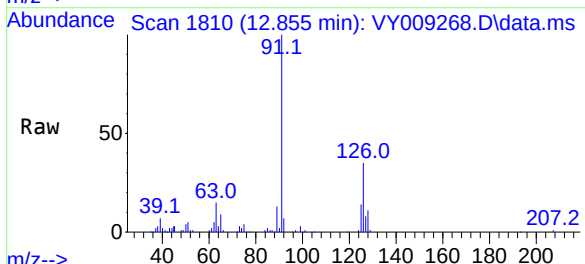
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

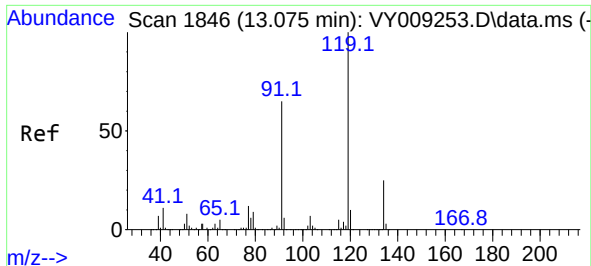
Tgt Ion:	75	Resp:	3336
Ion	Ratio	Lower	Upper
75	100		
53	93.4	85.3	127.9
89	47.1	37.0	55.4



#82
4-Chlorotoluene
Concen: 5.42 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	91	Resp:	34666
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.0	51.0

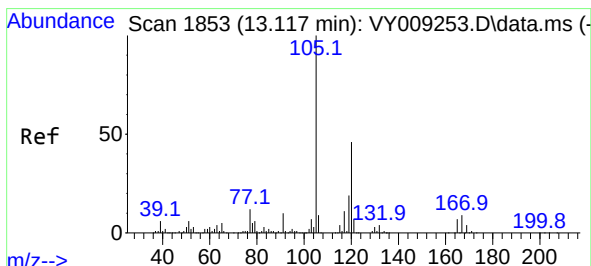
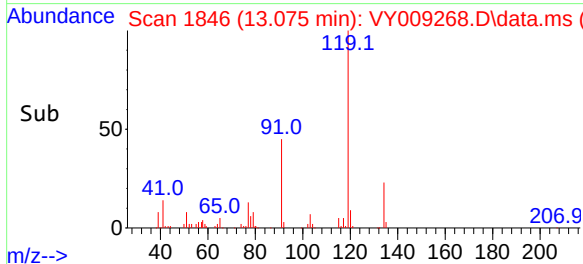
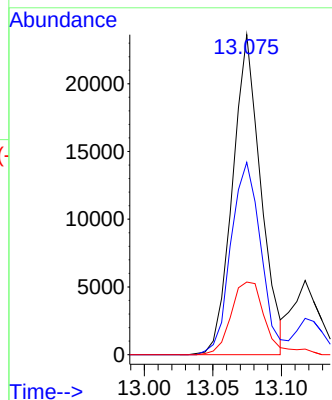
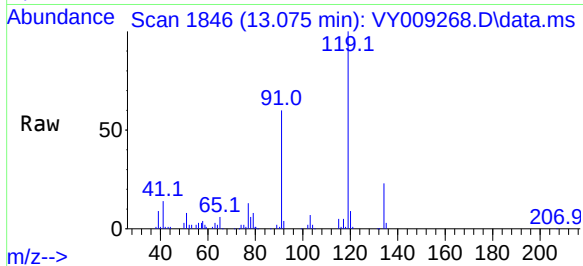




#83
tert-Butylbenzene
Concen: 5.19 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

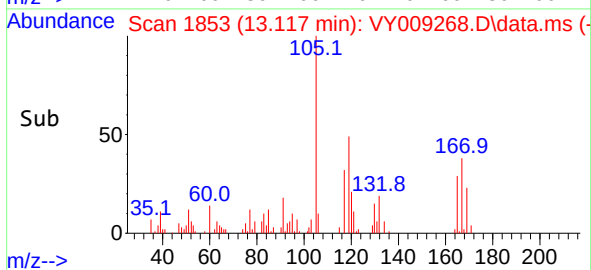
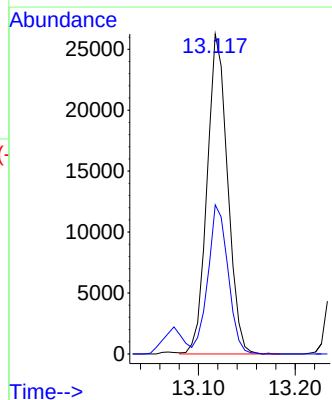
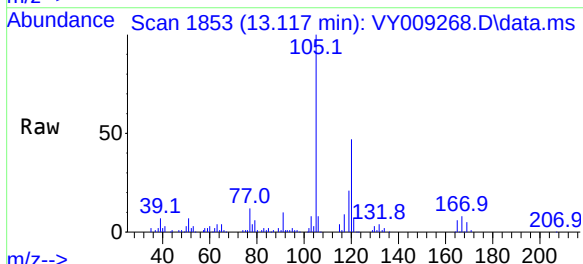
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

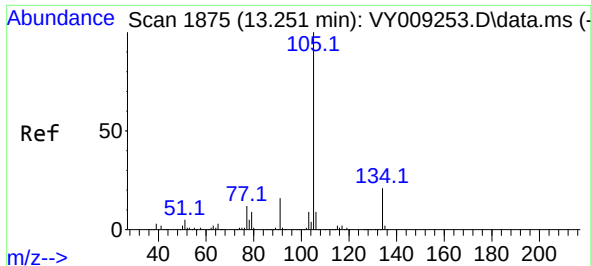
Tgt Ion:119 Resp: 33988
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.4
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 5.26 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:105 Resp: 38714
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9

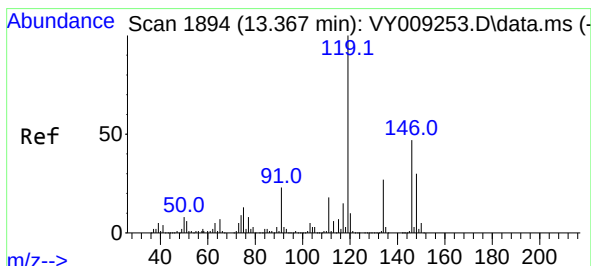
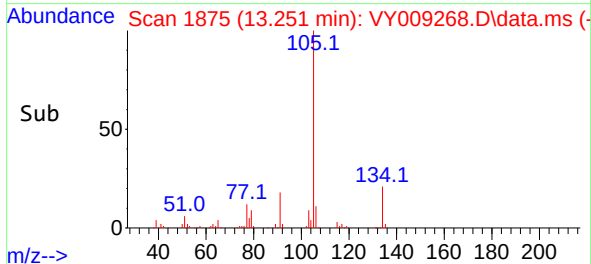
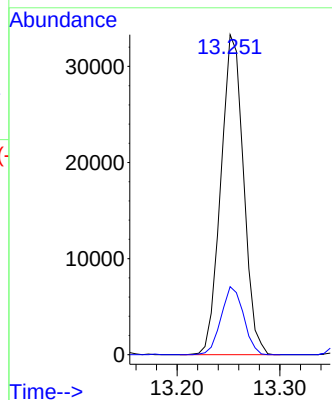
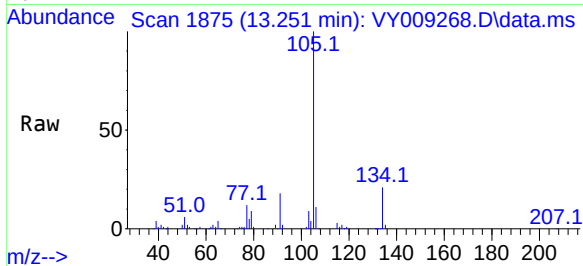




#85
 sec-Butylbenzene
 Concen: 5.20 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

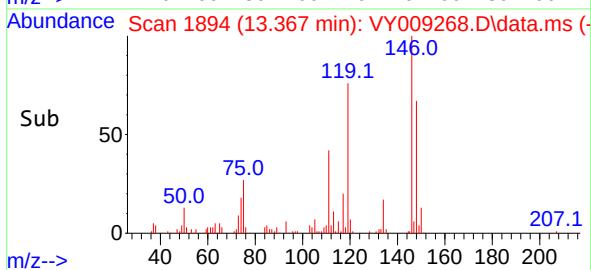
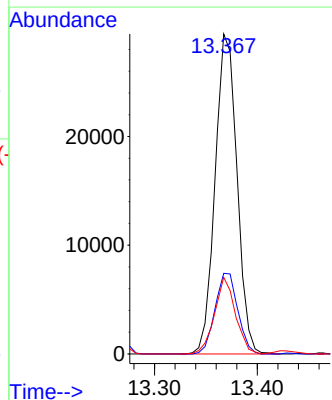
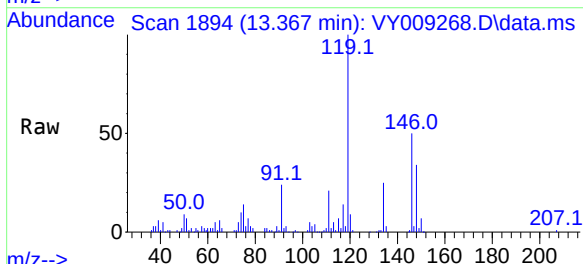
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

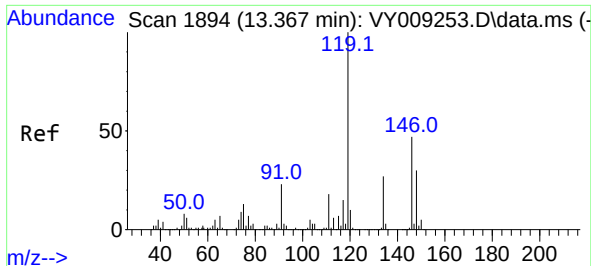
Tgt Ion:105 Resp: 50981
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 5.33 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Tgt Ion:119 Resp: 43438
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.40 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

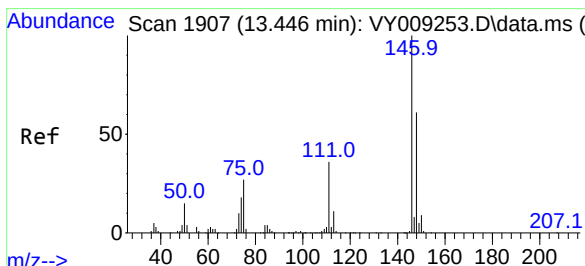
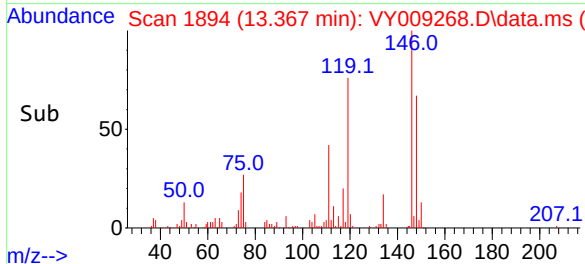
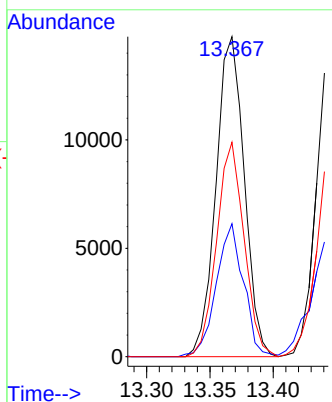
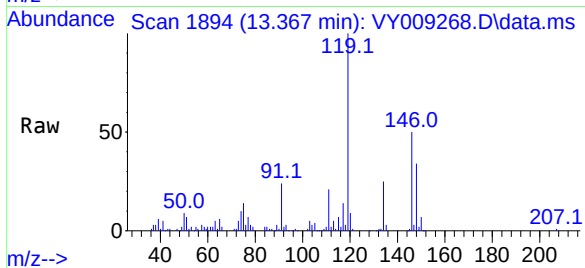
Tgt Ion:146 Resp: 22940

Ion Ratio Lower Upper

146 100

111 40.1 19.5 58.5

148 65.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 5.61 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

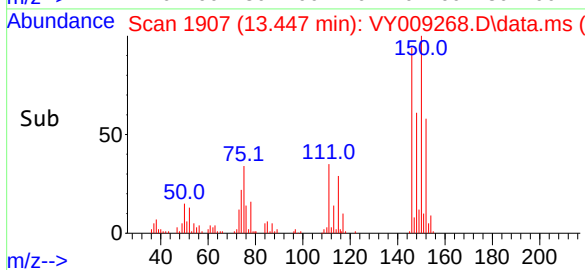
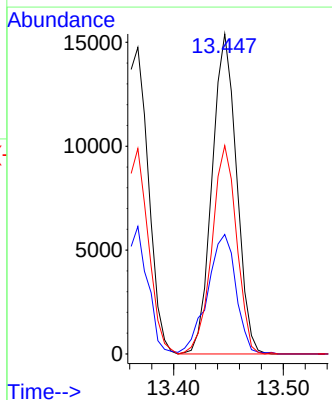
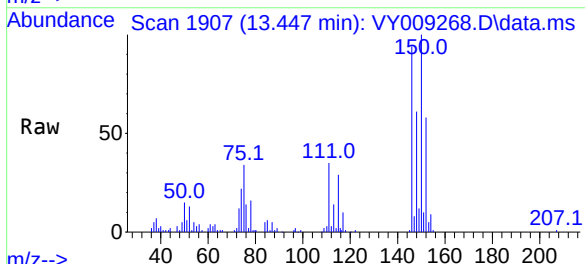
Tgt Ion:146 Resp: 23913

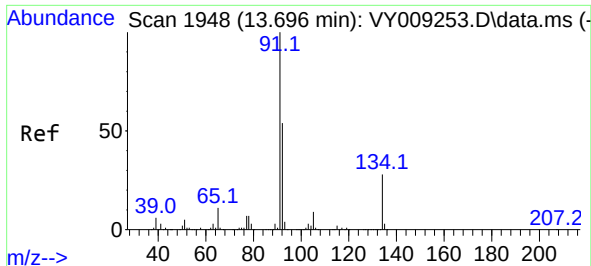
Ion Ratio Lower Upper

146 100

111 43.8 19.3 57.8

148 65.8 32.6 97.8





#89

n-Butylbenzene

Concen: 5.32 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

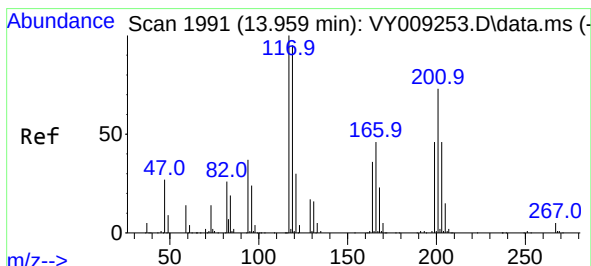
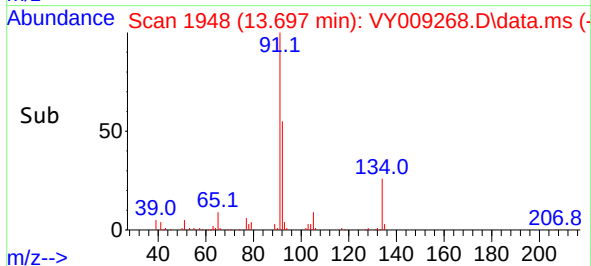
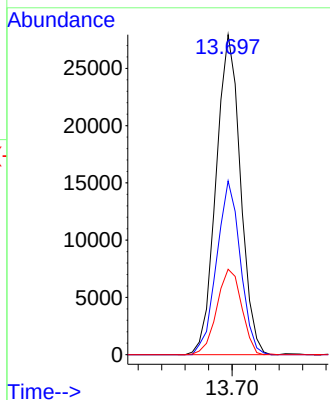
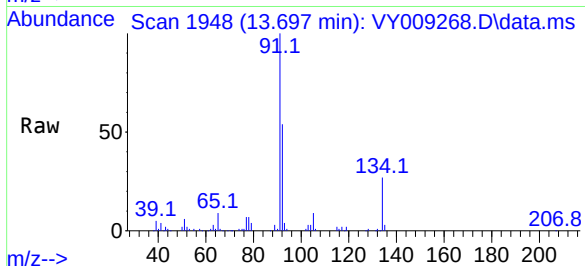
Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:	91	Resp:	40325
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.9
134	27.2	13.0	38.9



#90

Hexachloroethane

Concen: 5.12 ug/l

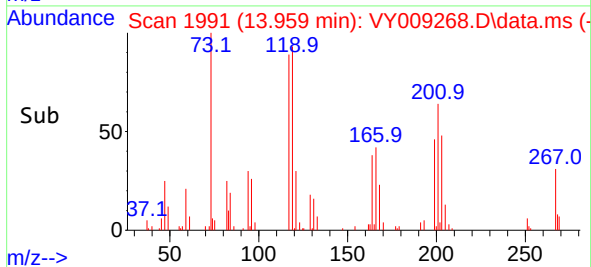
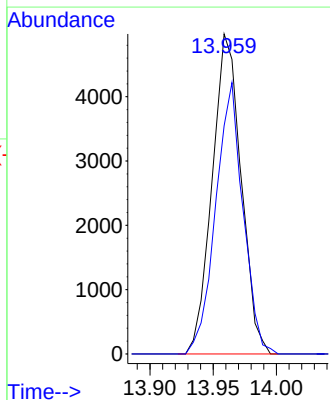
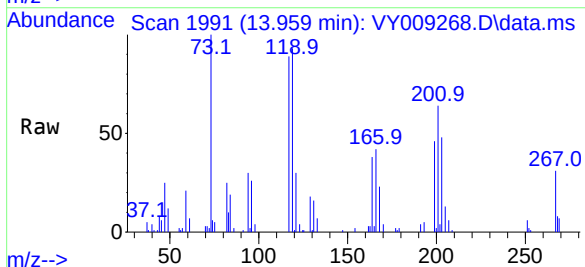
RT: 13.959 min Scan# 1991

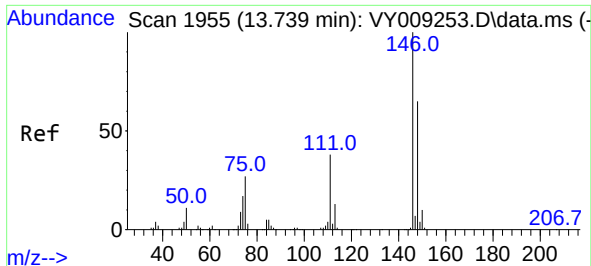
Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Tgt Ion:	117	Resp:	7909
Ion	Ratio	Lower	Upper
117	100		
201	80.1	43.0	128.8





#91

1,2-Dichlorobenzene

Concen: 5.57 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

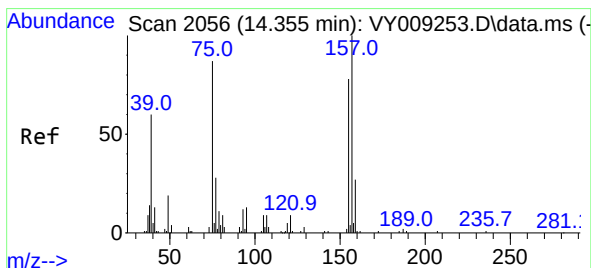
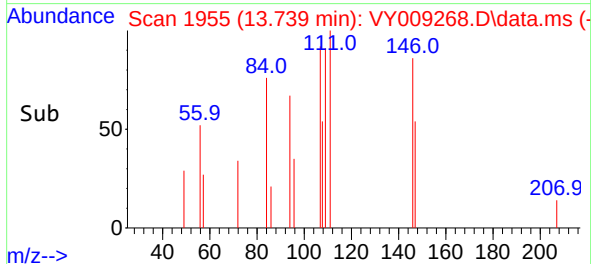
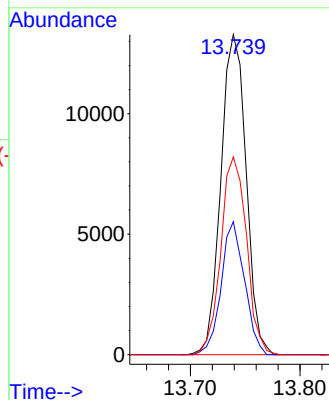
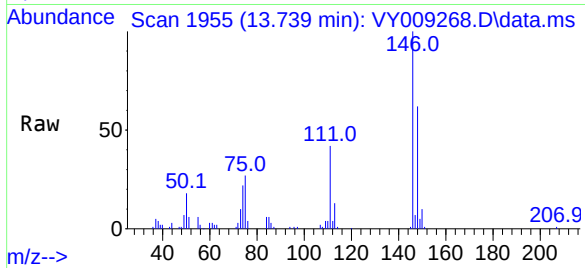
Tgt Ion:146 Resp: 21263

Ion Ratio Lower Upper

146 100

111 38.5 20.3 60.9

148 62.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.45 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

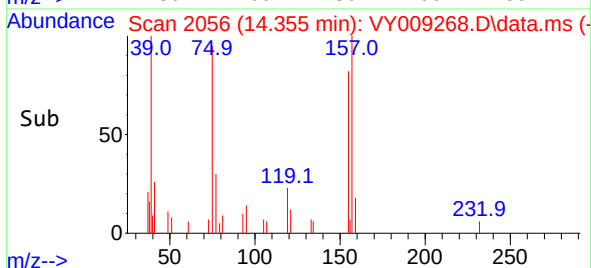
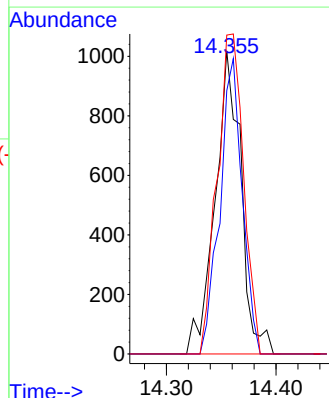
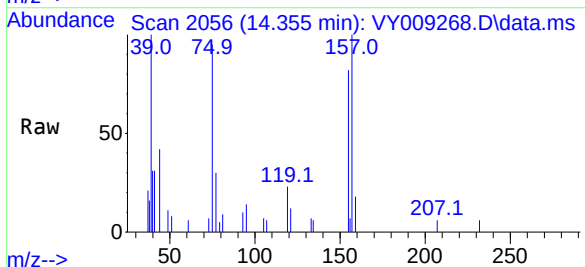
Tgt Ion: 75 Resp: 1669

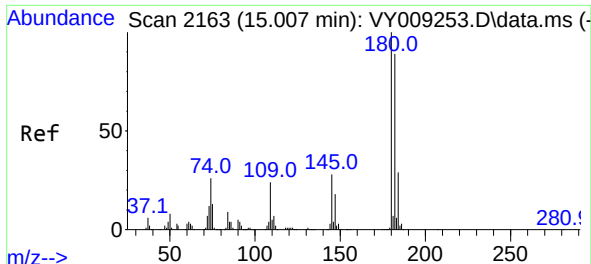
Ion Ratio Lower Upper

75 100

155 84.5 38.0 113.9

157 107.4 47.8 143.3

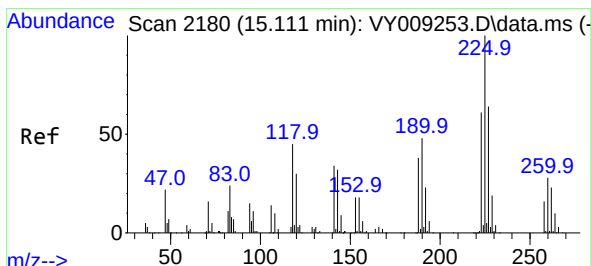
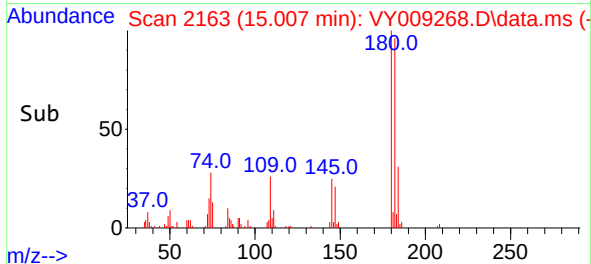
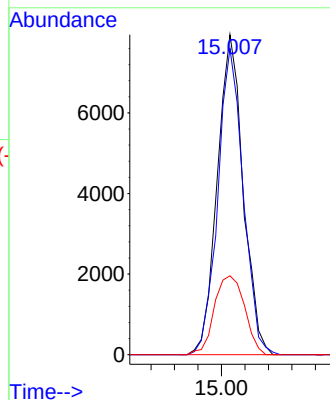
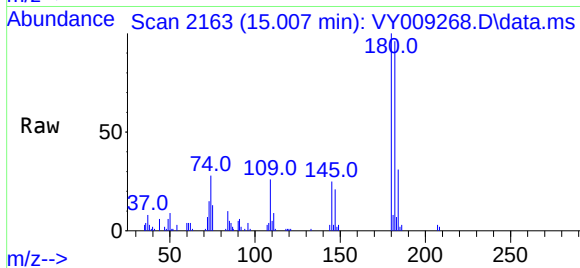




#93
1,2,4-Trichlorobenzene
Concen: 5.20 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

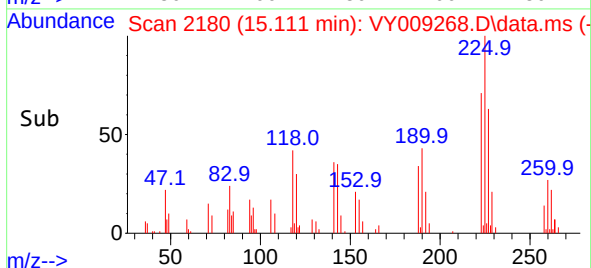
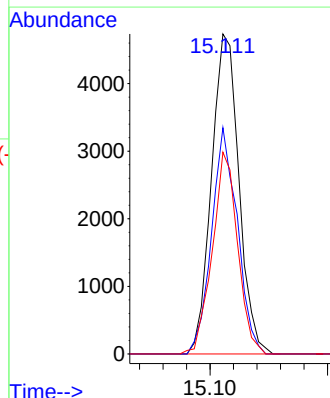
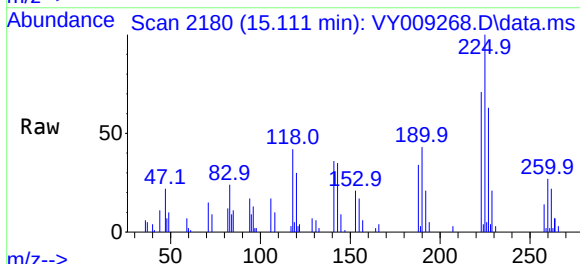
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

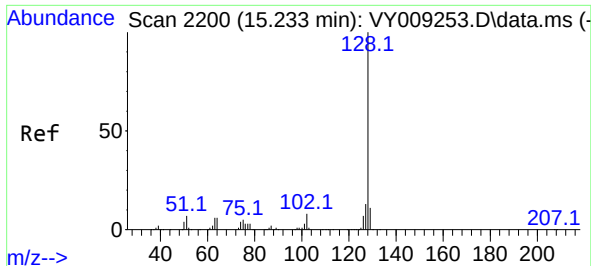
Tgt Ion:	180	Resp:	12125
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.3	141.9
145	28.9	14.6	43.8



#94
Hexachlorobutadiene
Concen: 6.10 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	225	Resp:	7658
Ion Ratio	Lower	Upper	
225	100		
223	66.4	30.8	92.3
227	58.3	31.6	94.7

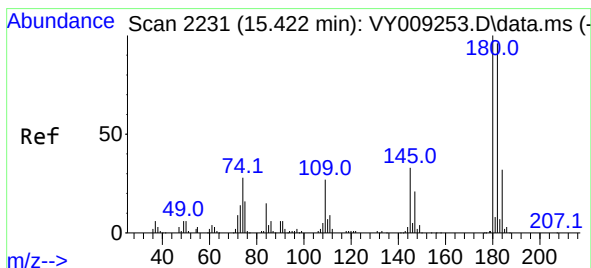
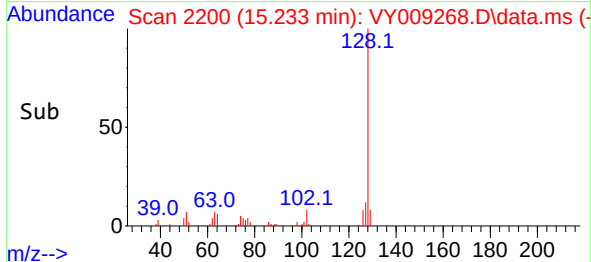
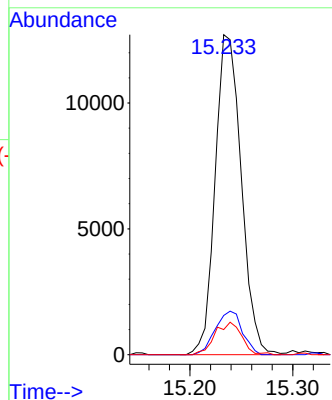
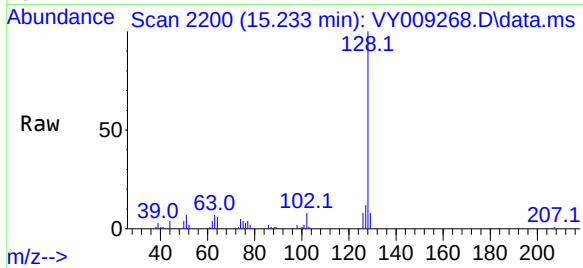




#95
Naphthalene
Concen: 4.78 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:	128	Resp:	22368
Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.0	16.4
129	10.5	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 5.23 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:	180	Resp:	10430
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	33.2	15.3	45.9

