

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010980.D
 Acq On : 17 Oct 2022 19:15
 Operator : KP/MD
 Sample : N4955-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Quant Time: Oct 18 01:47:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	272205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	457859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124742	49.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.500%
35) Dibromofluoromethane	7.710	113	125403	49.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.200%
50) Toluene-d8	10.179	98	459316	48.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.477	95	160305	47.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.320%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	9979	5.527	ug/l	93
3) Chloromethane	2.113	50	14766	5.700	ug/l	93
4) Vinyl Chloride	2.247	62	16661	5.675	ug/l	100
5) Bromomethane	2.644	94	12248	6.031	ug/l	95
6) Chloroethane	2.790	64	10903	5.557	ug/l	92
7) Trichlorofluoromethane	3.119	101	23361	5.436	ug/l	91
8) Diethyl Ether	3.521	74	8744	5.453	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	14757	5.475	ug/l	94
10) Methyl Iodide	4.082	142	16954	5.140	ug/l	92
11) Tert butyl alcohol	4.942	59	13859	30.003	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	14152	5.481	ug/l	92
13) Acrolein	3.729	56	10031	24.815	ug/l	98
14) Allyl chloride	4.472	41	21498	5.250	ug/l #	87
15) Acrylonitrile	5.155	53	22647	27.092	ug/l	97
16) Acetone	3.942	43	17861	24.529	ug/l #	84
17) Carbon Disulfide	4.186	76	44217	5.841	ug/l	99
18) Methyl Acetate	4.472	43	18004	6.328	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	37091	5.141	ug/l	100
20) Methylene Chloride	4.710	84	27704	2.762	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	15942	5.469	ug/l	91
22) Diisopropyl ether	6.112	45	45571	5.196	ug/l #	94
23) Vinyl Acetate	6.058	43	114067	21.751	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	28984	5.474	ug/l	99
25) 2-Butanone	6.984	43	28449	25.763	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	25381	5.398	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	17957	5.345	ug/l	93
28) Bromochloromethane	7.326	49	9613	8.283	ug/l	90
29) Tetrahydrofuran	7.344	42	18197	26.785	ug/l #	87
30) Chloroform	7.502	83	29414	5.511	ug/l	95
31) Cyclohexane	7.783	56	28990	6.042	ug/l #	70
32) 1,1,1-Trichloroethane	7.704	97	25094	5.349	ug/l	97
36) 1,1-Dichloropropene	7.911	75	23093	5.418	ug/l	100
37) Ethyl Acetate	7.070	43	12326	5.223	ug/l	96
38) Carbon Tetrachloride	7.893	117	22346	5.079	ug/l	92
39) Methylcyclohexane	9.179	83	26513	5.193	ug/l	95
40) Benzene	8.155	78	65929	5.272	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	16184	12.656	ug/l #	38
42) 1,2-Dichloroethane	8.228	62	18783	5.420	ug/l	92
43) Isopropyl Acetate	8.271	43	21270	5.045	ug/l #	89
44) Trichloroethene	8.935	130	17651	5.208	ug/l	94
45) 1,2-Dichloropropane	9.216	63	16550	5.216	ug/l	94
46) Dibromomethane	9.301	93	9350	5.283	ug/l	96
47) Bromodichloromethane	9.496	83	21666	5.080	ug/l	96
48) Methyl methacrylate	9.289	41	9297	4.927	ug/l #	80
49) 1,4-Dioxane	9.295	88	2428	95.487	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	57772	24.570	ug/l	89
52) Toluene	10.240	92	41421	5.331	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	21992	4.964	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	25449	5.019	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	13529	5.299	ug/l	96
56) Ethyl methacrylate	10.508	69	16281	4.801	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	22970	5.233	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	38008	38.078	ug/l	98
59) 2-Hexanone	10.831	43	37243	23.058	ug/l	86
60) Dibromochloromethane	10.983	129	15407	5.075	ug/l	100
61) 1,2-Dibromoethane	11.087	107	12760	5.219	ug/l	98
64) Tetrachloroethene	10.721	164	17057	5.361	ug/l	96
65) Chlorobenzene	11.514	112	43941	5.237	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	16016	5.157	ug/l	96
67) Ethyl Benzene	11.593	91	74328	5.007	ug/l	99
68) m/p-Xylenes	11.703	106	56990	9.980	ug/l	95
69) o-Xylene	12.026	106	27346	5.043	ug/l	92
70) Styrene	12.044	104	44207	4.811	ug/l	95
71) Bromoform	12.203	173	9904	5.167	ug/l #	94
73) Isopropylbenzene	12.325	105	70523	4.887	ug/l	99
74) N-amyl acetate	12.142	43	16196	4.424	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	15895	5.249	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	20713	9.186	ug/l #	100
77) Bromobenzene	12.605	156	17165	5.089	ug/l	98
78) n-propylbenzene	12.666	91	89112	5.076	ug/l	99
79) 2-Chlorotoluene	12.751	91	51355	5.194	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	60495	5.025	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	5104	4.868	ug/l #	85
82) 4-Chlorotoluene	12.855	91	53256	5.173	ug/l	99
83) tert-Butylbenzene	13.075	119	51771	4.973	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	58376	4.917	ug/l	98
85) sec-Butylbenzene	13.251	105	77521	4.955	ug/l	99
86) p-Isopropyltoluene	13.367	119	64087	4.938	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	35210	5.231	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	36479	5.450	ug/l	96
89) n-Butylbenzene	13.696	91	60933	5.024	ug/l	100
90) Hexachloroethane	13.959	117	13620	5.318	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	31189	5.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2593	5.179	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	18509	5.142	ug/l	98
94) Hexachlorobutadiene	15.111	225	11560	5.456	ug/l	98
95) Naphthalene	15.233	128	32908	4.489	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	15722	5.007	ug/l	97

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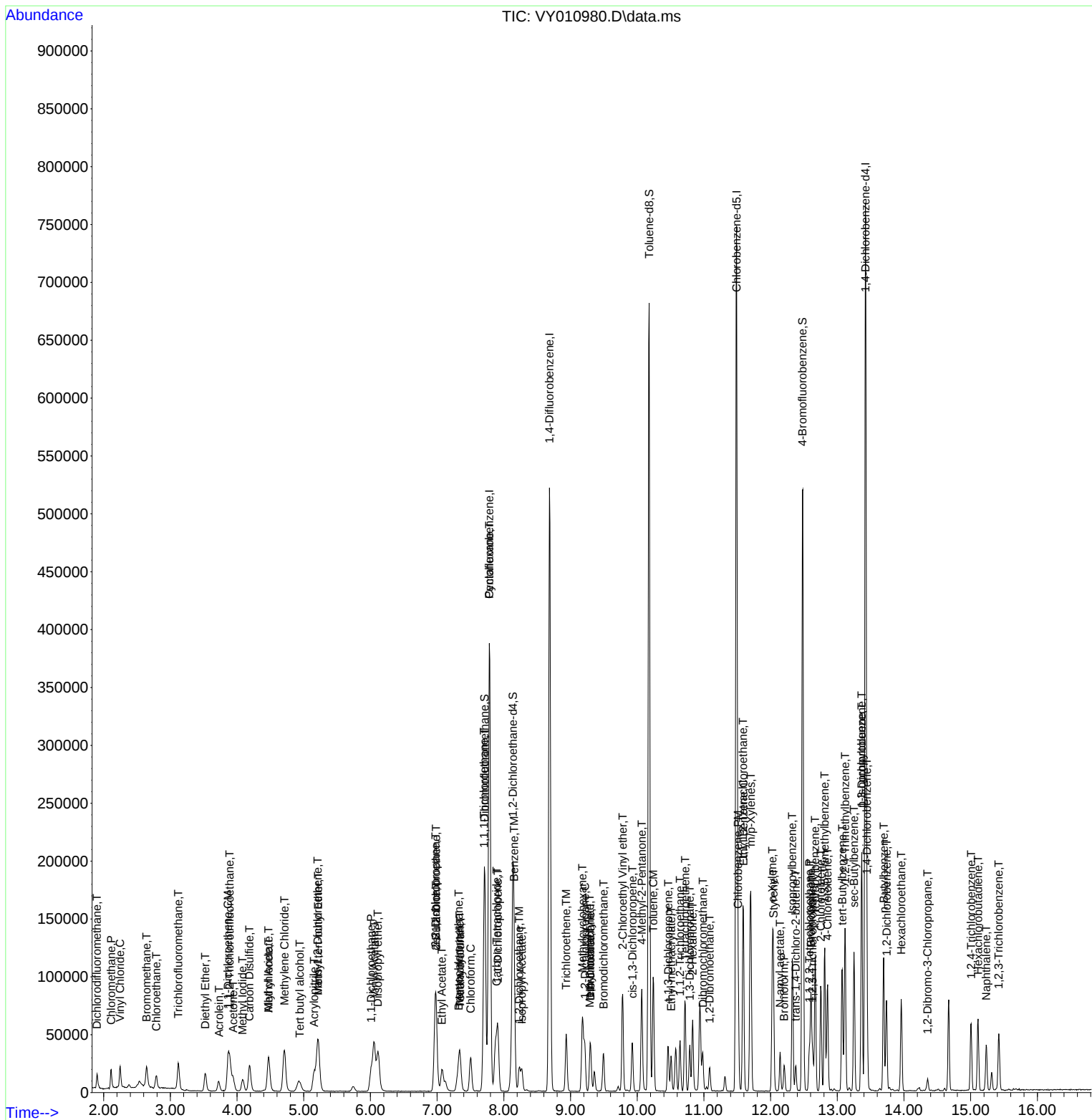
Instrument :
MSVOA_Y
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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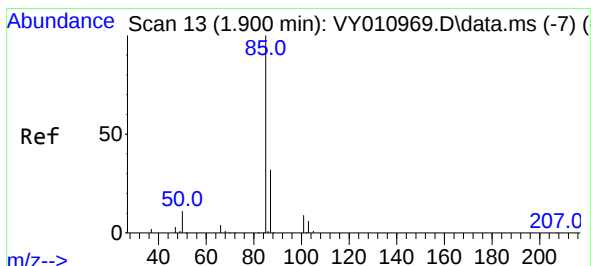
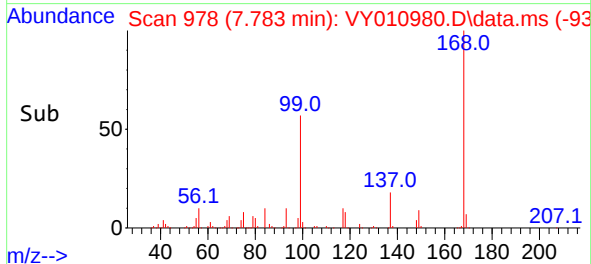
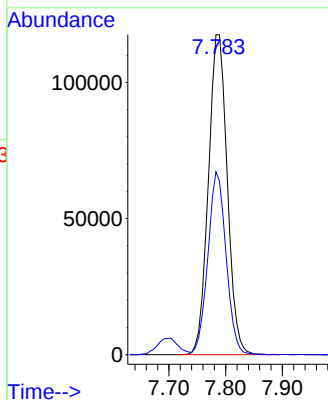
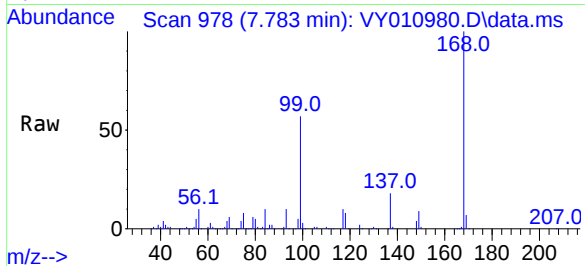




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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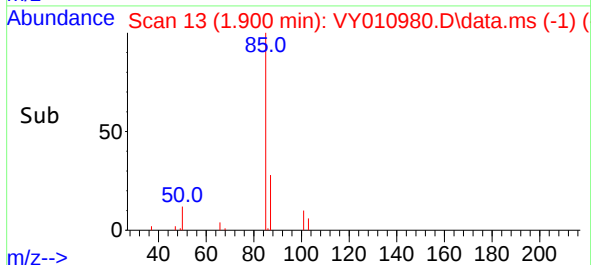
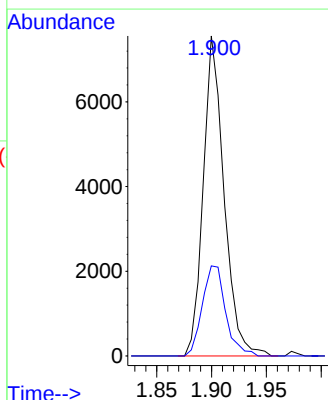
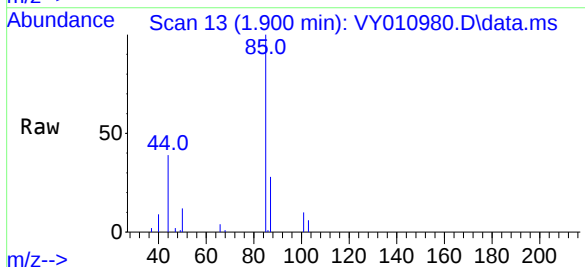
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Tgt Ion:168 Resp: 272205
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3

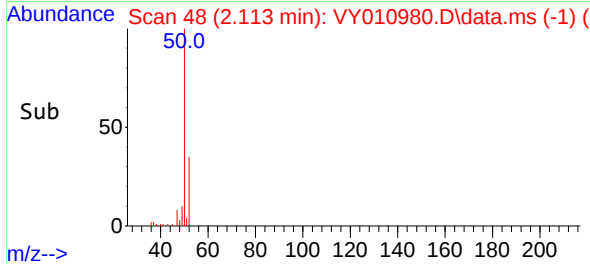
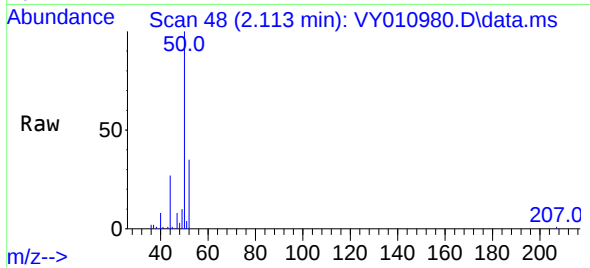
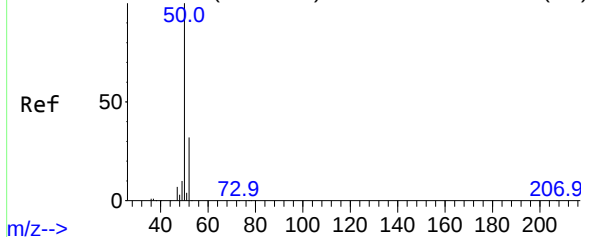


#2
Dichlorodifluoromethane
Concen: 5.527 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 85 Resp: 9979
Ion Ratio Lower Upper
85 100
87 28.1 16.1 48.2



Abundance Scan 48 (2.113 min): VY010969.D\data.ms (-40)



#3

Chloromethane

Concen: 5.700 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

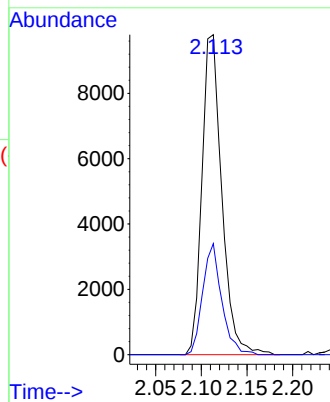
LOQ-SOIL-02-QT4-2022

Tgt Ion: 50 Resp: 14766

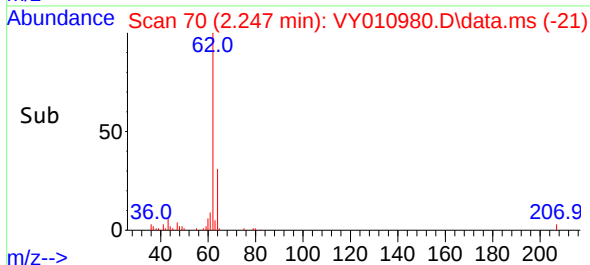
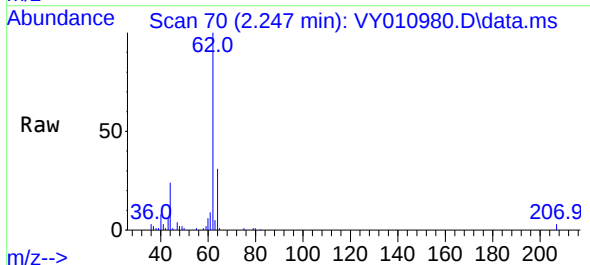
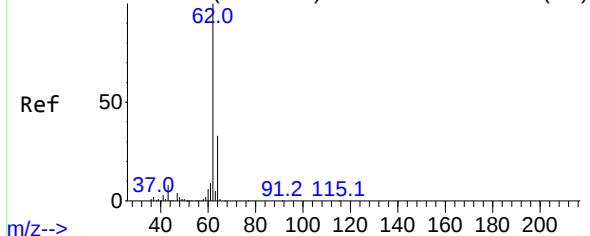
Ion Ratio Lower Upper

50 100

52 34.7 24.6 37.0



Abundance Scan 70 (2.247 min): VY010969.D\data.ms (-61)



#4

Vinyl Chloride

Concen: 5.675 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY010980.D

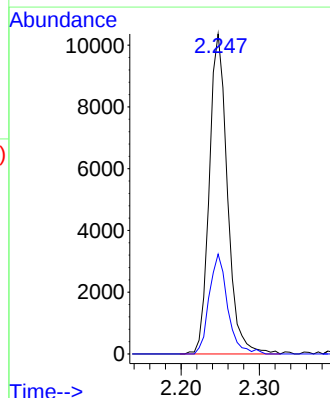
Acq: 17 Oct 2022 19:15

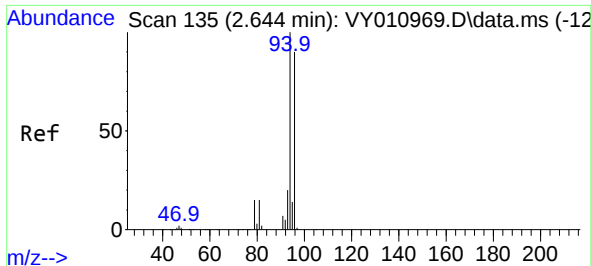
Tgt Ion: 62 Resp: 16661

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.6

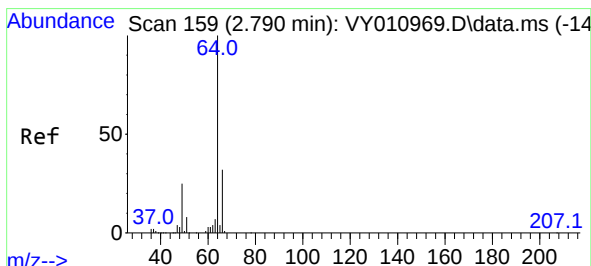
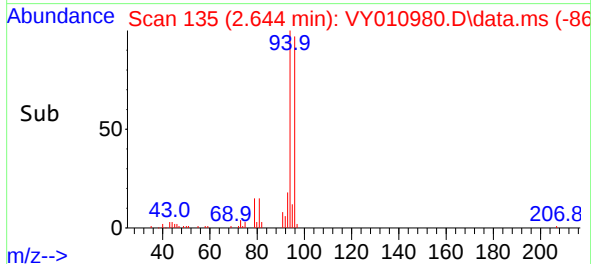
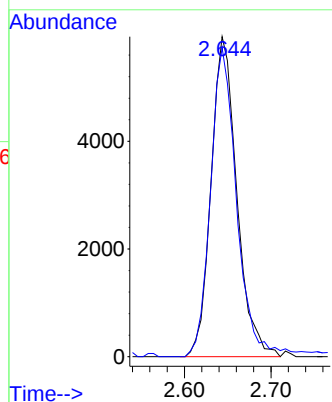
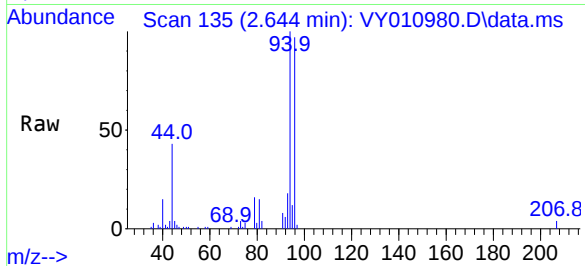




#5
Bromomethane
Concen: 6.031 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

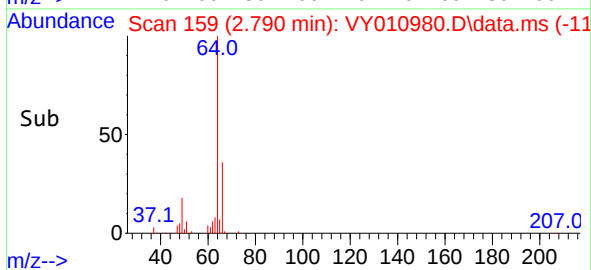
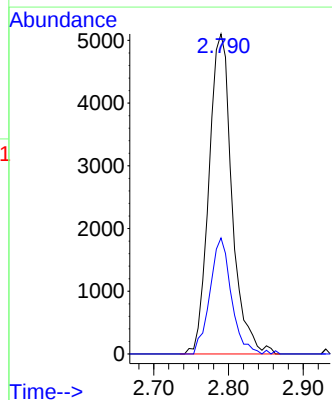
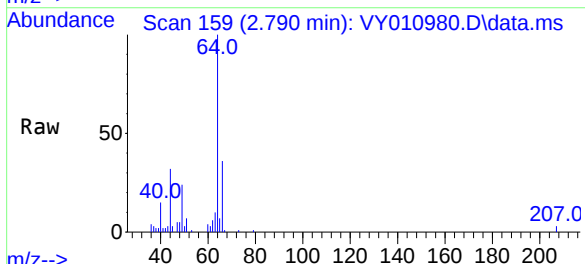
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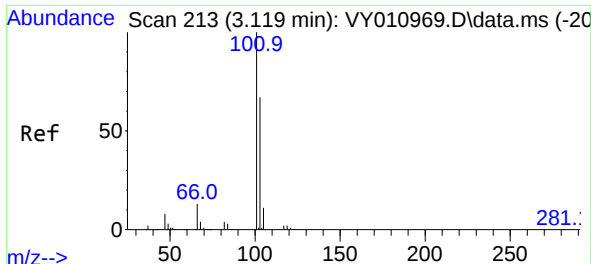
Tgt Ion: 94 Resp: 12248
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3



#6
Chloroethane
Concen: 5.557 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 64 Resp: 10903
Ion Ratio Lower Upper
64 100
66 36.2 25.4 38.0

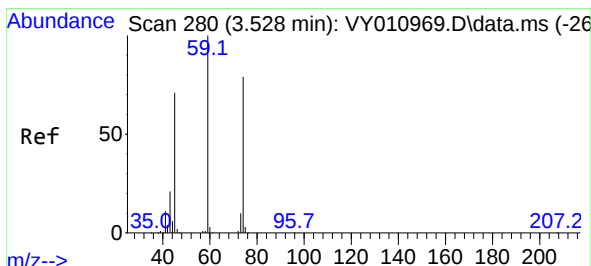
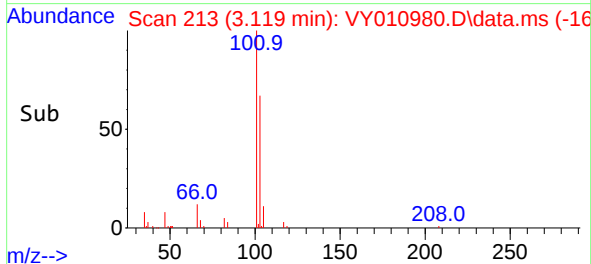
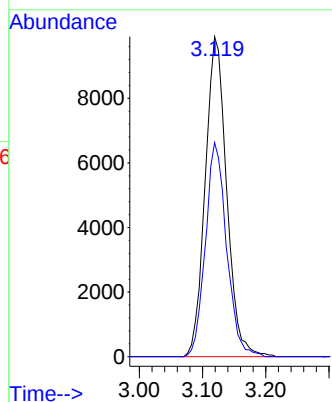
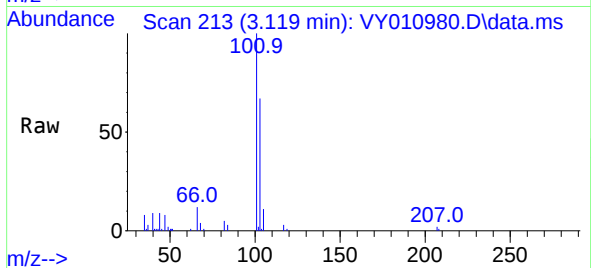




#7
Trichlorofluoromethane
Concen: 5.436 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

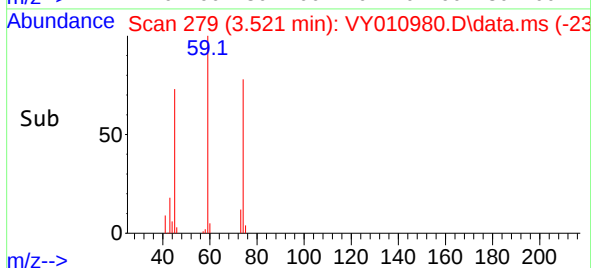
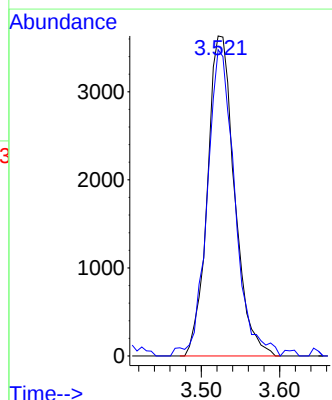
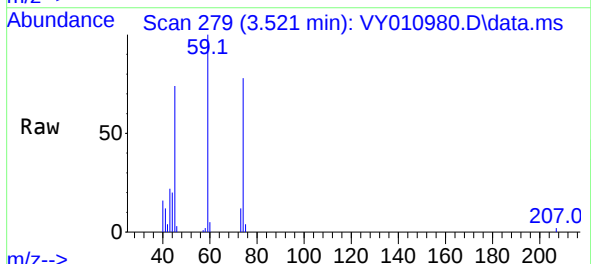
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT4-2022

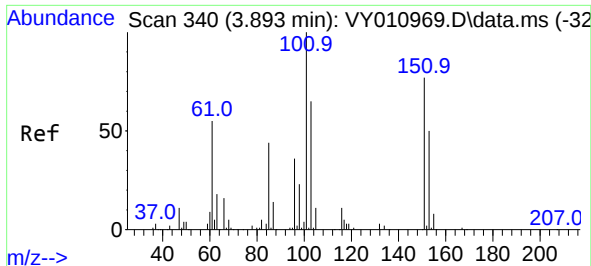
Tgt Ion:101 Resp: 23361
Ion Ratio Lower Upper
101 100
103 66.9 48.0 72.0



#8
Diethyl Ether
Concen: 5.453 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 74 Resp: 8744
Ion Ratio Lower Upper
74 100
45 97.7 55.1 165.5

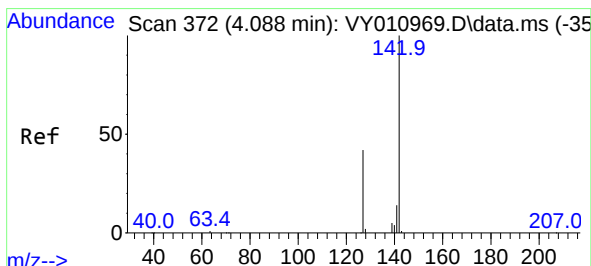
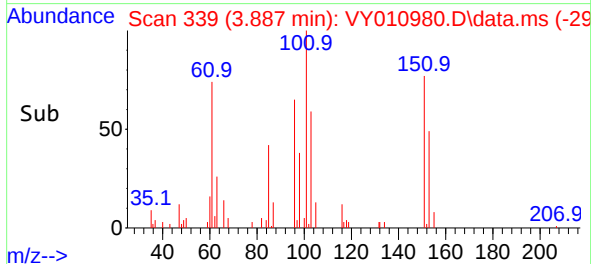
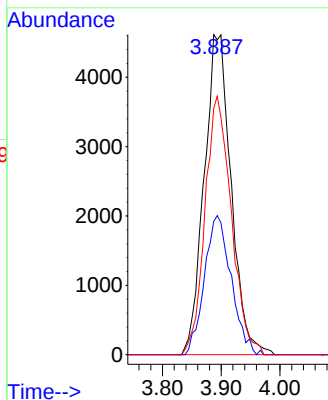
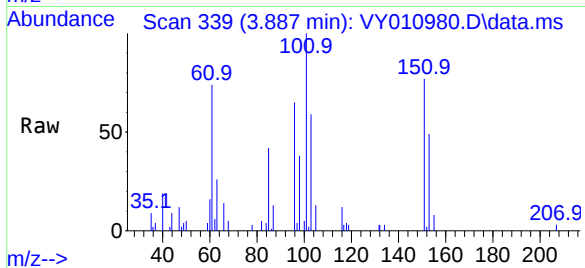




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.475 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

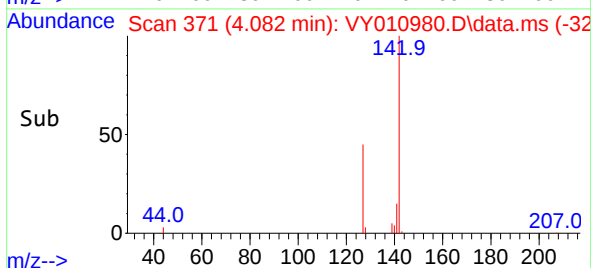
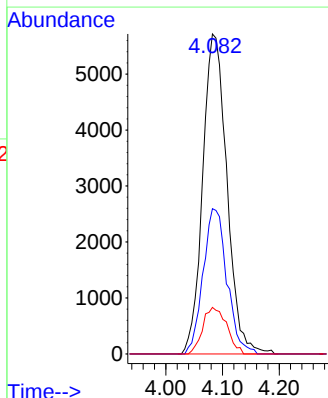
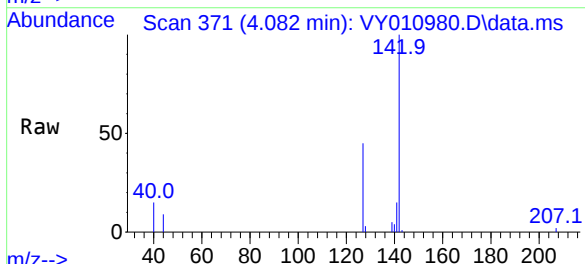
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

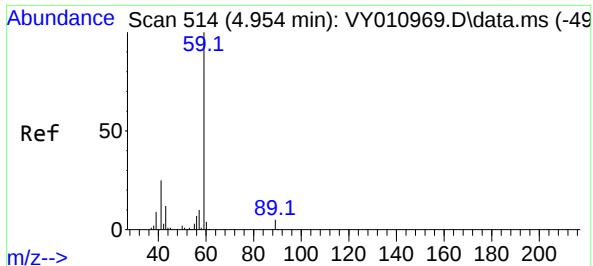
Tgt Ion:	101	Resp:	14757
Ion	Ratio	Lower	Upper
101	100		
85	42.9	40.6	60.8
151	78.6	64.9	97.3



#10
Methyl Iodide
Concen: 5.140 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	142	Resp:	16954
Ion	Ratio	Lower	Upper
142	100		
127	44.7	41.5	62.3
141	14.4	11.9	17.9





#11

Tert butyl alcohol

Concen: 30.003 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

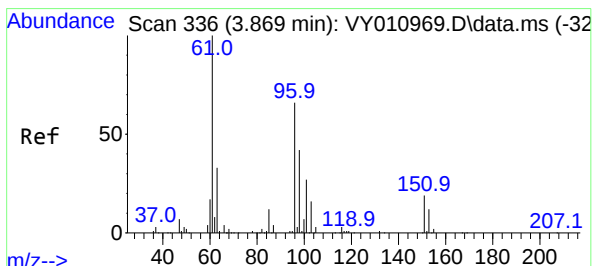
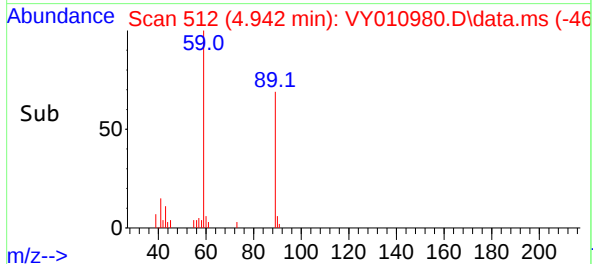
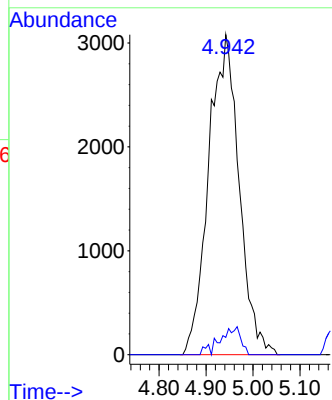
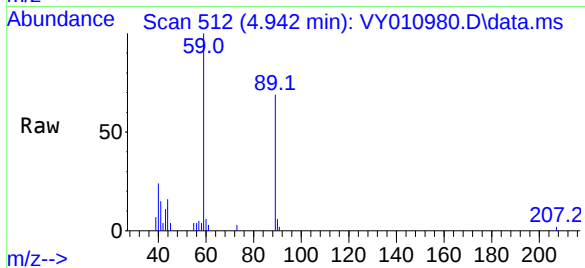
LOQ-SOIL-02-QT4-2022

Tgt Ion: 59 Resp: 13859

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 5.481 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

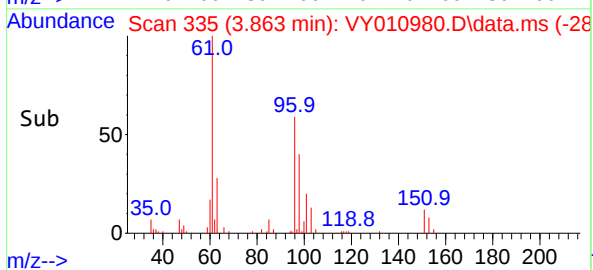
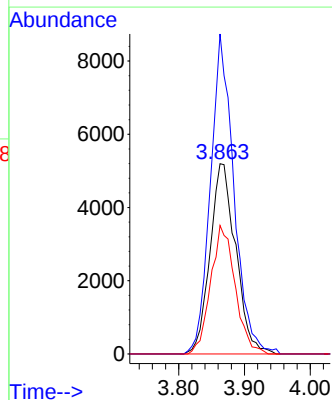
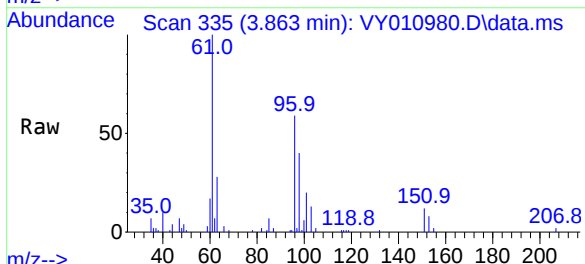
Tgt Ion: 96 Resp: 14152

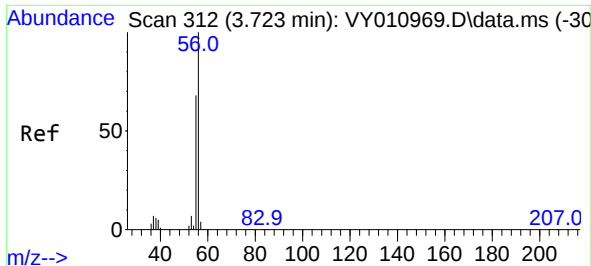
Ion Ratio Lower Upper

96 100

61 168.2 145.8 218.6

98 67.5 52.5 78.7

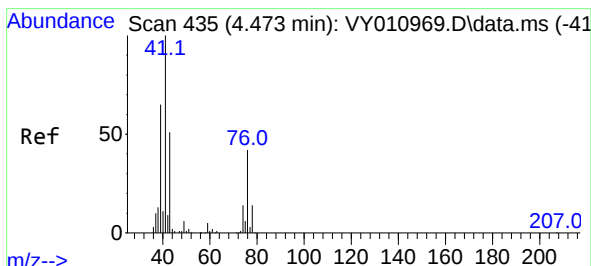
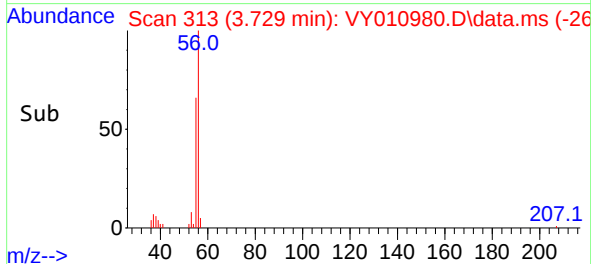
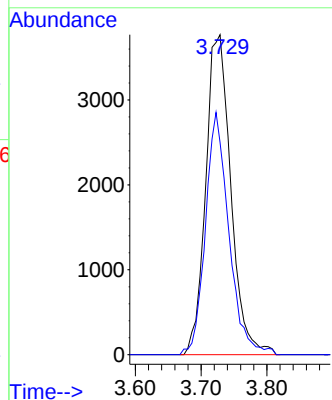
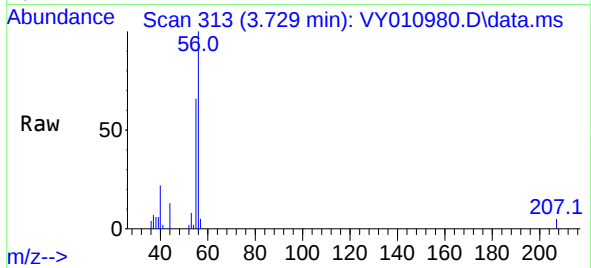




#13
Acrolein
Concen: 24.815 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

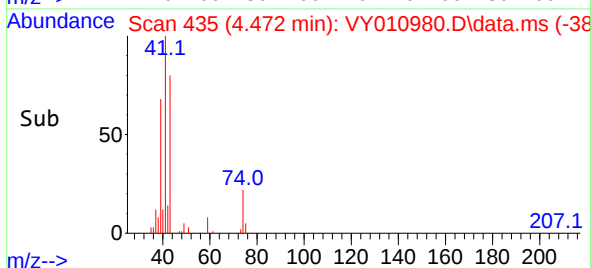
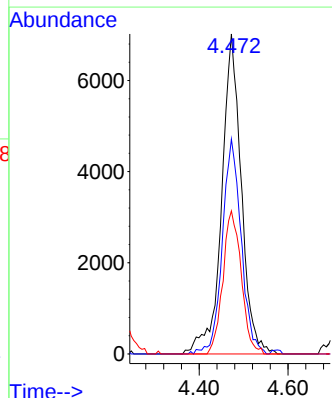
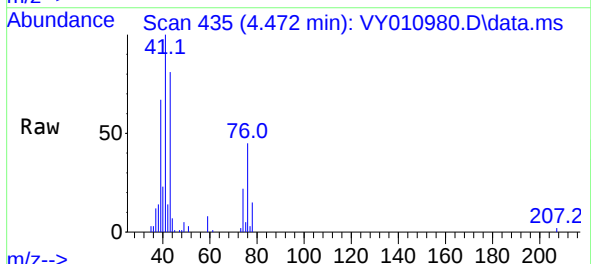
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

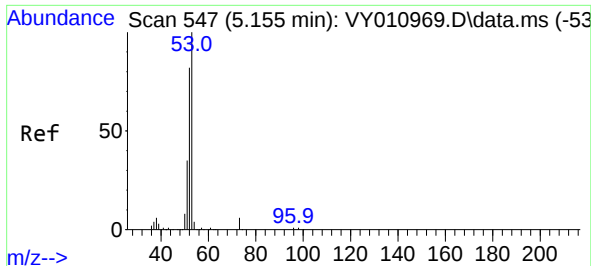
Tgt Ion: 56 Resp: 10031
Ion Ratio Lower Upper
56 100
55 70.6 57.6 86.4



#14
Allyl chloride
Concen: 5.250 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 41 Resp: 21498
Ion Ratio Lower Upper
41 100
39 64.3 58.8 88.2
76 41.8 25.1 37.7#

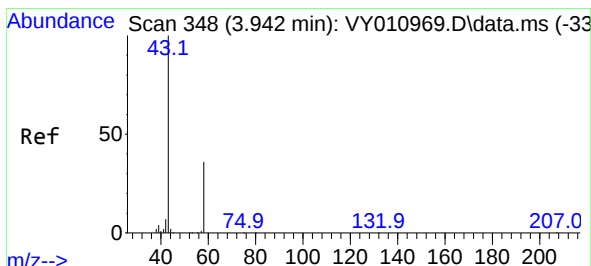
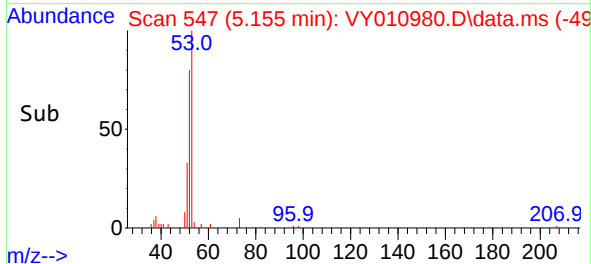
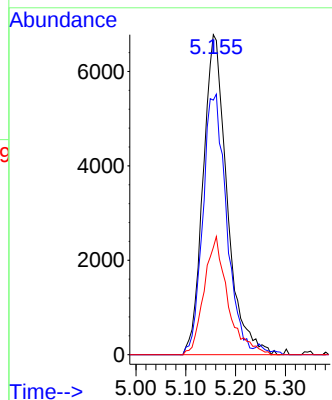
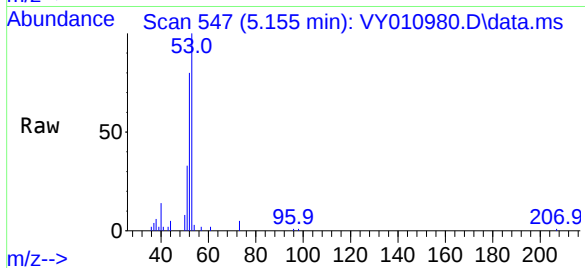




#15
Acrylonitrile
Concen: 27.092 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

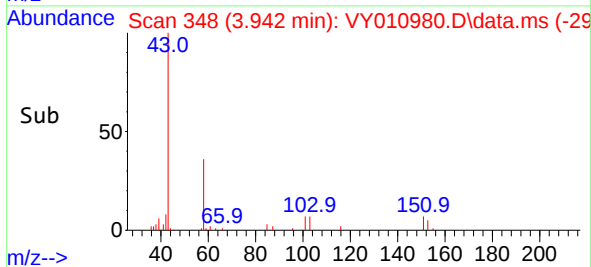
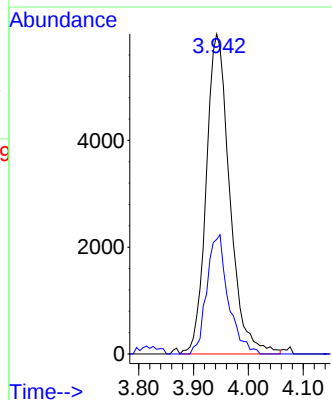
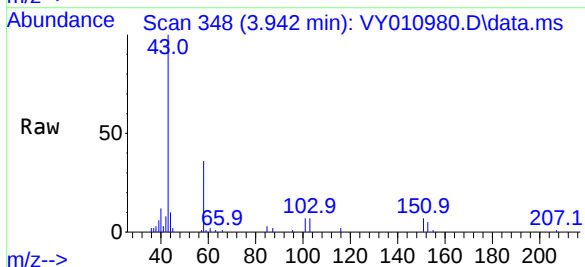
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

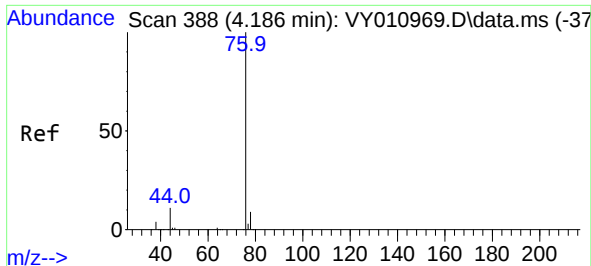
Tgt Ion:	53	Resp:	22647
Ion	Ratio	Lower	Upper
53	100		
52	80.4	67.0	100.4
51	36.7	29.8	44.6



#16
Acetone
Concen: 24.529 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	43	Resp:	17861
Ion	Ratio	Lower	Upper
43	100		
58	35.8	22.0	33.0#

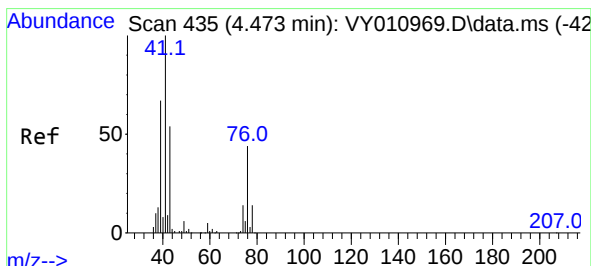
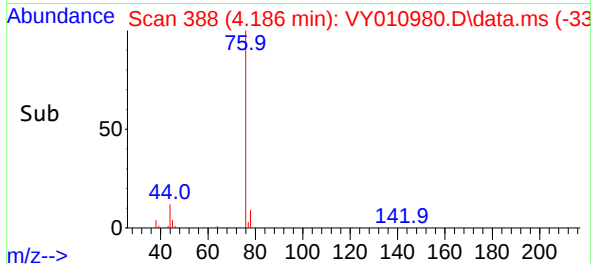
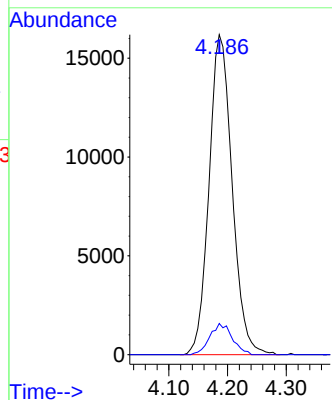
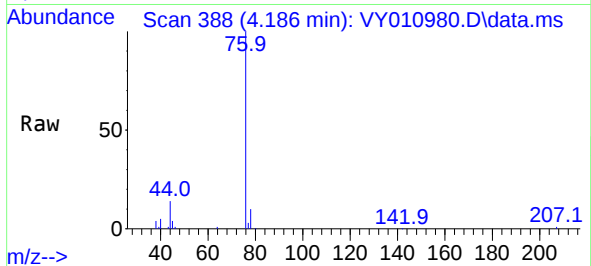




#17
Carbon Disulfide
Concen: 5.841 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

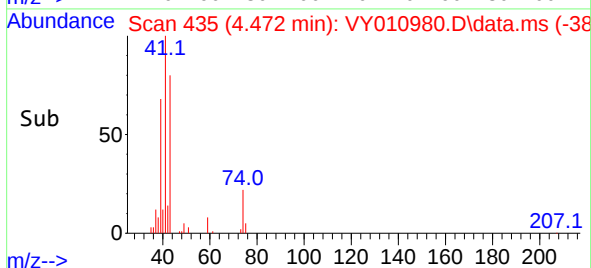
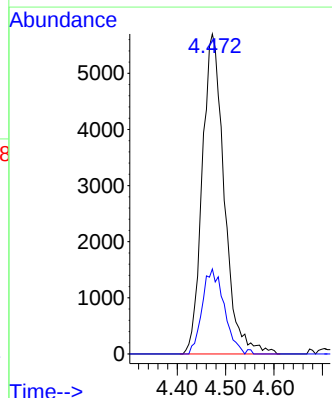
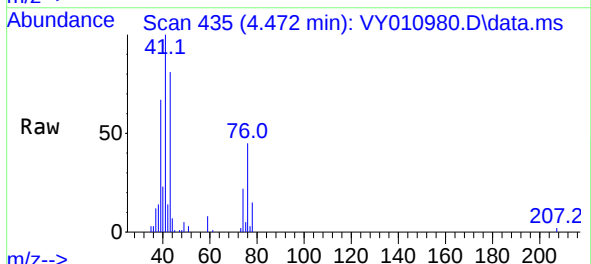
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

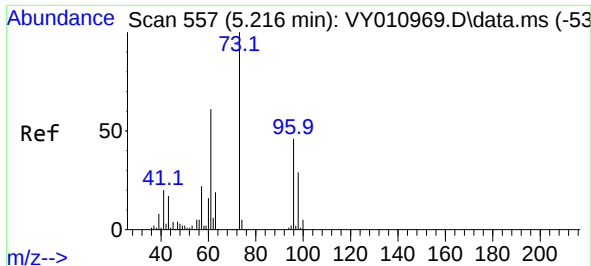
Tgt Ion: 76 Resp: 44217
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 6.328 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 43 Resp: 18004
Ion Ratio Lower Upper
43 100
74 26.3 16.6 24.8#

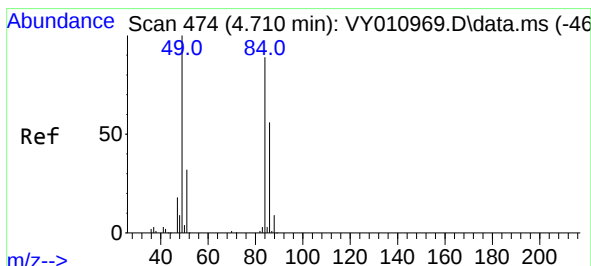
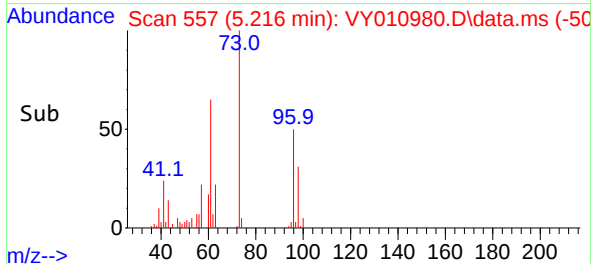
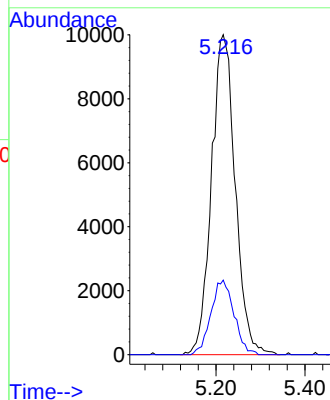
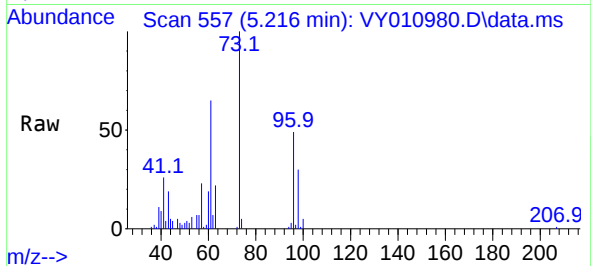




#19
Methyl tert-butyl Ether
Concen: 5.141 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

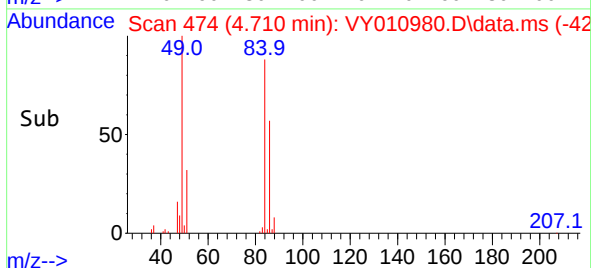
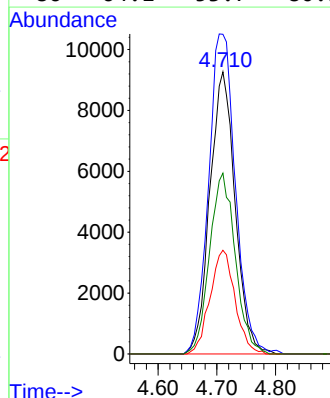
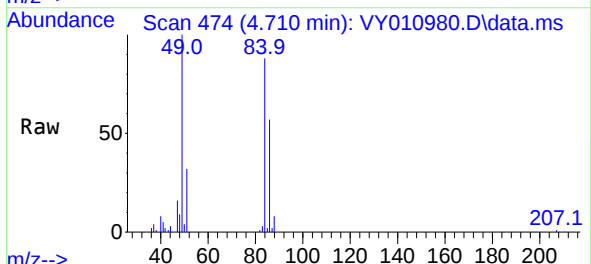
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

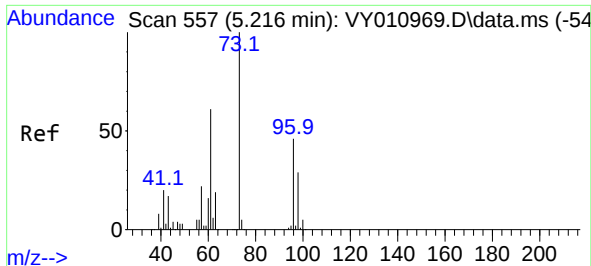
Tgt Ion: 73 Resp: 37091
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8



#20
Methylene Chloride
Concen: 2.762 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 84 Resp: 27704
Ion Ratio Lower Upper
84 100
49 113.3 114.4 171.6#
51 36.8 35.3 52.9
86 64.1 53.7 80.5

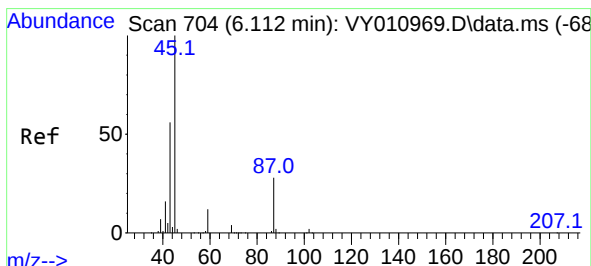
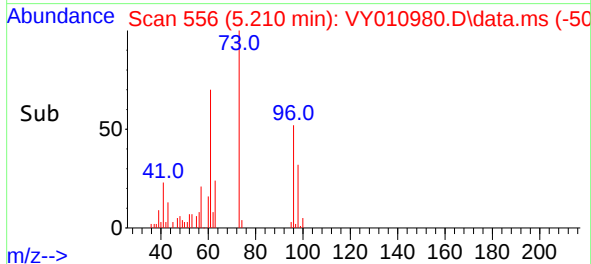
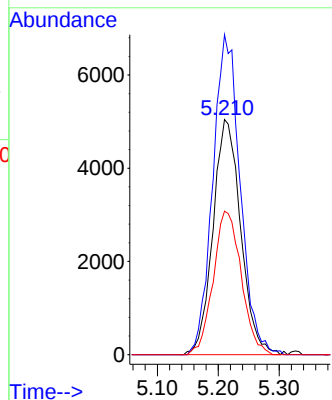
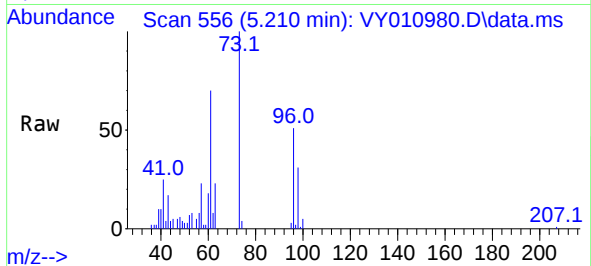




#21
trans-1,2-Dichloroethene
Concen: 5.469 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

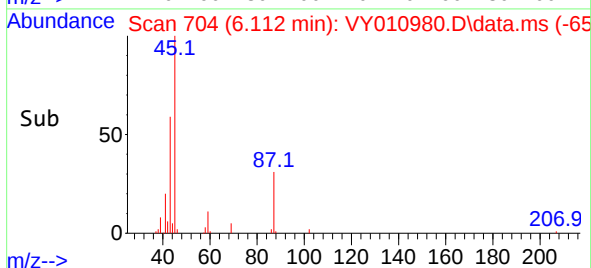
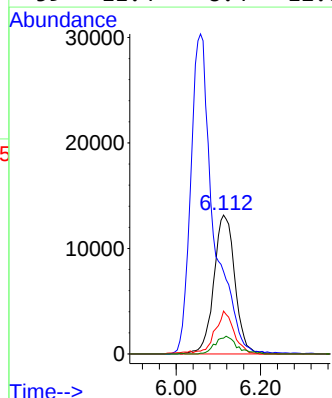
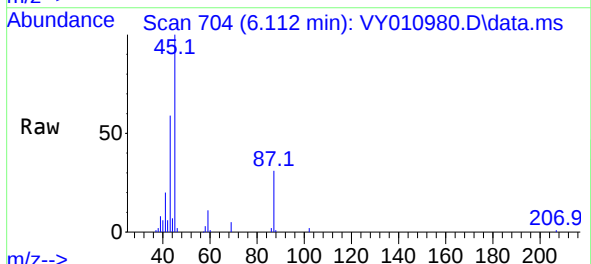
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

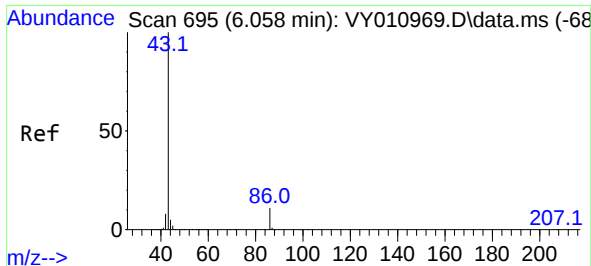
Tgt Ion: 96 Resp: 15942
Ion Ratio Lower Upper
96 100
61 136.1 120.5 180.7
98 61.1 49.8 74.8



#22
Diisopropyl ether
Concen: 5.196 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 45 Resp: 45571
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 30.8 19.2 28.8#
59 11.4 8.4 12.6

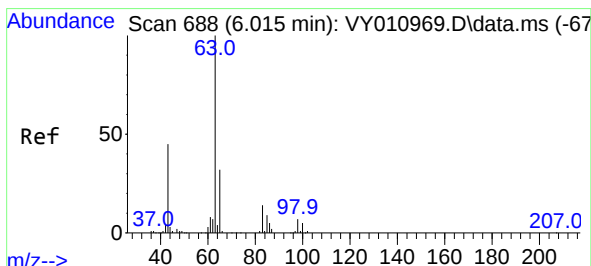
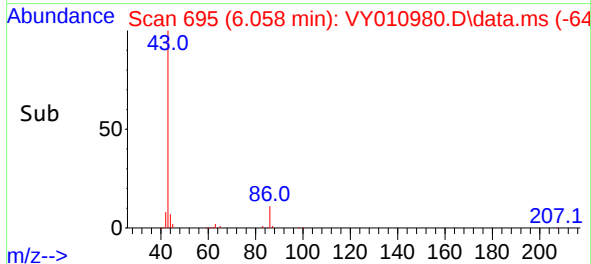
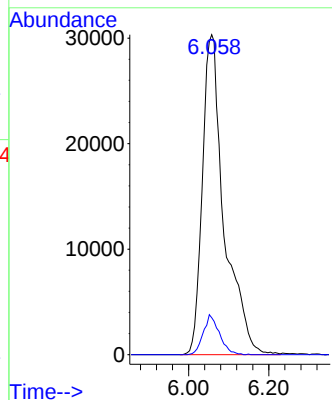
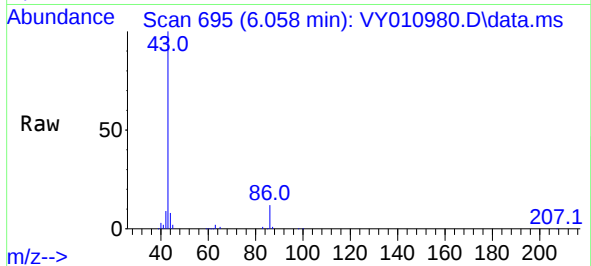




#23
 Vinyl Acetate
 Concen: 21.751 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY010980.D
 Acq: 17 Oct 2022 19:15

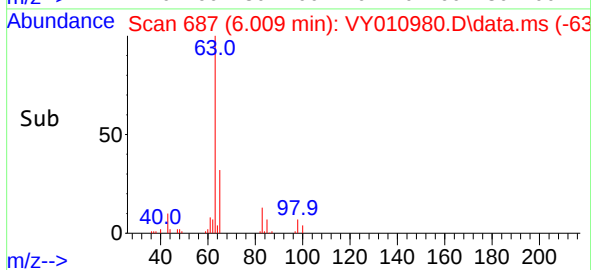
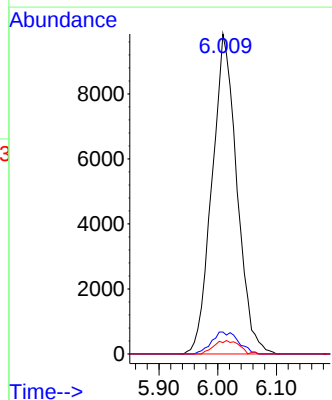
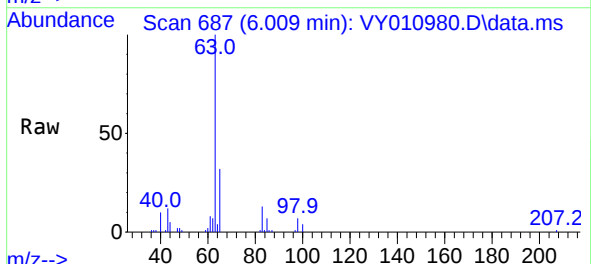
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

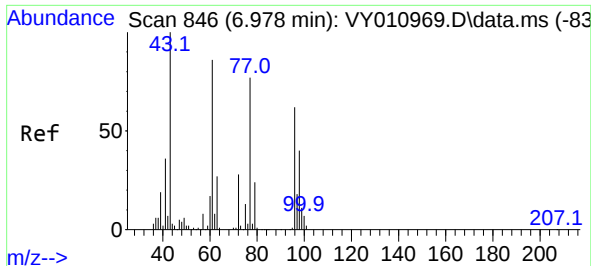
Tgt Ion: 43 Resp: 114067
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.474 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY010980.D
 Acq: 17 Oct 2022 19:15

Tgt Ion: 63 Resp: 28984
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 3.5 2.0 5.8

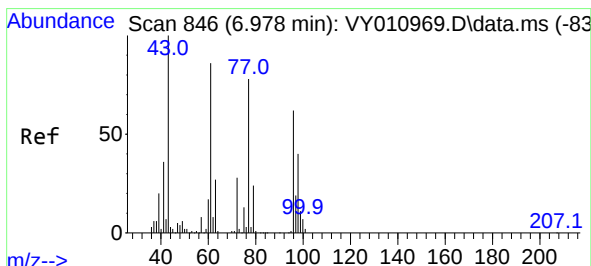
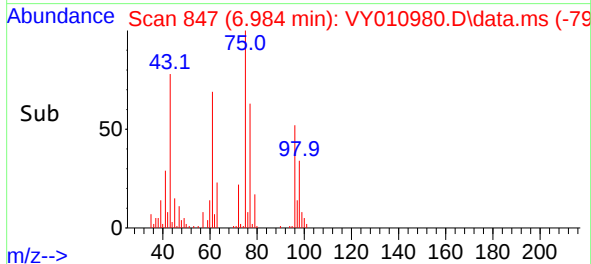
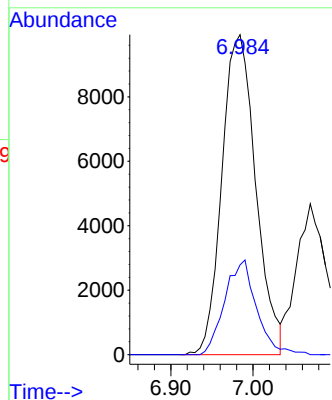
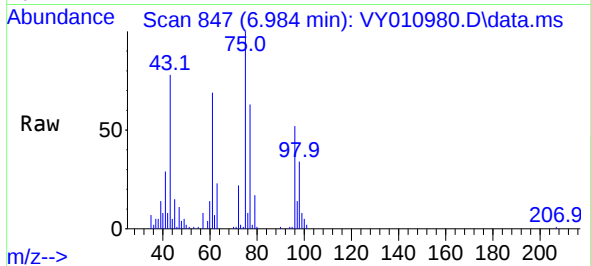




#25
2-Butanone
Concen: 25.763 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

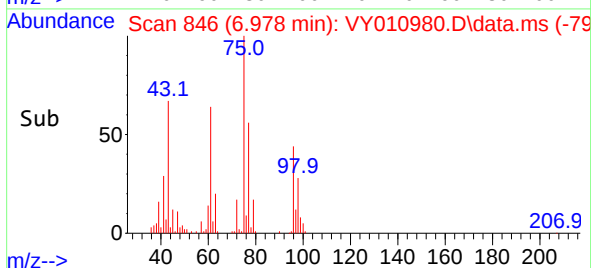
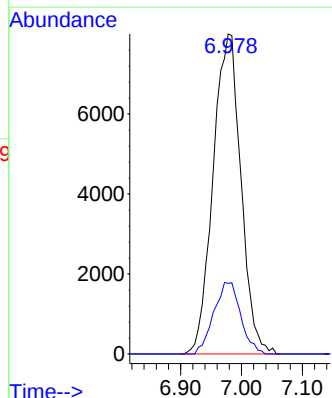
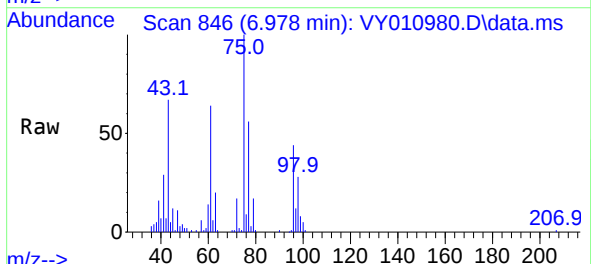
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

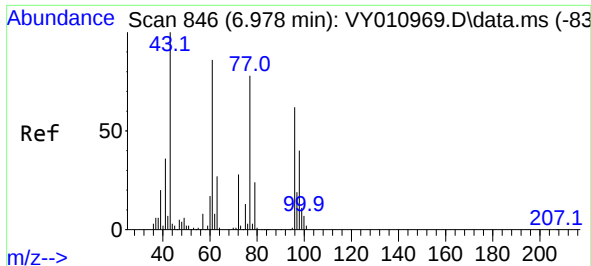
Tgt Ion: 43 Resp: 28449
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 5.398 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 77 Resp: 25381
Ion Ratio Lower Upper
77 100
97 21.6 10.4 31.4

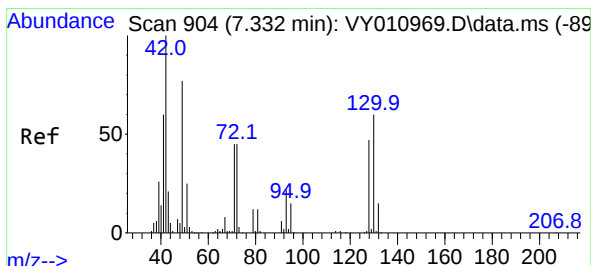
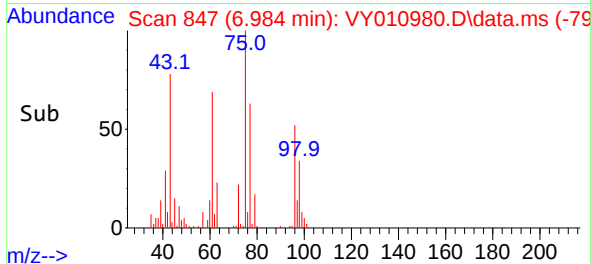
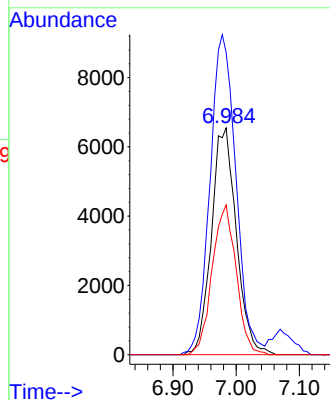
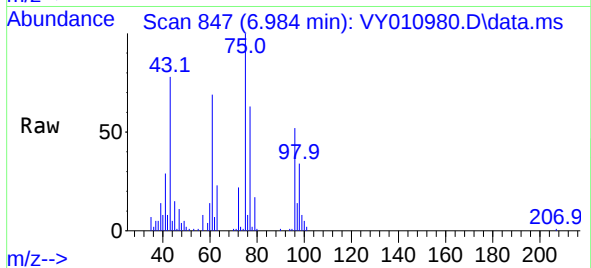




#27
 cis-1,2-Dichloroethene
 Concen: 5.345 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY010980.D
 Acq: 17 Oct 2022 19:15

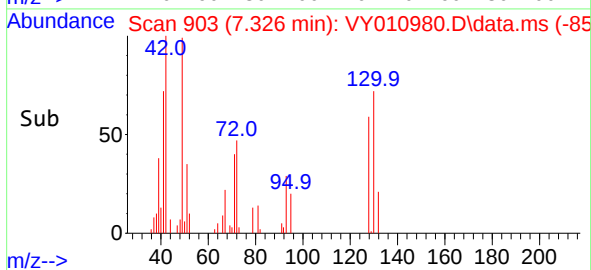
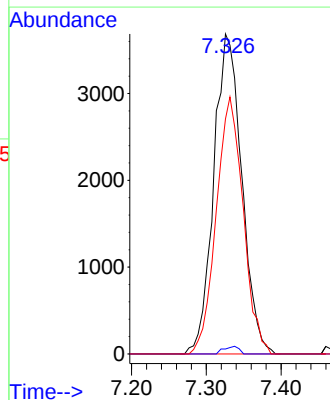
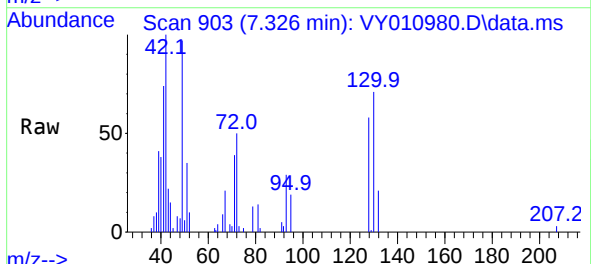
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

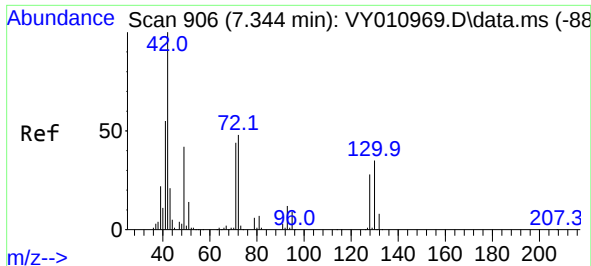
Tgt Ion:	96	Resp:	17957
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	319.8
98	63.5	0.0	127.0



#28
 Bromochloromethane
 Concen: 8.283 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY010980.D
 Acq: 17 Oct 2022 19:15

Tgt Ion:	49	Resp:	9613
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	77.1	55.4	83.0





#29

Tetrahydrofuran

Concen: 26.785 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT4-2022

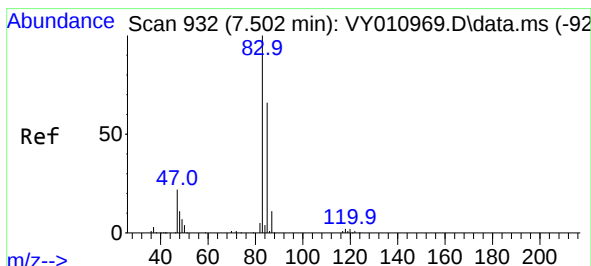
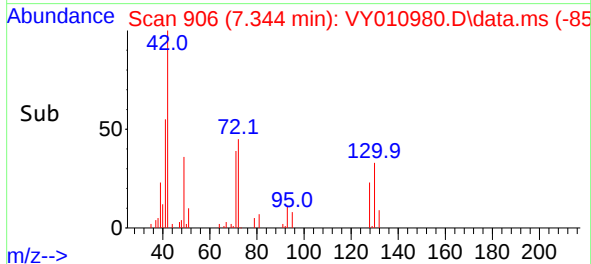
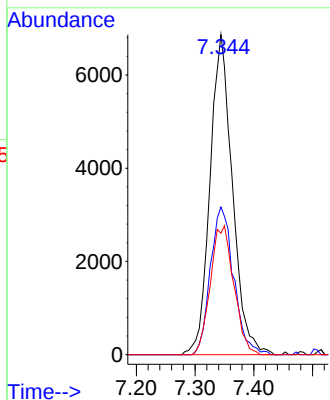
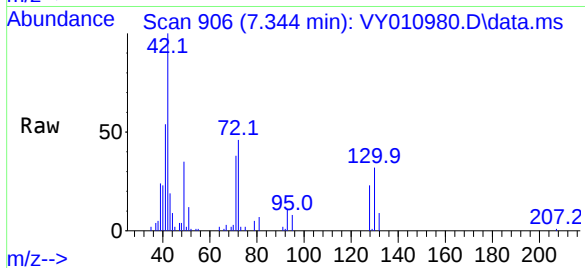
Tgt Ion: 42 Resp: 18197

Ion Ratio Lower Upper

42 100

72 47.9 30.3 45.5#

71 42.1 29.0 43.4



#30

Chloroform

Concen: 5.511 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010980.D

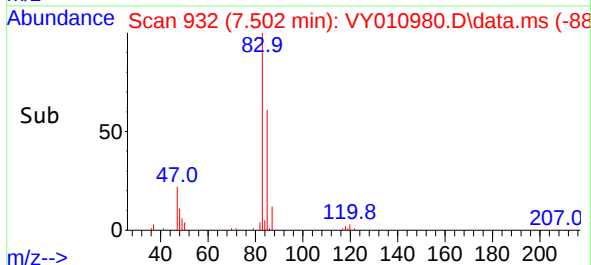
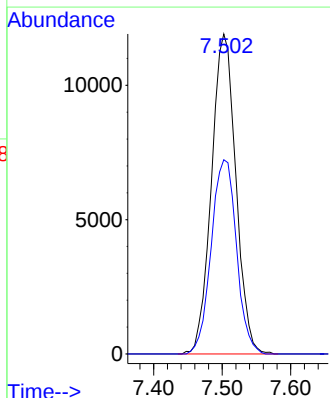
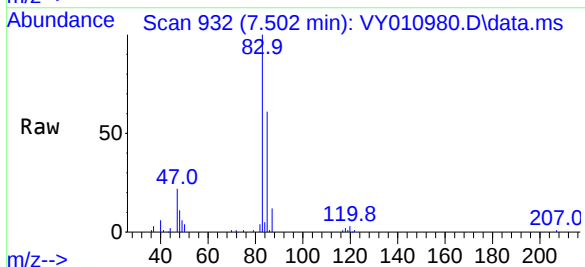
Acq: 17 Oct 2022 19:15

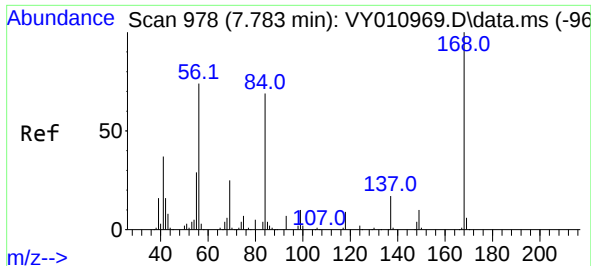
Tgt Ion: 83 Resp: 29414

Ion Ratio Lower Upper

83 100

85 60.7 51.8 77.6

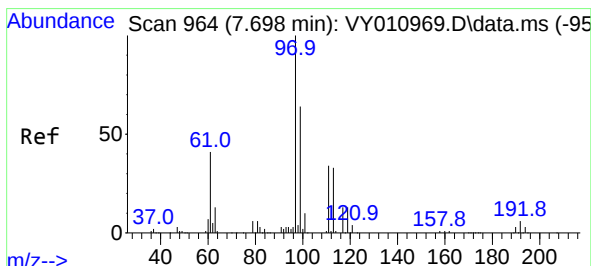
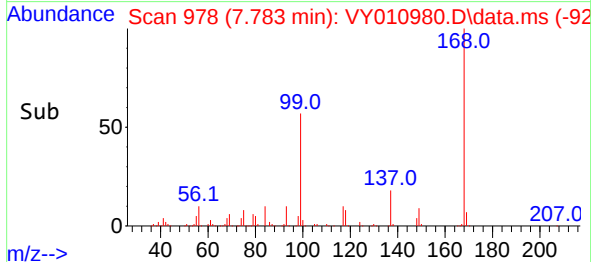
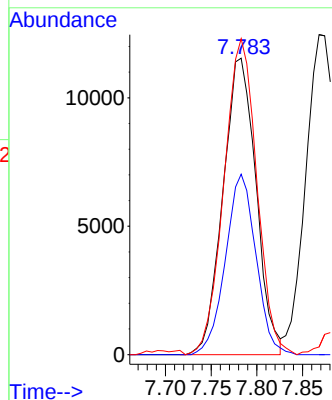
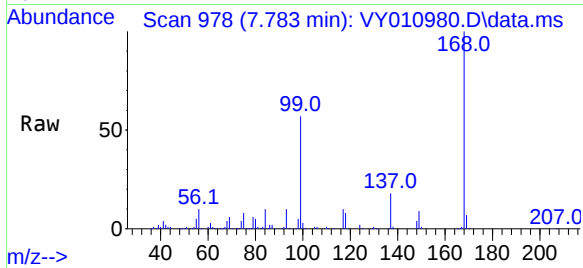




#31
Cyclohexane
Concen: 6.042 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

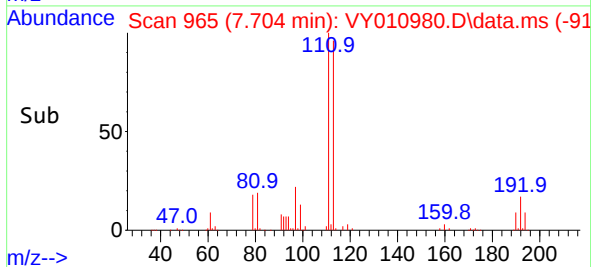
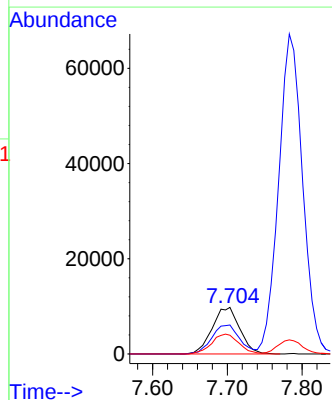
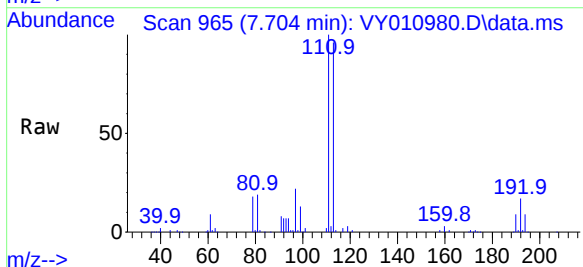
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

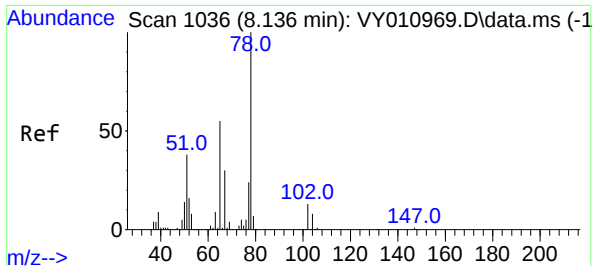
Tgt Ion: 56 Resp: 28990
Ion Ratio Lower Upper
56 100
69 60.9 26.7 40.1#
84 105.1 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 5.349 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 97 Resp: 25094
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 42.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.749 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

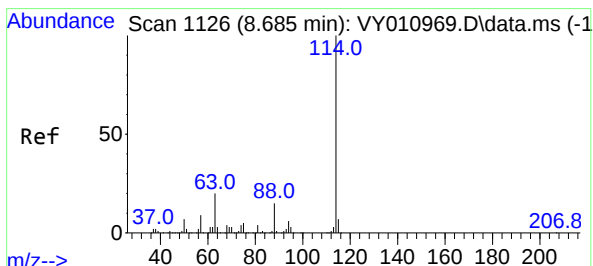
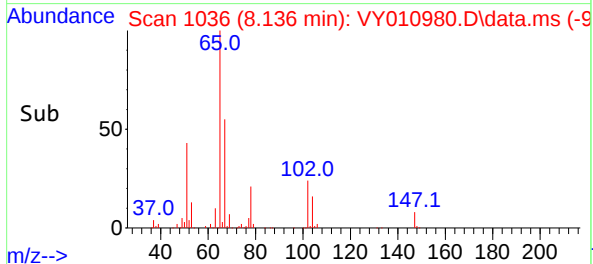
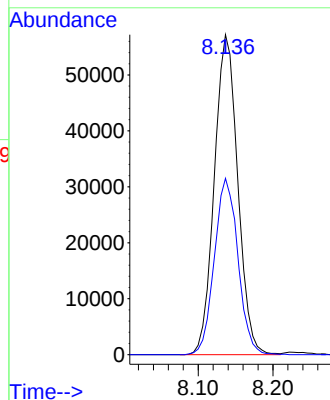
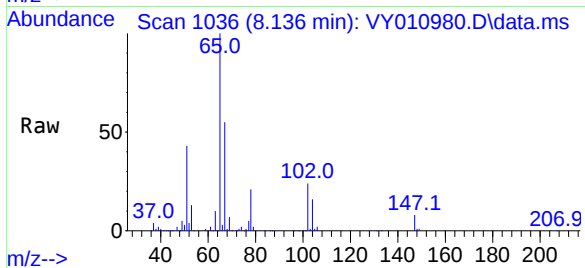
LOQ-SOIL-02-QT4-2022

Tgt Ion: 65 Resp: 124742

Ion Ratio Lower Upper

65 100

67 55.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

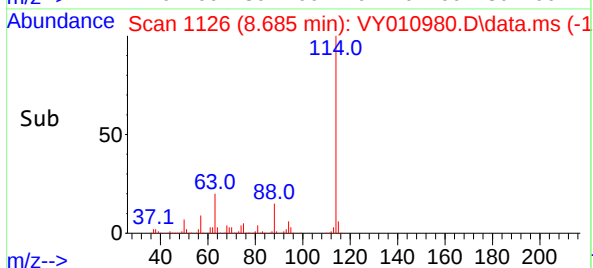
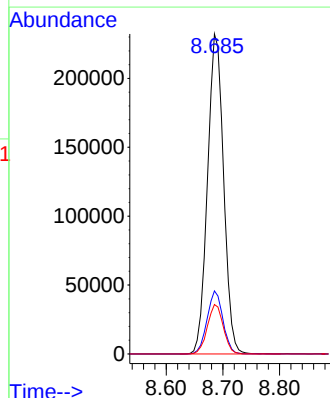
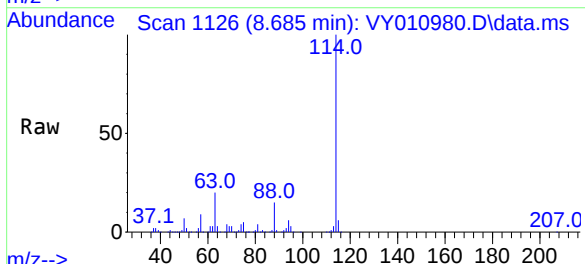
Tgt Ion: 114 Resp: 457859

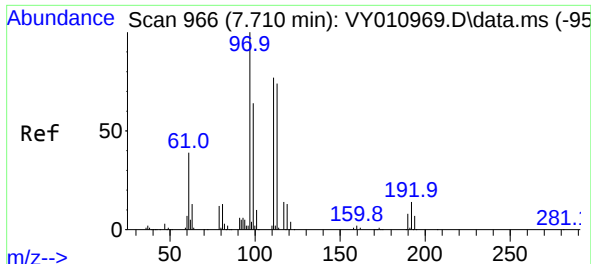
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.096 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT4-2022

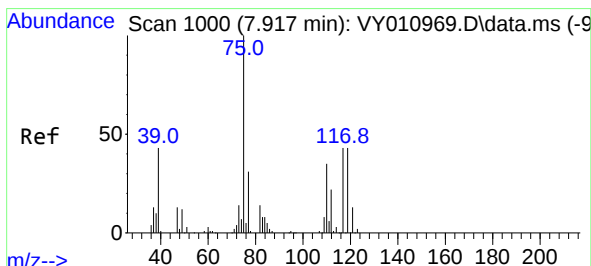
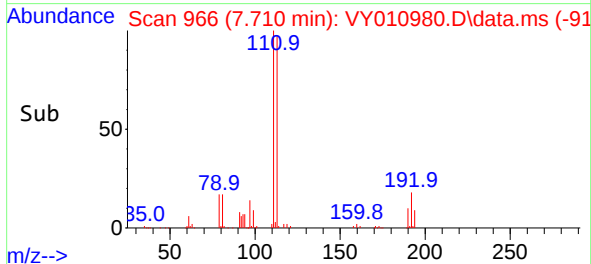
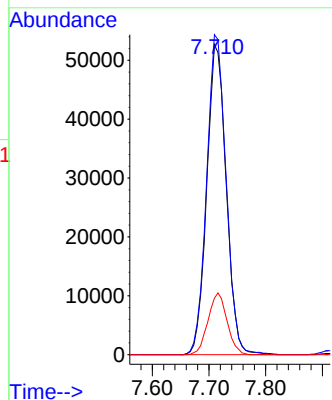
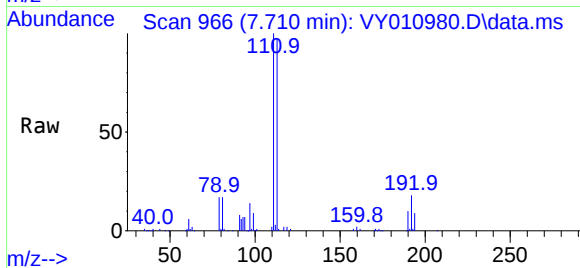
Tgt Ion:113 Resp: 125403

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.5 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.418 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

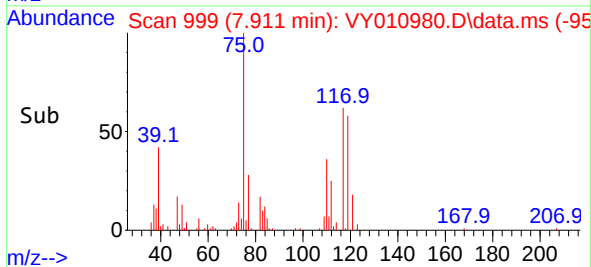
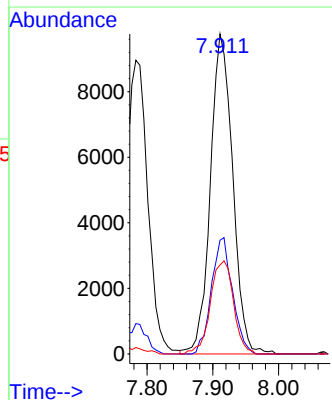
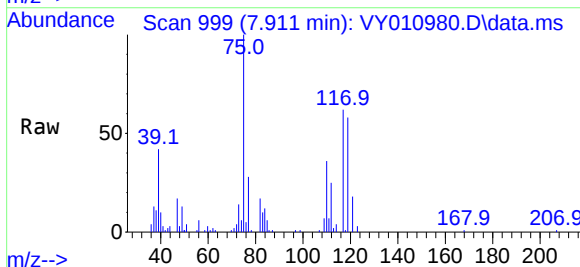
Tgt Ion: 75 Resp: 23093

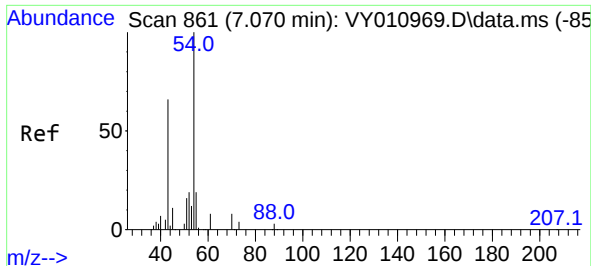
Ion Ratio Lower Upper

75 100

110 34.3 17.1 51.2

77 30.1 24.4 36.6

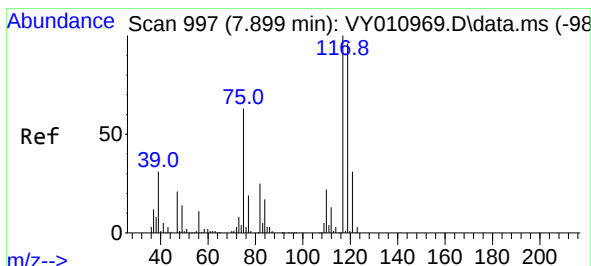
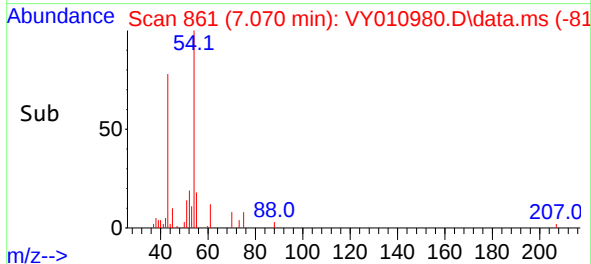
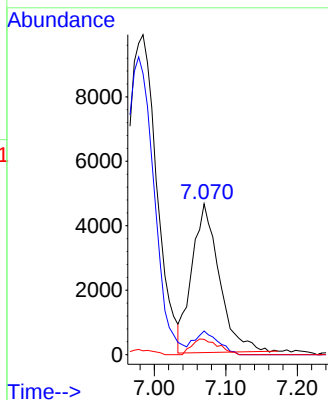
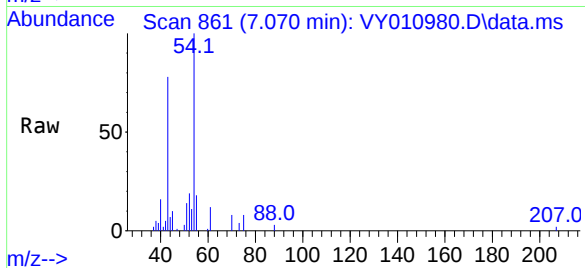




#37
Ethyl Acetate
Concen: 5.223 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

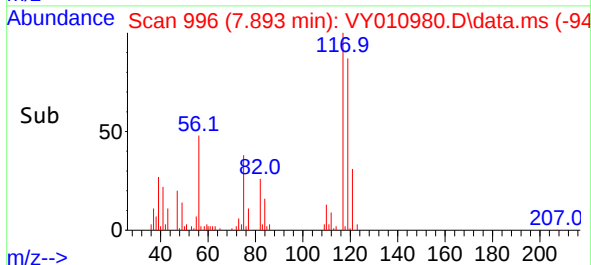
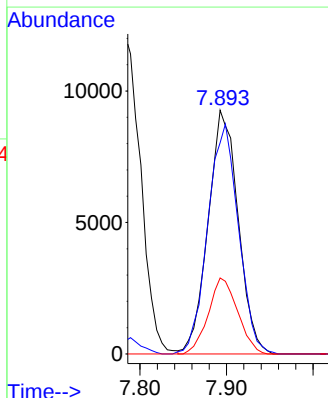
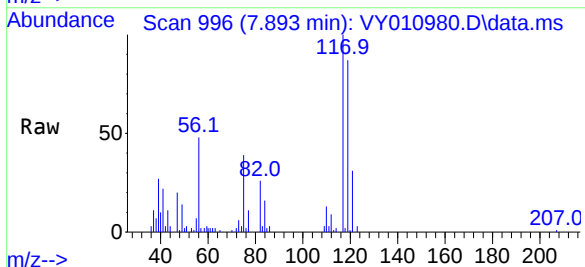
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

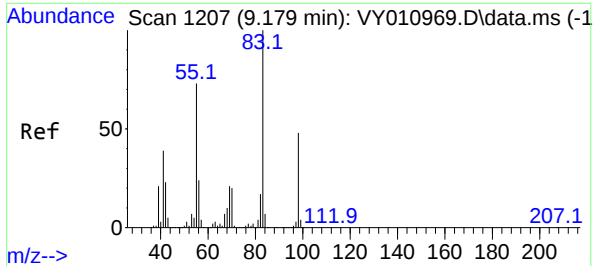
Tgt Ion:	43	Resp:	12326
Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.7	14.5
70	10.1	7.1	10.7



#38
Carbon Tetrachloride
Concen: 5.079 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	117	Resp:	22346
Ion	Ratio	Lower	Upper
117	100		
119	86.6	77.9	116.9
121	31.2	24.8	37.2

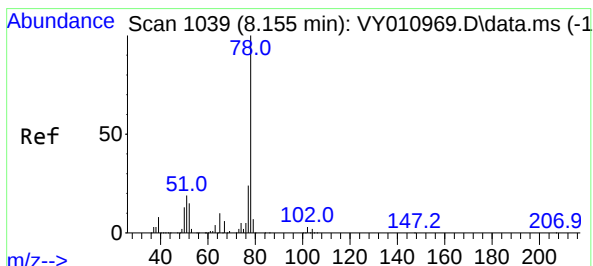
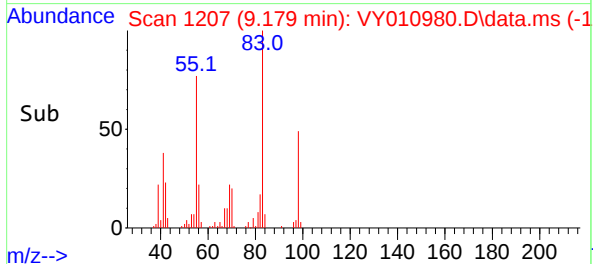
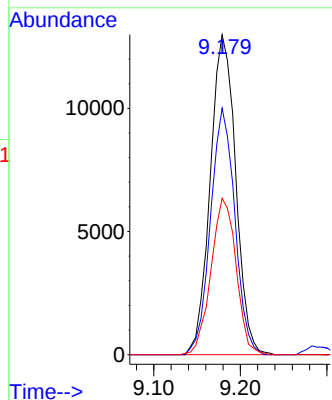
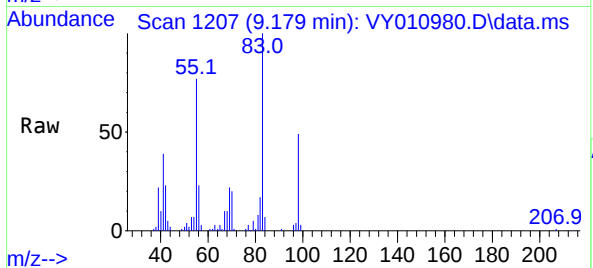




#39
Methylcyclohexane
Concen: 5.193 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

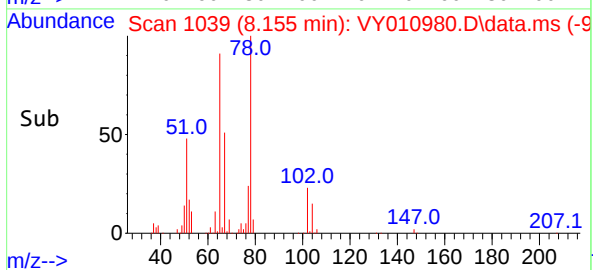
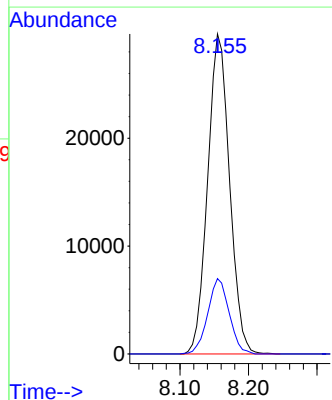
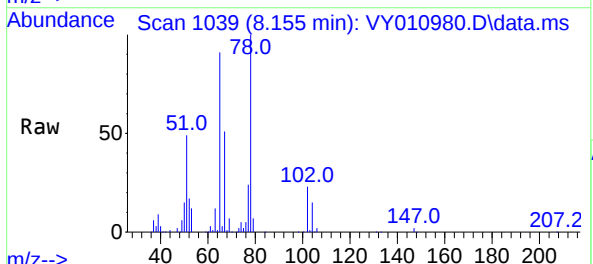
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

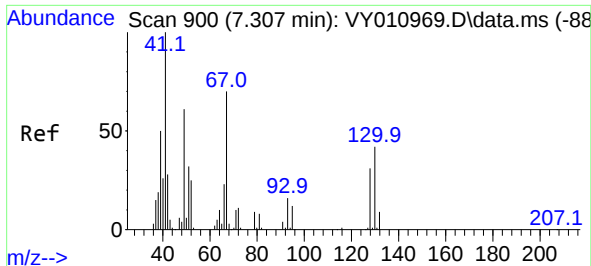
Tgt Ion:	83	Resp:	26513
Ion	Ratio	Lower	Upper
83	100		
55	77.0	66.5	99.7
98	48.9	37.9	56.9



#40
Benzene
Concen: 5.272 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	78	Resp:	65929
Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.4	30.6

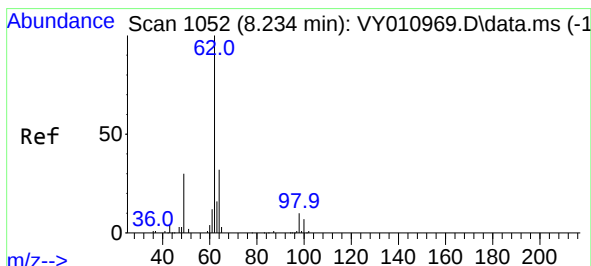
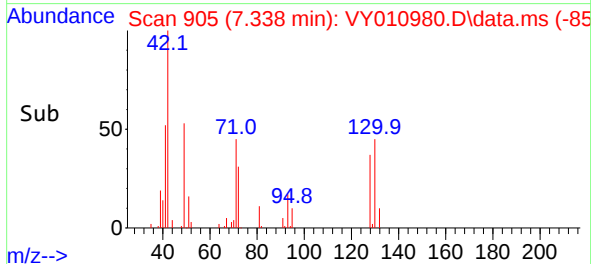
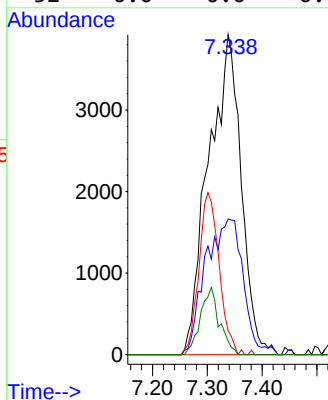
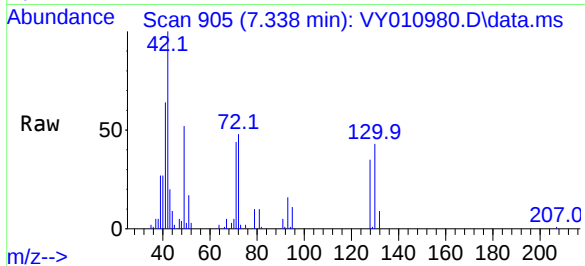




#41
Methacrylonitrile
Concen: 12.656 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

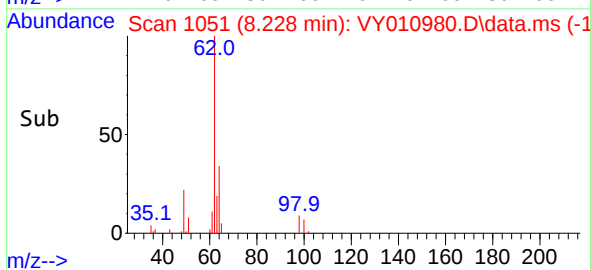
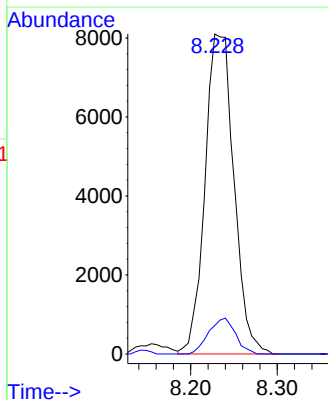
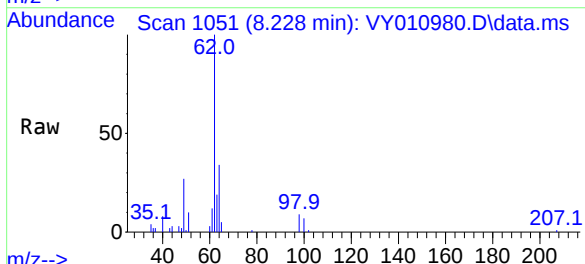
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

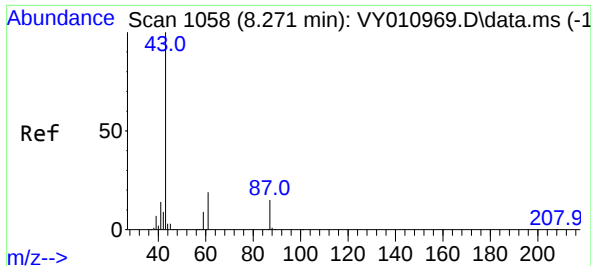
Tgt Ion:	41	Resp:	16184
Ion	Ratio	Lower	Upper
41	100		
39	48.9	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.420 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	62	Resp:	18783
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	14.8

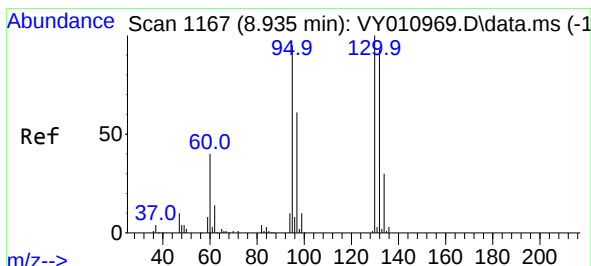
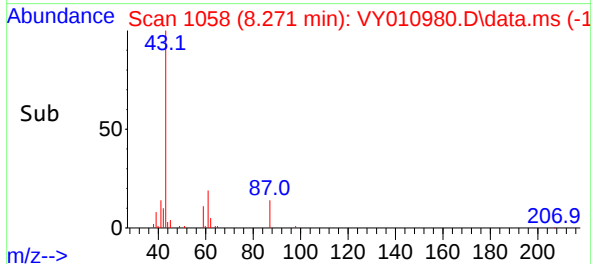
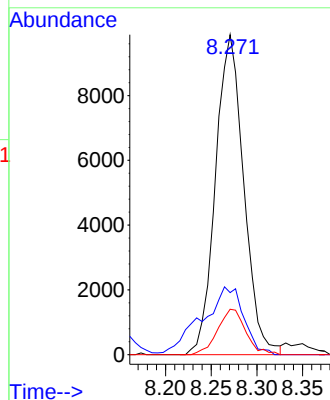
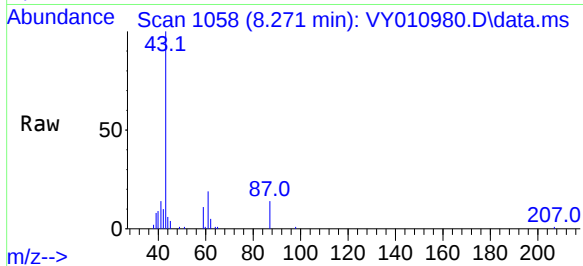




#43
Isopropyl Acetate
Concen: 5.045 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

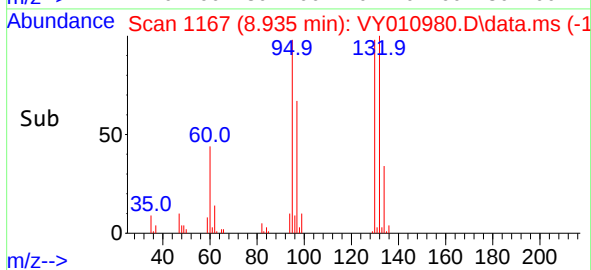
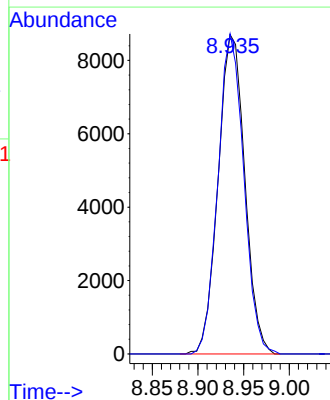
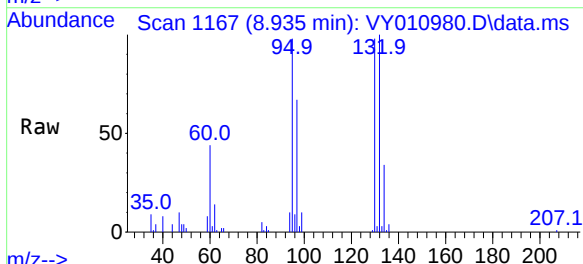
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT4-2022

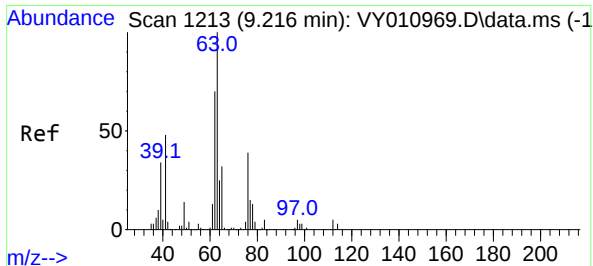
Tgt Ion: 43 Resp: 21270
Ion Ratio Lower Upper
43 100
61 31.5 20.2 30.2#
87 14.2 8.9 13.3#



#44
Trichloroethene
Concen: 5.208 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:130 Resp: 17651
Ion Ratio Lower Upper
130 100
95 100.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.216 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

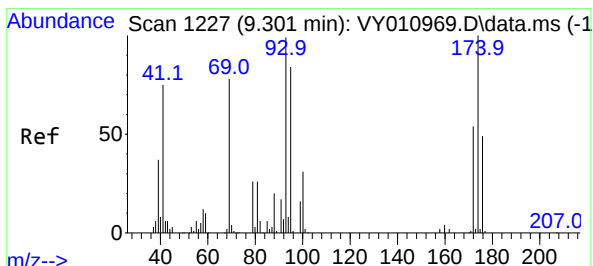
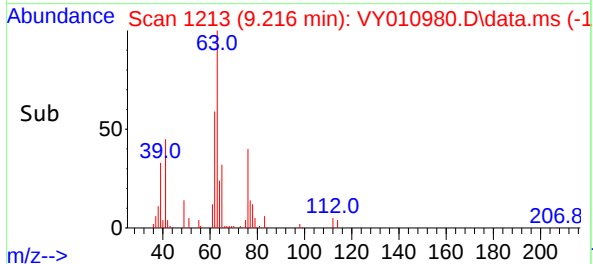
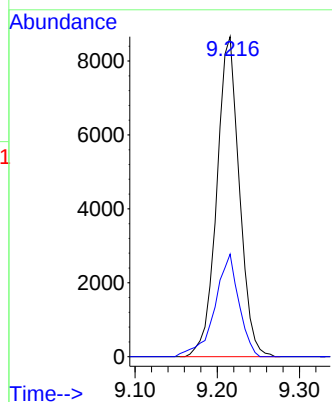
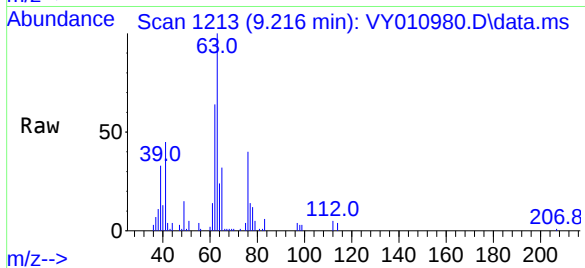
LOQ-SOIL-02-QT4-2022

Tgt Ion: 63 Resp: 16550

Ion Ratio Lower Upper

63 100

65 32.0 23.0 34.6



#46

Dibromomethane

Concen: 5.283 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

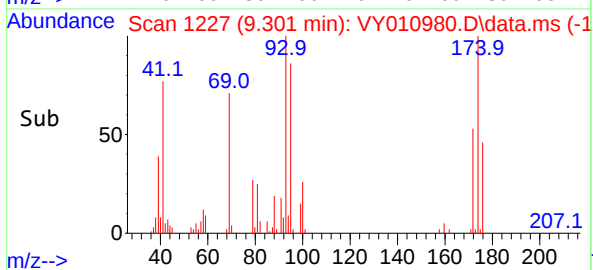
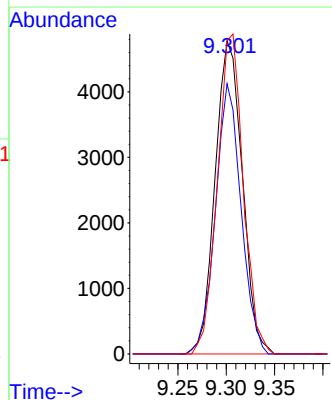
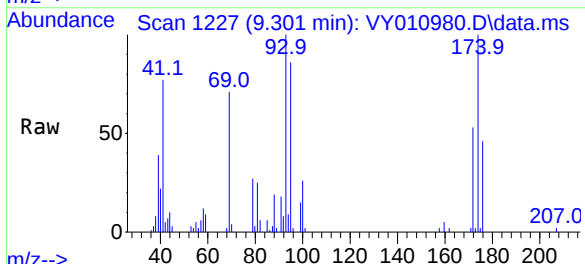
Tgt Ion: 93 Resp: 9350

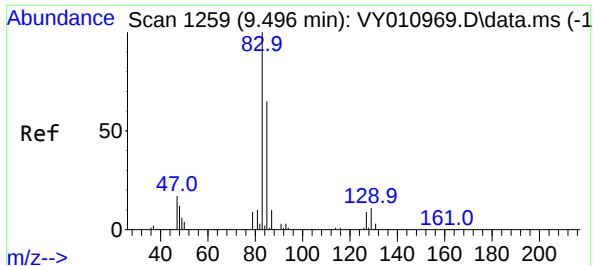
Ion Ratio Lower Upper

93 100

95 81.1 64.3 96.5

174 97.3 83.4 125.0

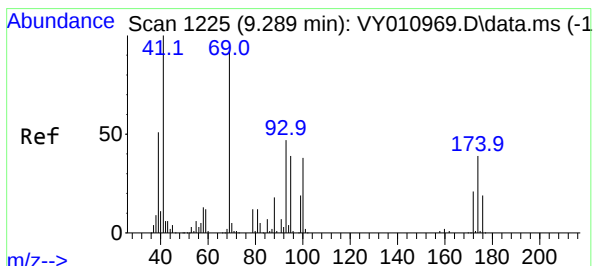
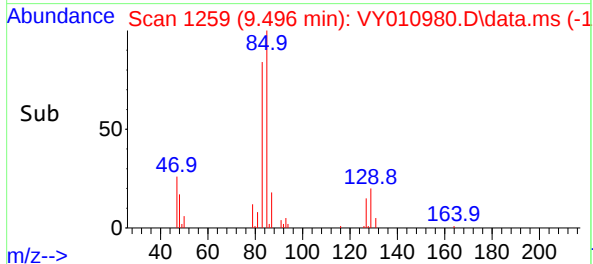
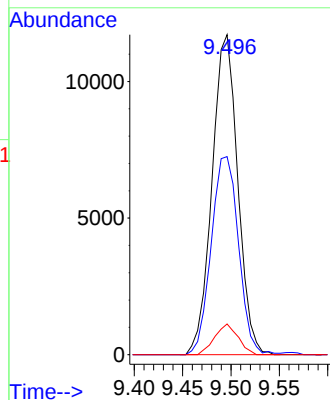
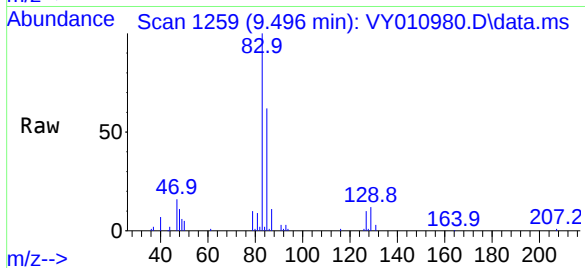




#47
Bromodichloromethane
Concen: 5.080 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

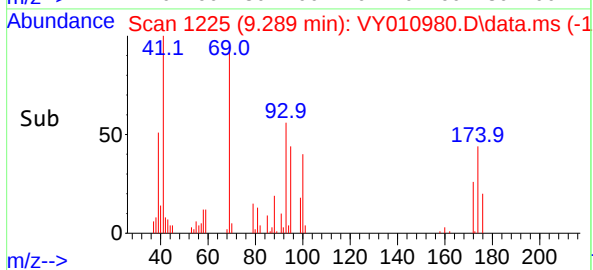
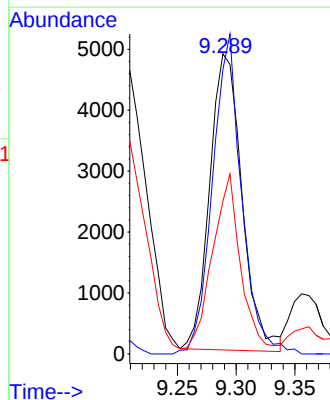
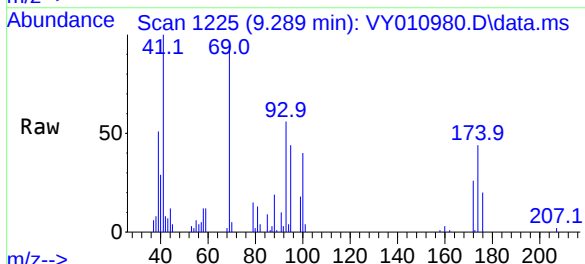
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

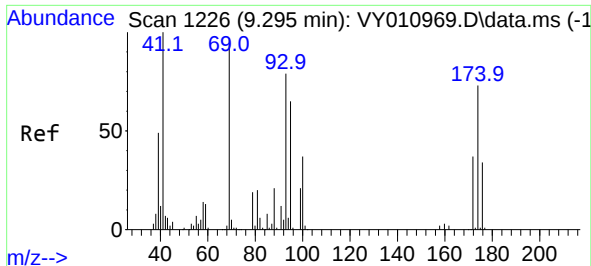
Tgt Ion:	83	Resp:	21666
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.9	77.9
127	9.6	6.6	10.0



#48
Methyl methacrylate
Concen: 4.927 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

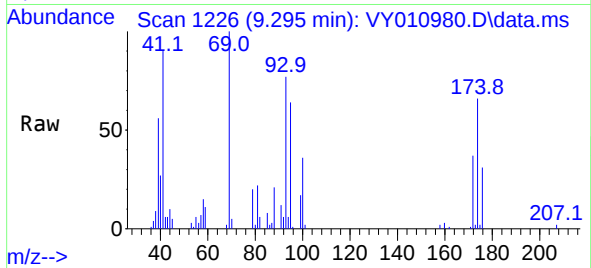
Tgt Ion:	41	Resp:	9297
Ion	Ratio	Lower	Upper
41	100		
69	97.4	58.2	87.2
39	52.6	47.4	71.0



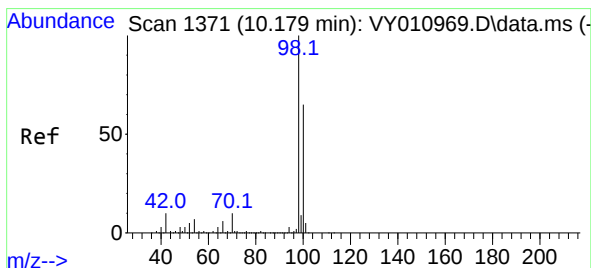
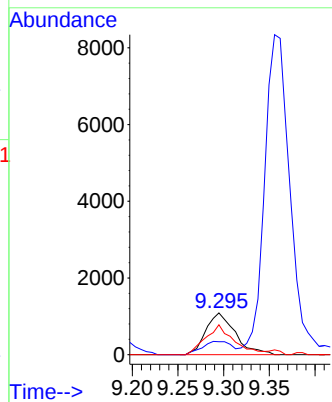
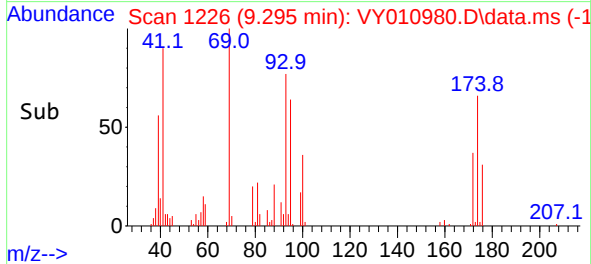


#49
1,4-Dioxane
Concen: 95.487 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

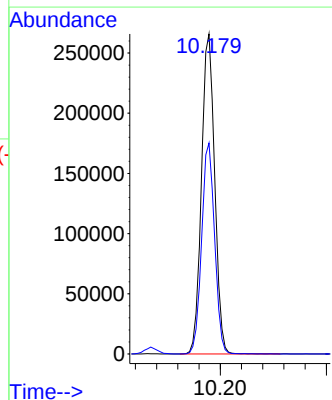
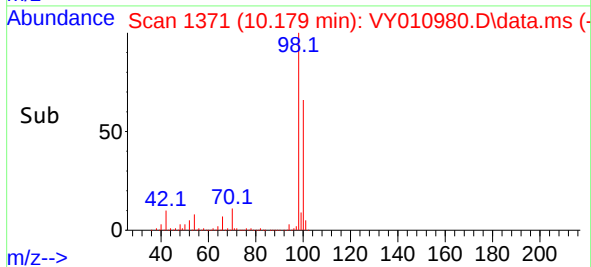
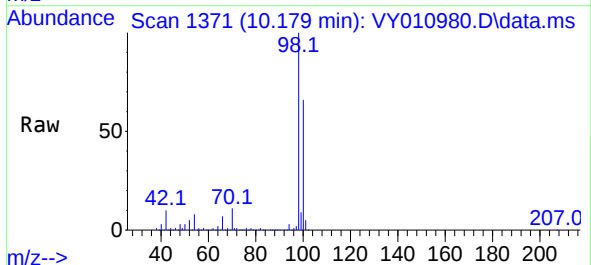


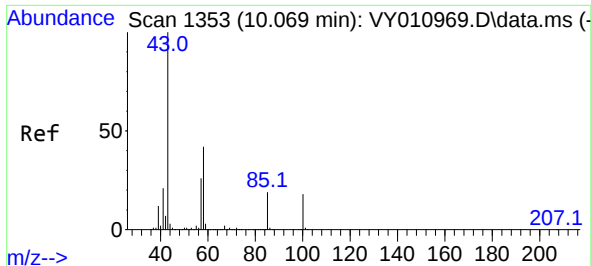
Tgt Ion: 88 Resp: 2428
Ion Ratio Lower Upper
88 100
43 31.8 32.8 49.2#
58 69.2 59.8 89.6



#50
Toluene-d8
Concen: 48.045 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 98 Resp: 459316
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

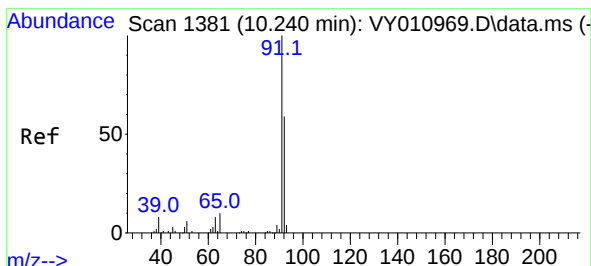
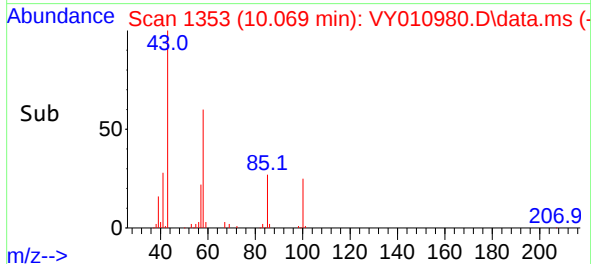
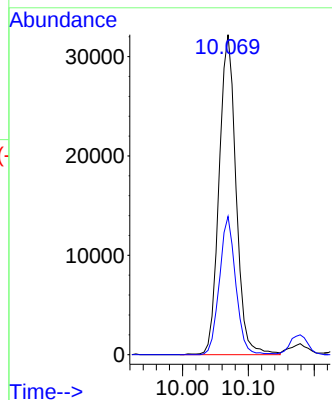
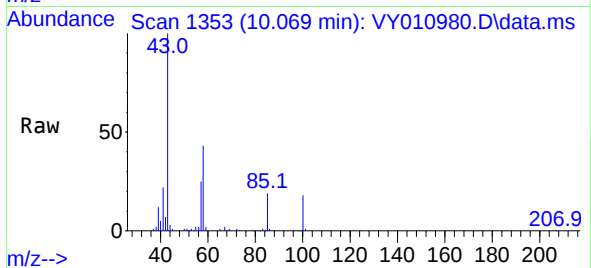




#51
4-Methyl-2-Pentanone
Concen: 24.570 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

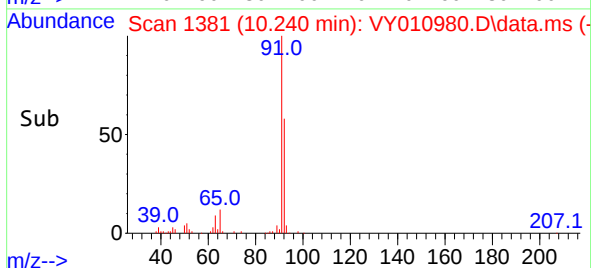
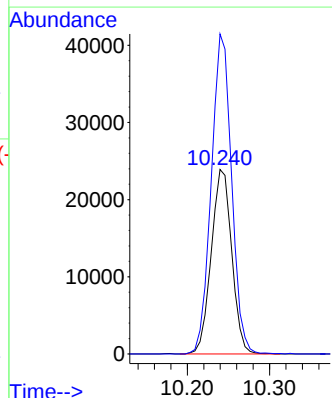
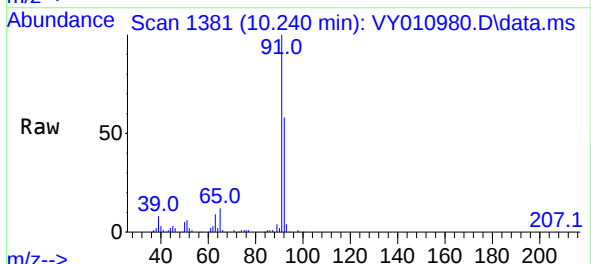
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

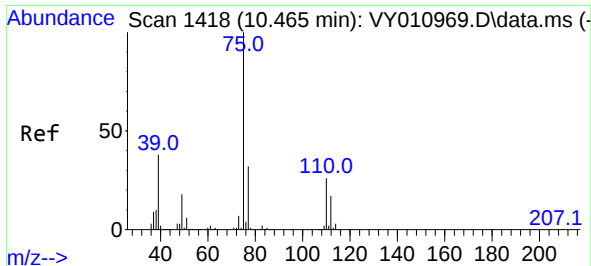
Tgt Ion: 43 Resp: 57772
Ion Ratio Lower Upper
43 100
58 41.4 28.1 42.1



#52
Toluene
Concen: 5.331 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 92 Resp: 41421
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

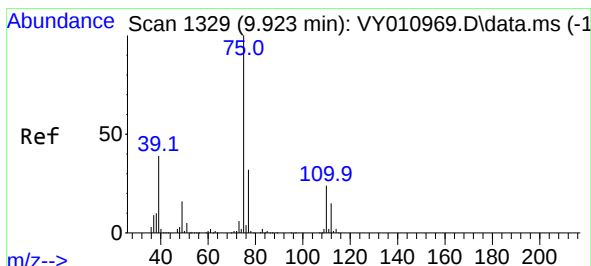
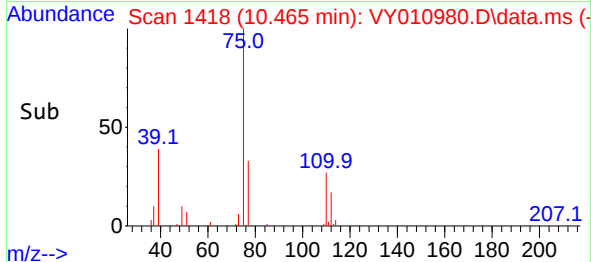
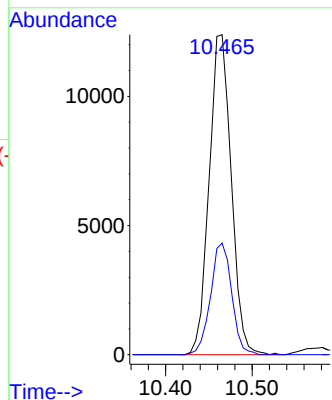
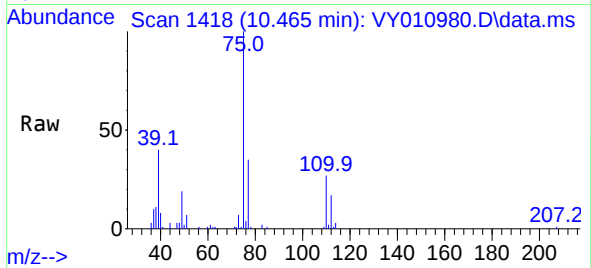




#53
t-1,3-Dichloropropene
Concen: 4.964 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

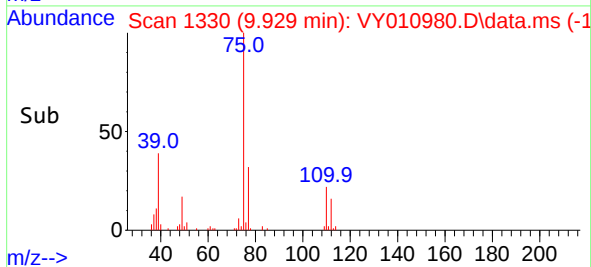
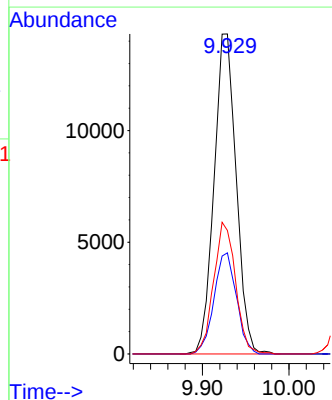
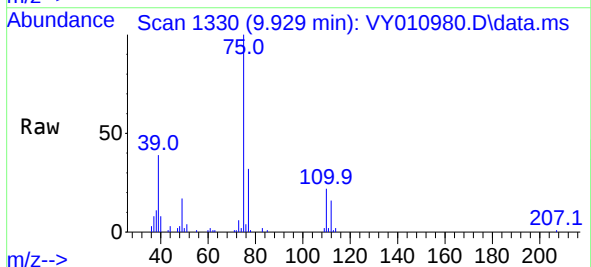
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

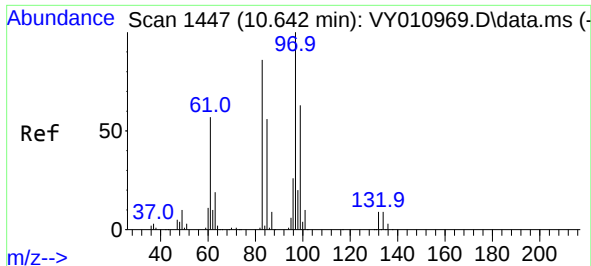
Tgt Ion: 75 Resp: 21992
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.019 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

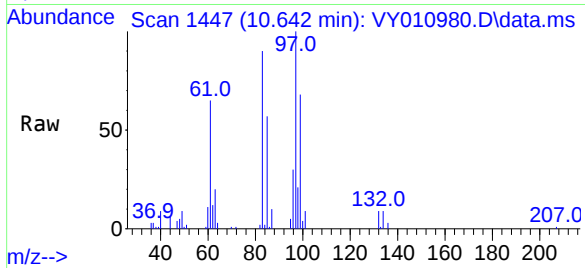
Tgt Ion: 75 Resp: 25449
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 38.6 47.6 71.4#





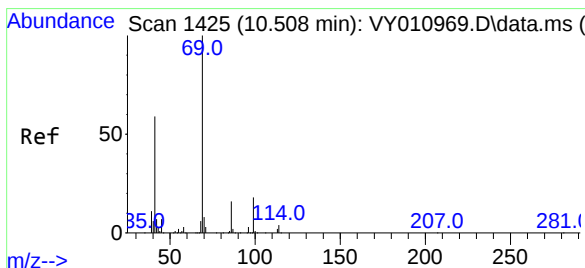
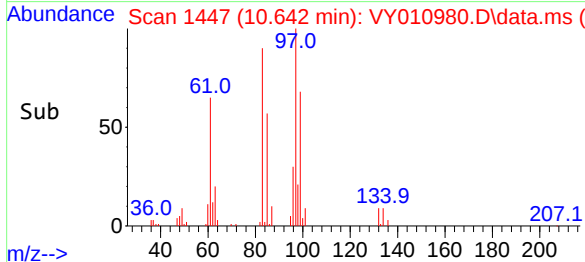
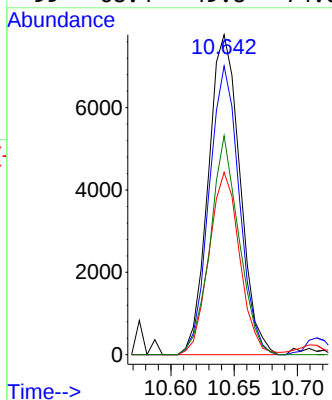
#55
1,1,2-Trichloroethane
Concen: 5.299 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022



Tgt Ion: 97 Resp: 13529

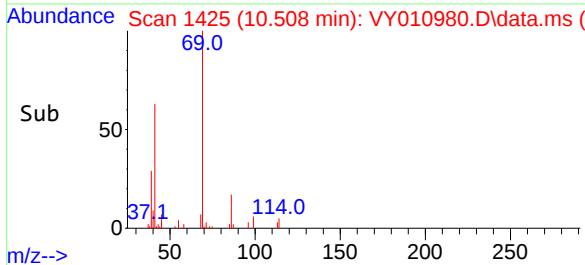
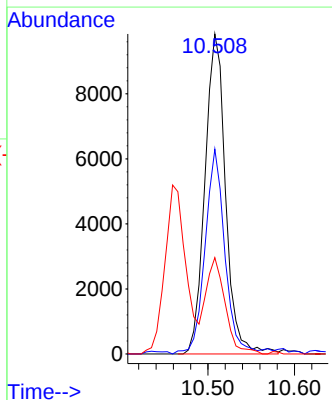
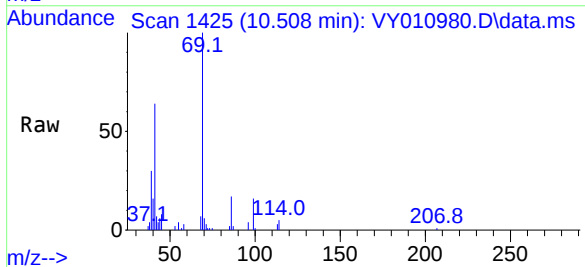
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.8	104.8
85	57.0	44.3	66.5
99	68.4	49.8	74.6

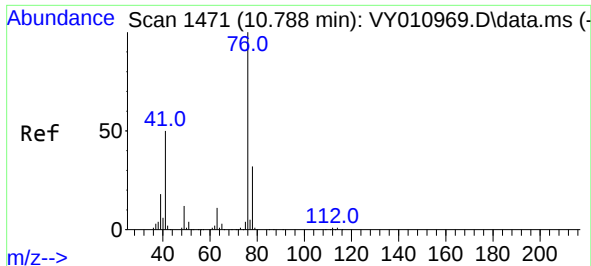


#56
Ethyl methacrylate
Concen: 4.801 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 69 Resp: 16281

Ion	Ratio	Lower	Upper
69	100		
41	61.2	63.4	95.0#
39	28.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 5.233 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

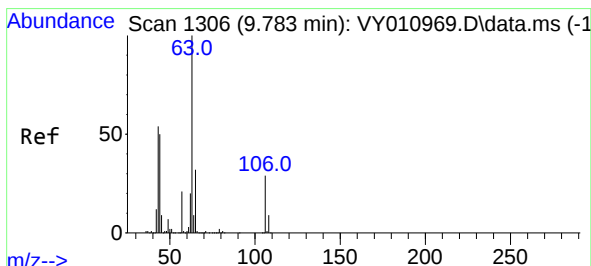
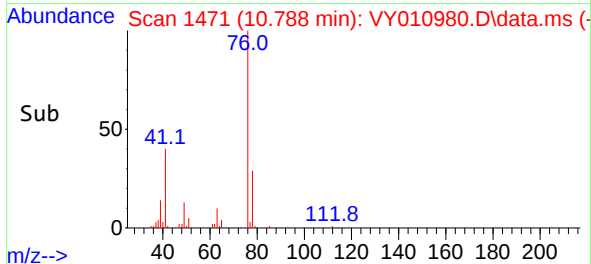
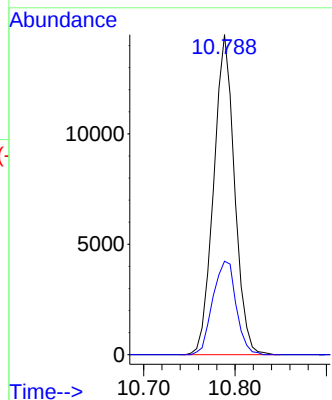
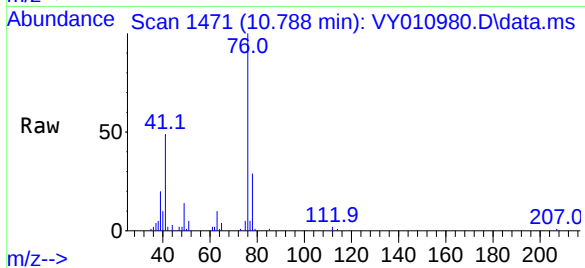
LOQ-SOIL-02-QT4-2022

Tgt Ion: 76 Resp: 22970

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 38.078 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010980.D

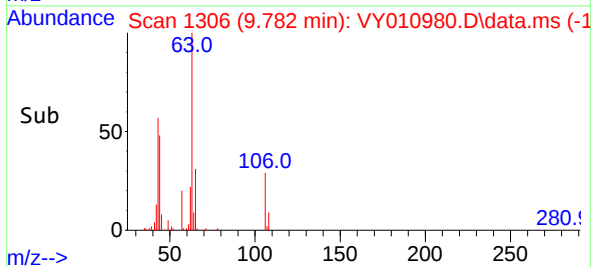
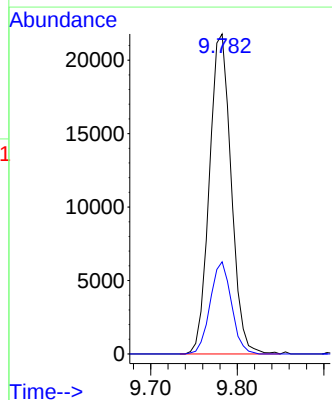
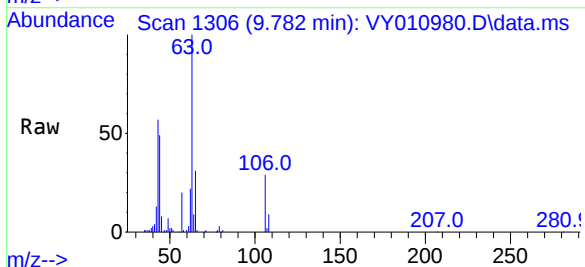
Acq: 17 Oct 2022 19:15

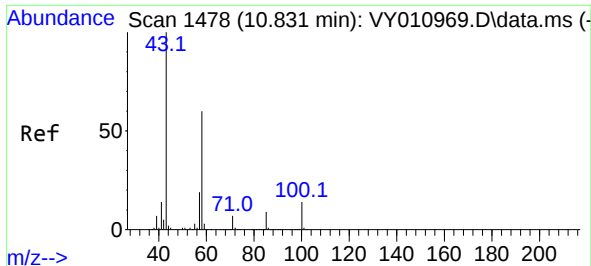
Tgt Ion: 63 Resp: 38008

Ion Ratio Lower Upper

63 100

106 28.1 21.5 32.3

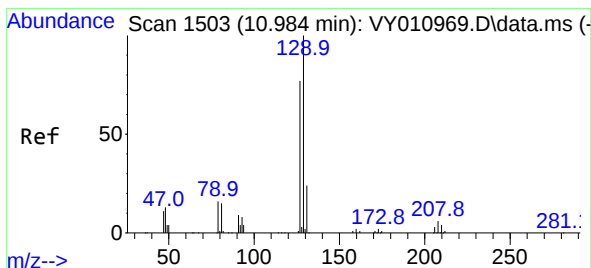
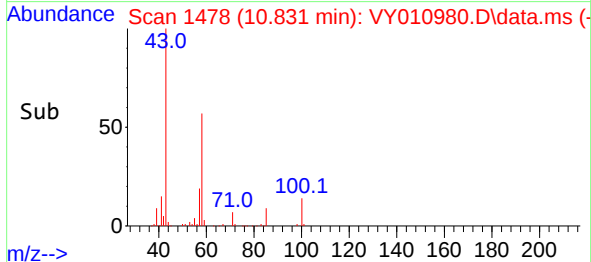
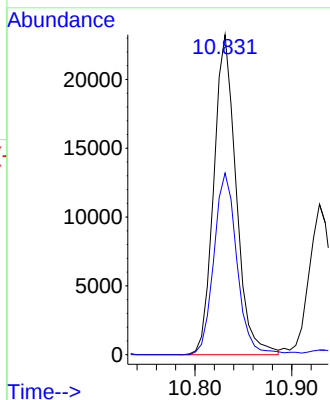
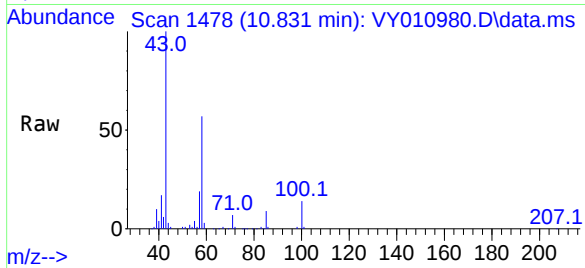




#59
2-Hexanone
Concen: 23.058 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

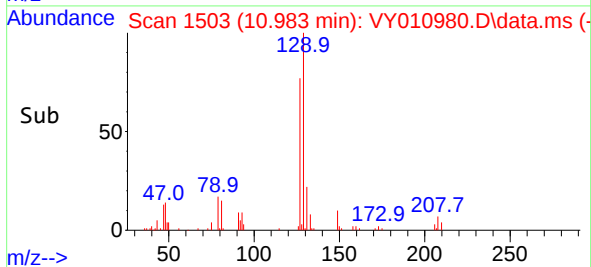
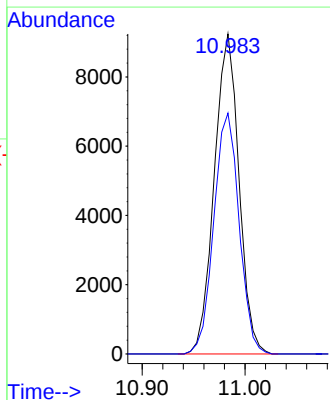
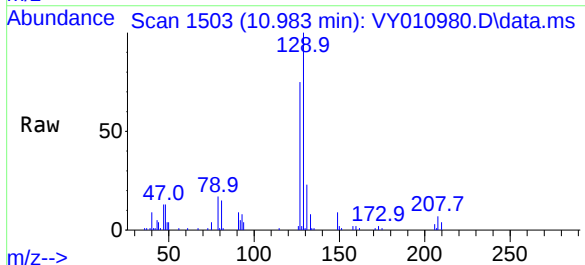
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

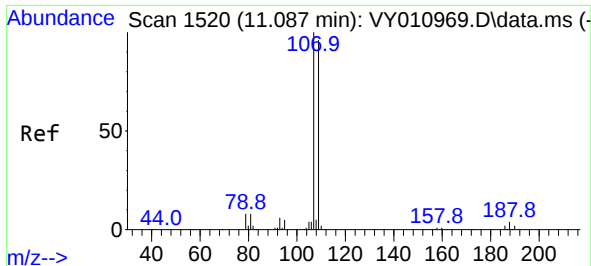
Tgt Ion: 43 Resp: 37243
Ion Ratio Lower Upper
43 100
58 58.6 24.4 73.4



#60
Dibromochloromethane
Concen: 5.075 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 129 Resp: 15407
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

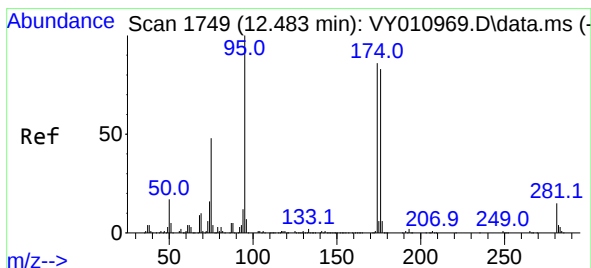
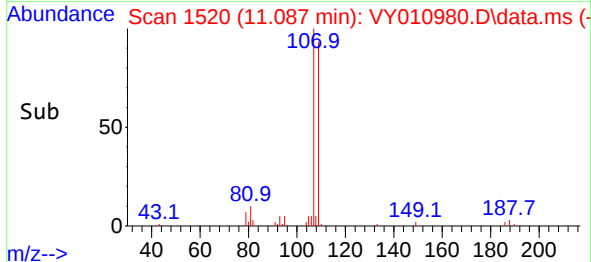
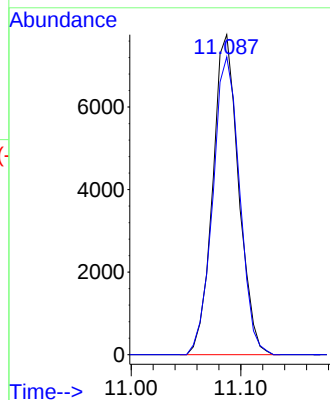
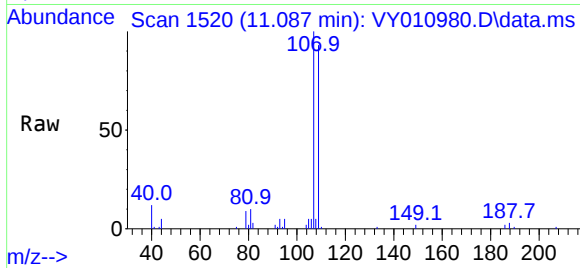




#61
1,2-Dibromoethane
Concen: 5.219 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

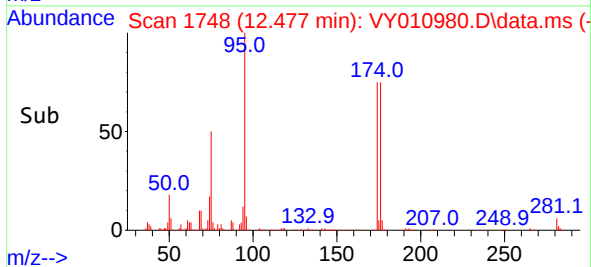
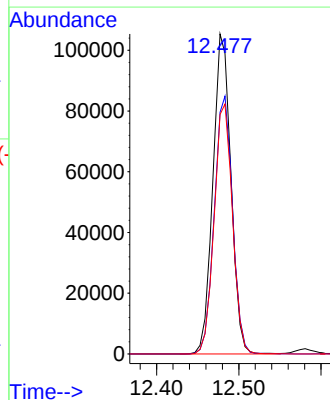
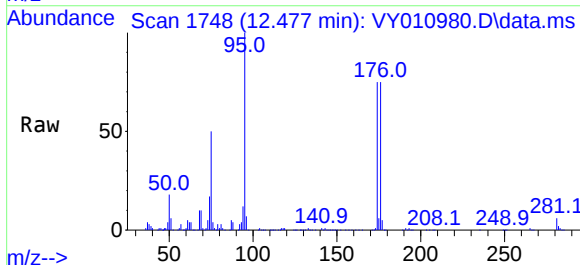
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

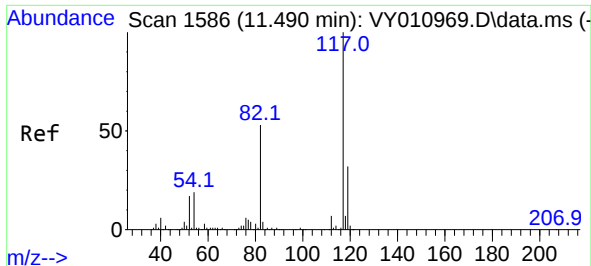
Tgt Ion:107 Resp: 12760
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.163 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 95 Resp: 160305
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 79.4 0.0 175.8

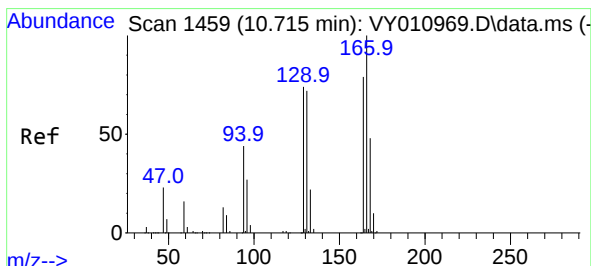
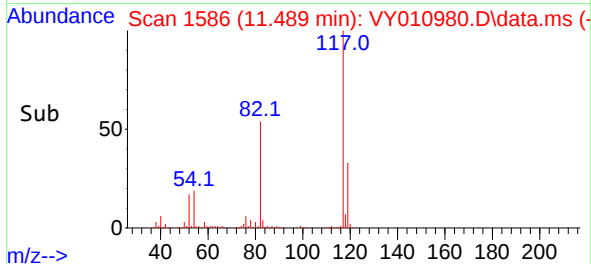
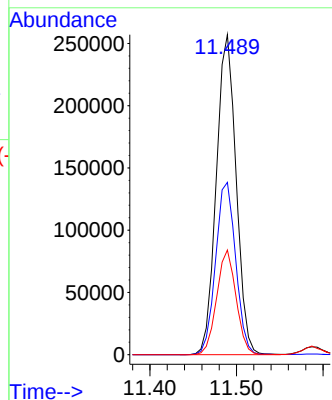
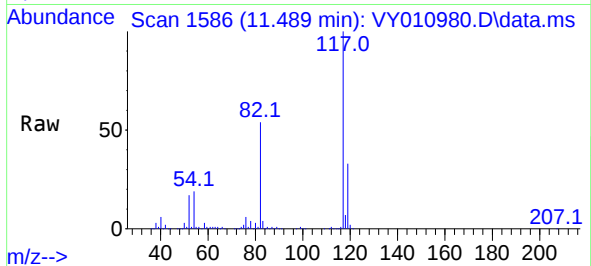




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

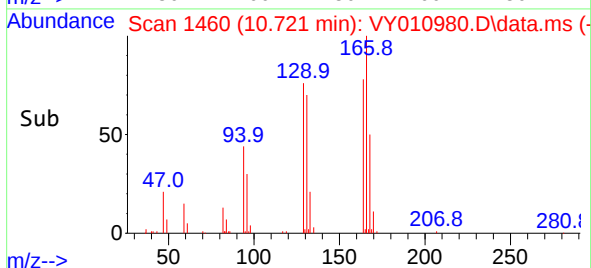
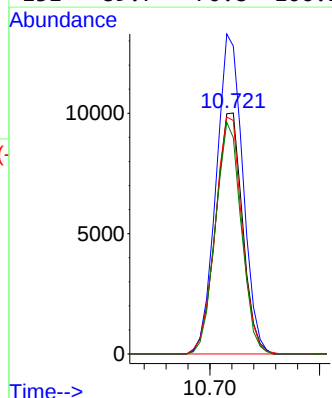
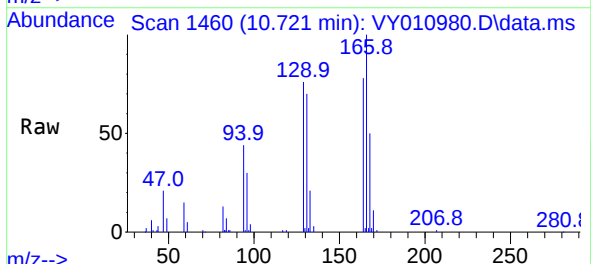
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

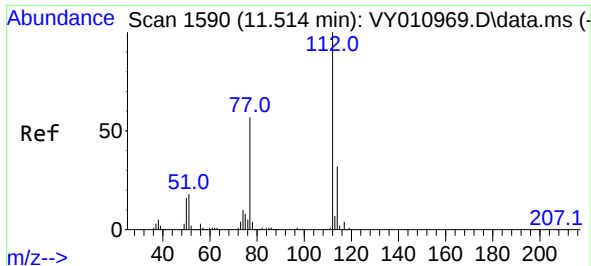
Tgt Ion:117	Resp:	408714
Ion	Ratio	Lower Upper
117	100	
82	53.8	43.0 64.4
119	32.7	25.4 38.0



#64
Tetrachloroethene
Concen: 5.361 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:164	Resp:	17057
Ion	Ratio	Lower Upper
164	100	
166	127.8	100.4 150.6
129	96.9	71.4 107.0
131	89.7	70.8 106.2

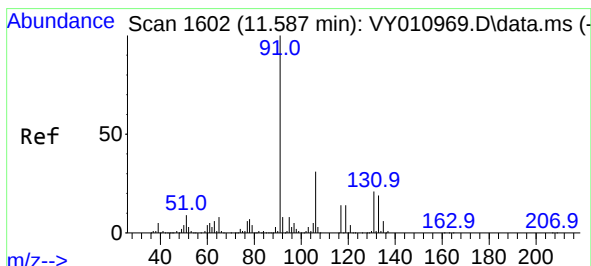
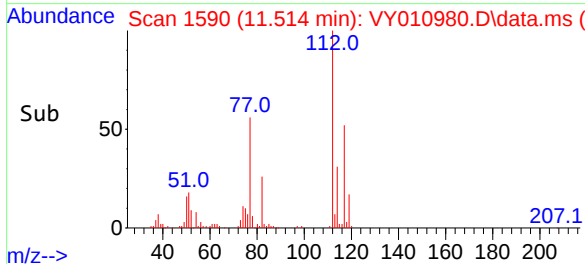
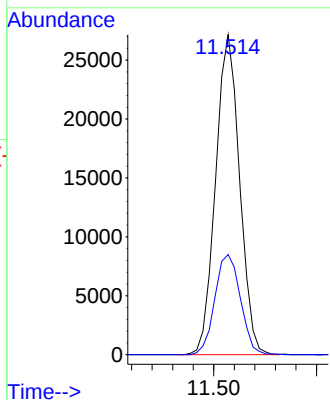
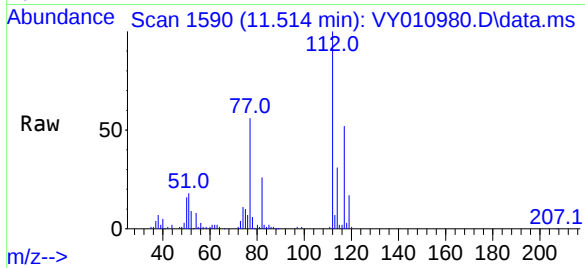




#65
Chlorobenzene
Concen: 5.237 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

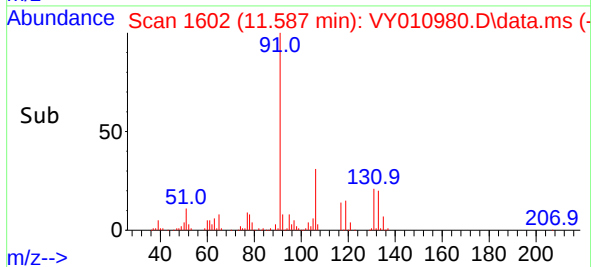
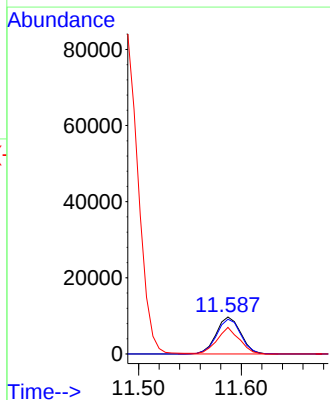
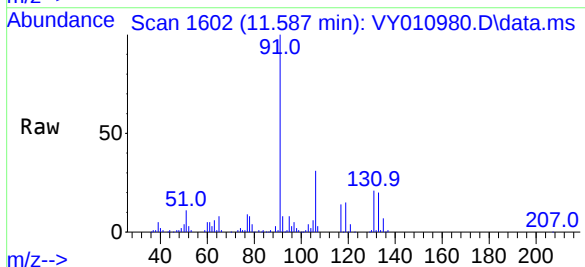
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

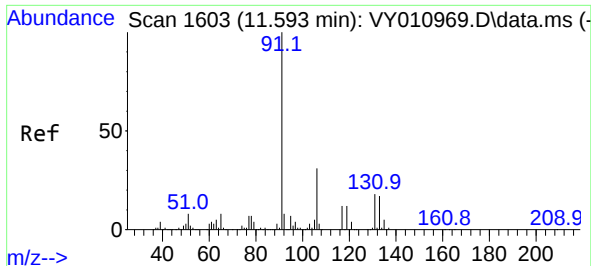
Tgt Ion:112 Resp: 43941
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.157 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:131 Resp: 16016
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 66.3 30.8 92.3





#67

Ethyl Benzene

Concen: 5.007 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

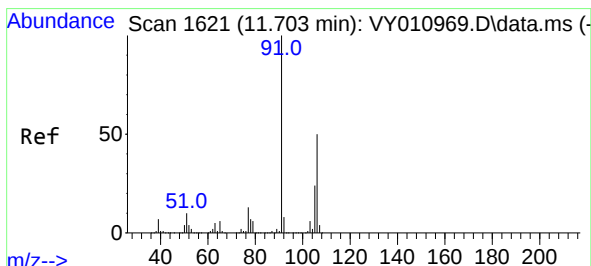
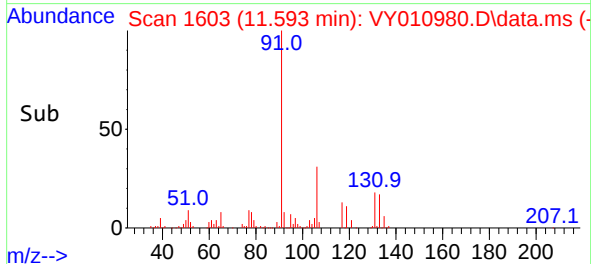
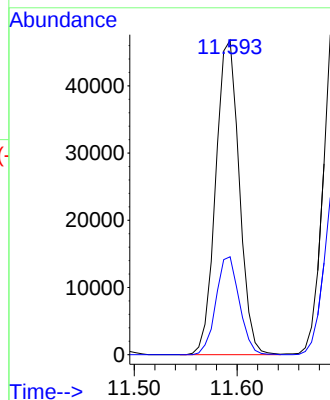
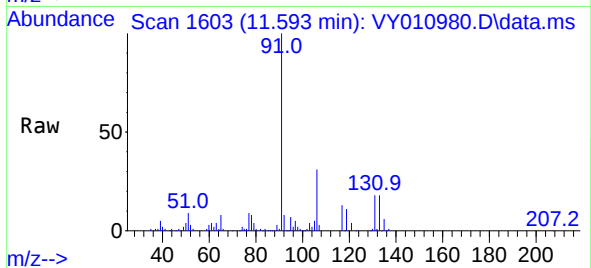
LOQ-SOIL-02-QT4-2022

Tgt Ion: 91 Resp: 74328

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 9.980 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010980.D

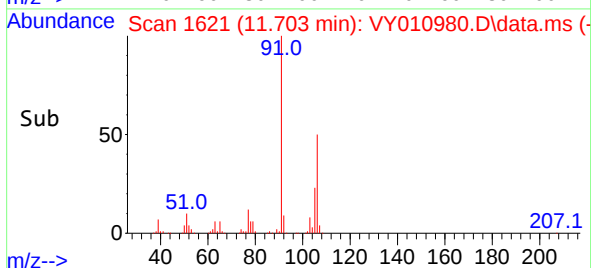
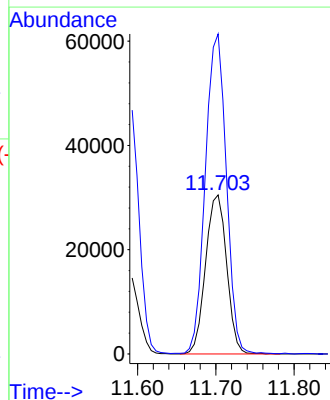
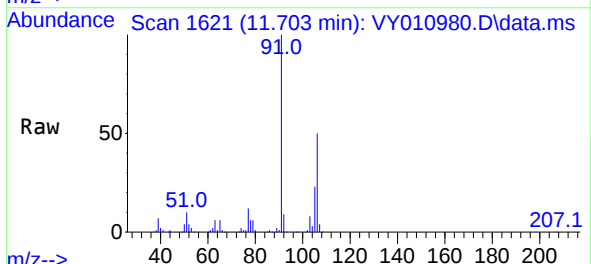
Acq: 17 Oct 2022 19:15

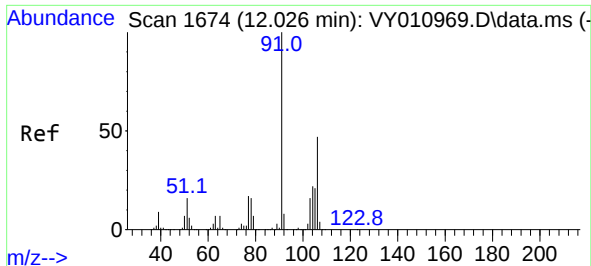
Tgt Ion: 106 Resp: 56990

Ion Ratio Lower Upper

106 100

91 200.1 166.6 249.8

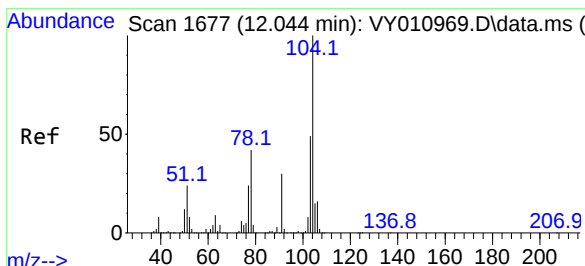
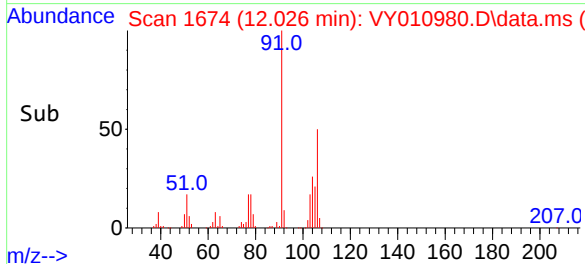
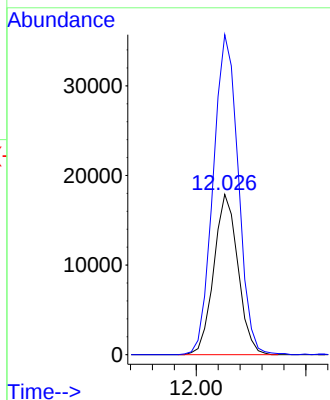
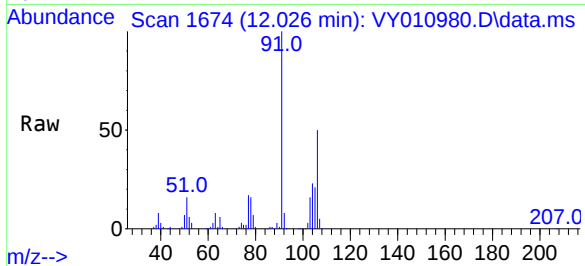




#69
o-Xylene
Concen: 5.043 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

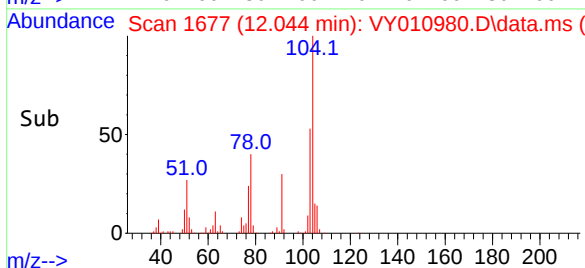
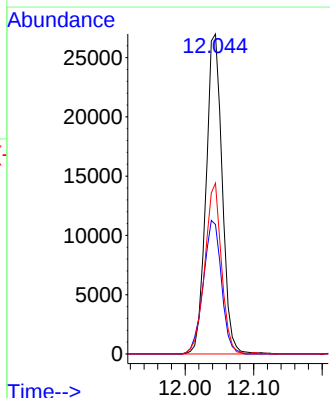
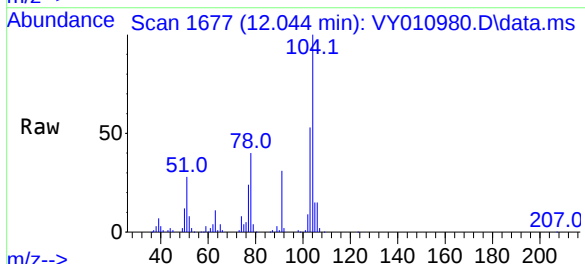
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT4-2022

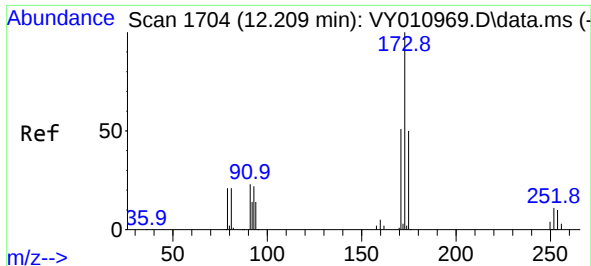
Tgt Ion:106 Resp: 27346
Ion Ratio Lower Upper
106 100
91 207.7 110.3 331.0



#70
Styrene
Concen: 4.811 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:104 Resp: 44207
Ion Ratio Lower Upper
104 100
78 46.8 42.4 63.6
103 54.8 44.4 66.6

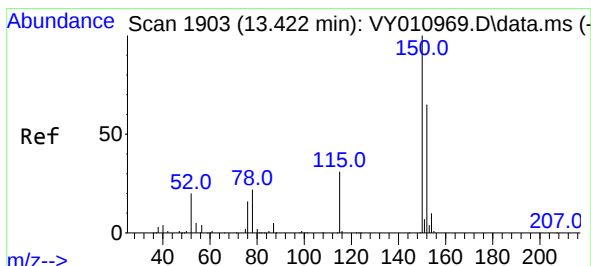
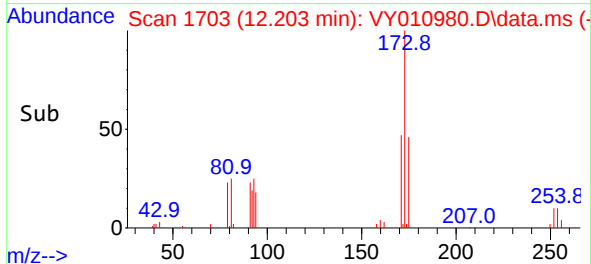
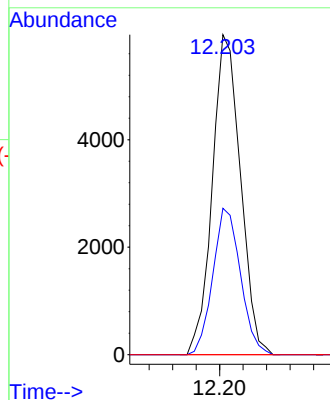
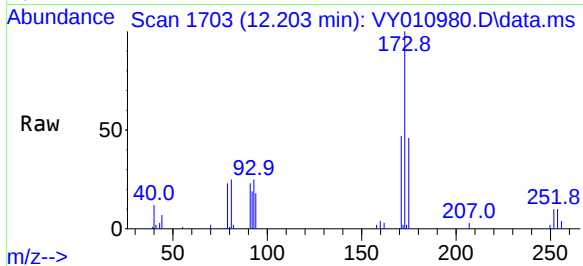




#71
Bromoform
Concen: 5.167 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

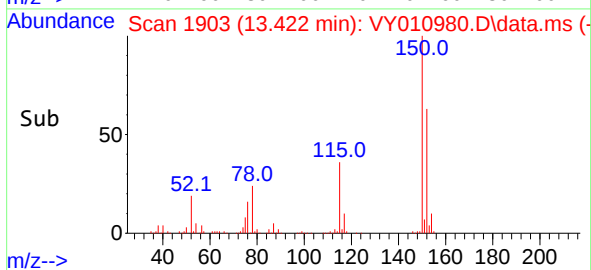
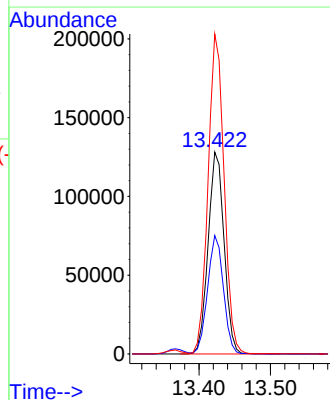
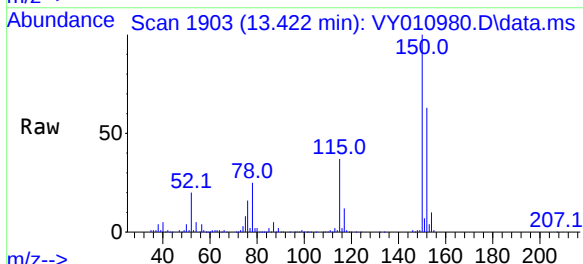
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

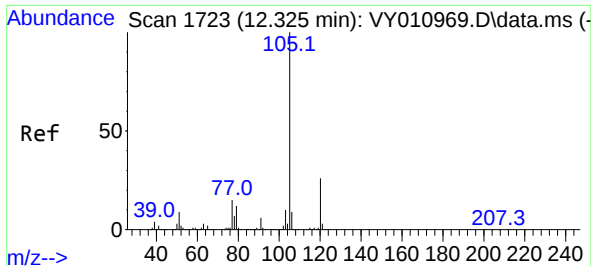
Tgt Ion:173 Resp: 9904
Ion Ratio Lower Upper
173 100
175 44.9 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:152 Resp: 198612
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 159.0 0.0 347.6

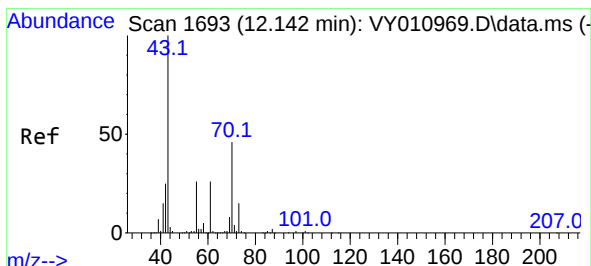
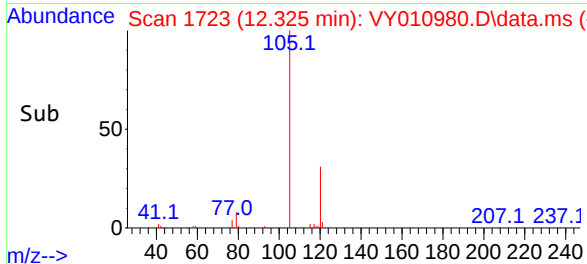
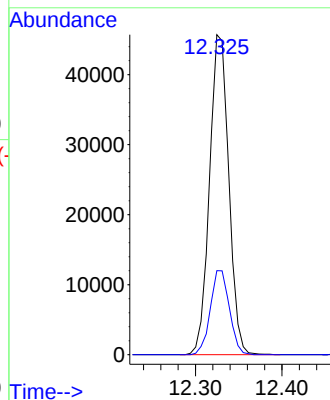
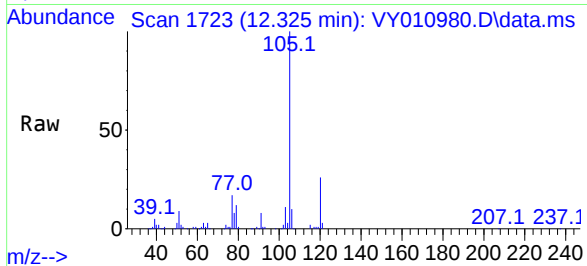




#73
Isopropylbenzene
Concen: 4.887 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

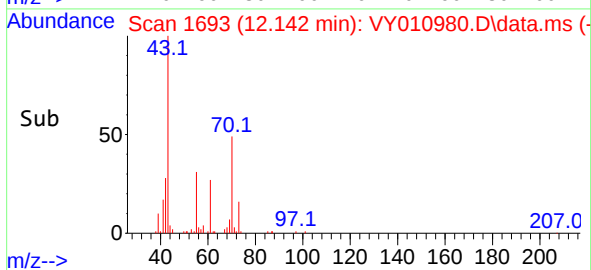
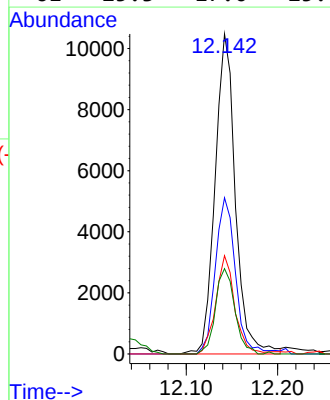
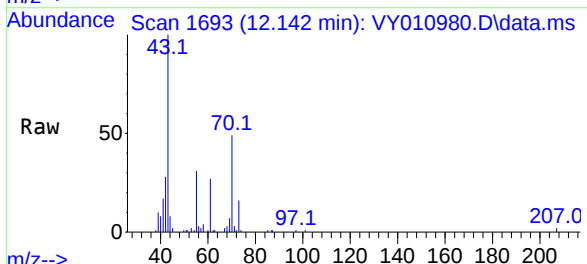
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

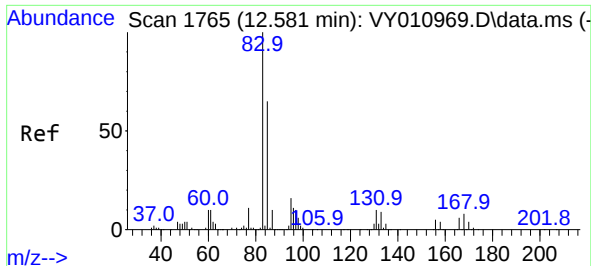
Tgt Ion:105 Resp: 70523
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2



#74
N-ethyl acetate
Concen: 4.424 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 43 Resp: 16196
Ion Ratio Lower Upper
43 100
70 48.1 28.7 43.1#
55 28.7 17.3 25.9#
61 25.3 17.0 25.6

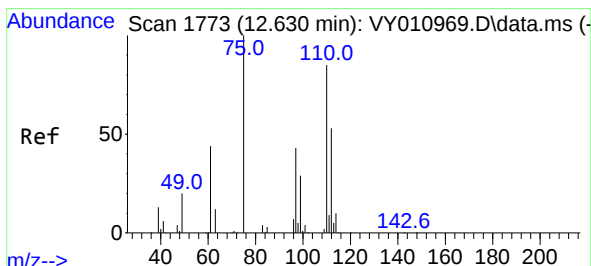
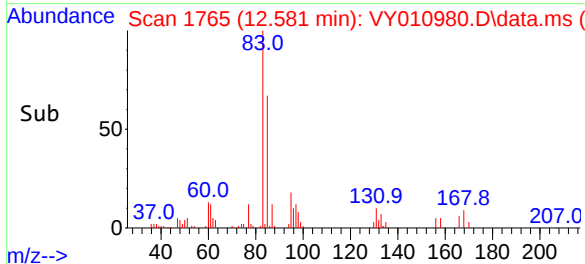
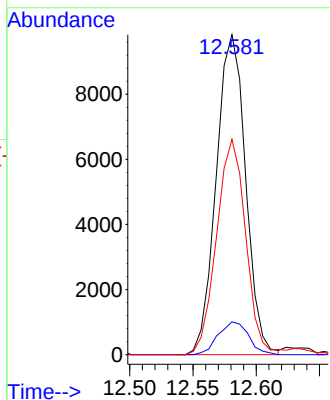
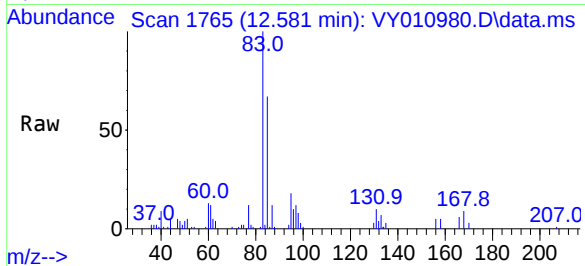




#75
1,1,2-Tetrachloroethane
Concen: 5.249 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

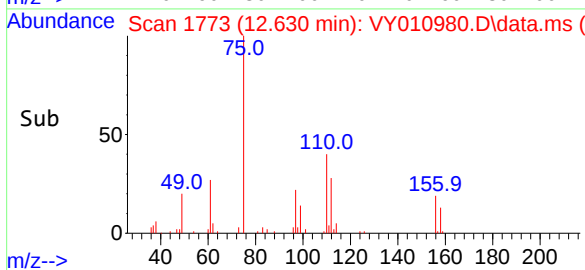
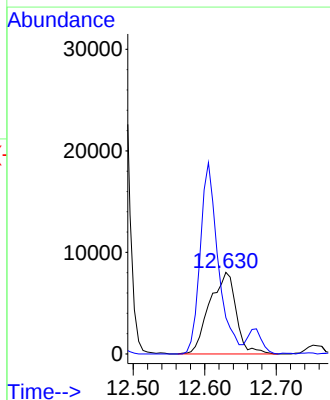
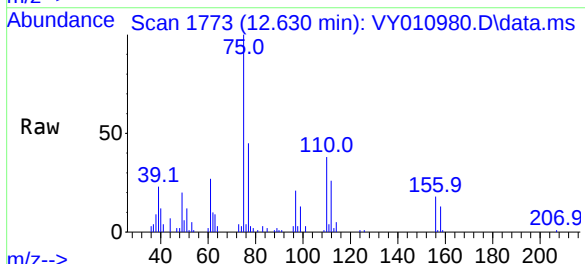
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT4-2022

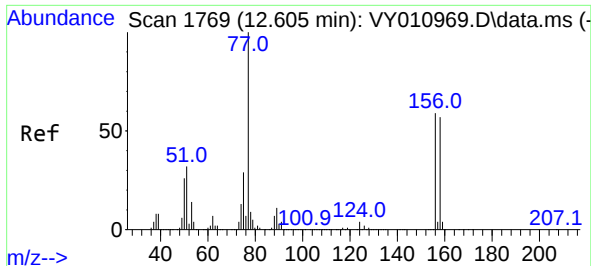
Tgt Ion: 83 Resp: 15895
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 66.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 9.186 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 75 Resp: 20713
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

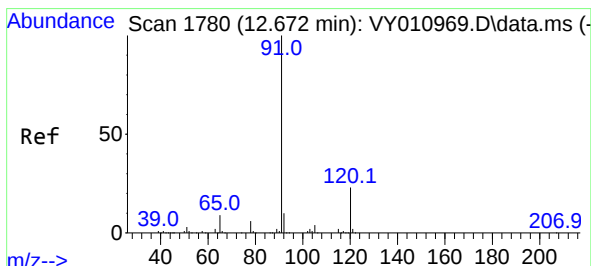
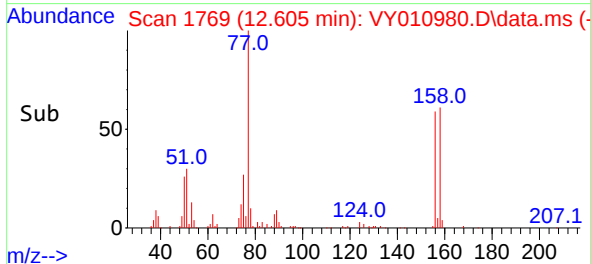
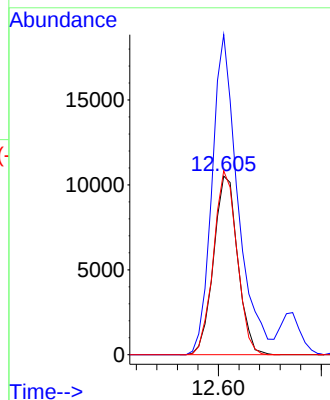
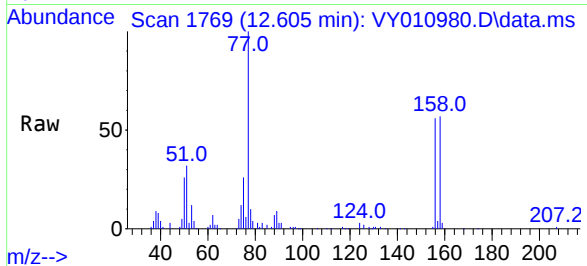




#77
Bromobenzene
Concen: 5.089 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

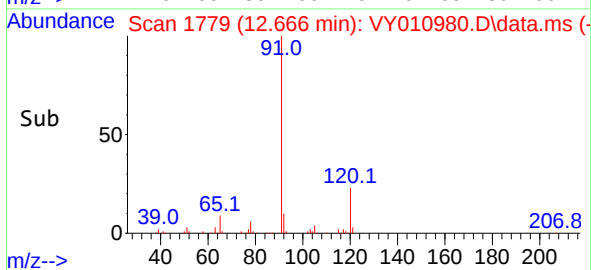
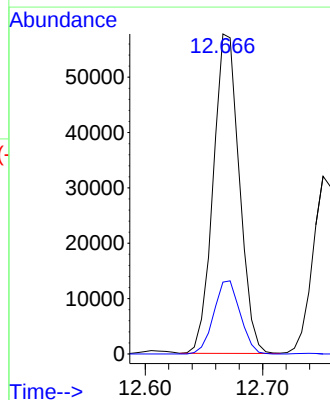
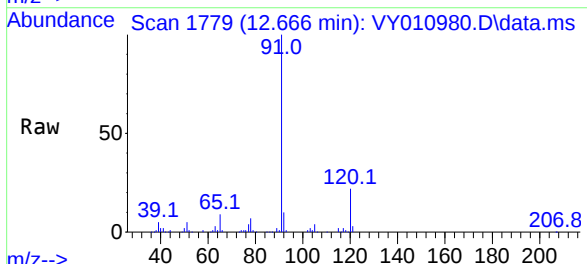
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

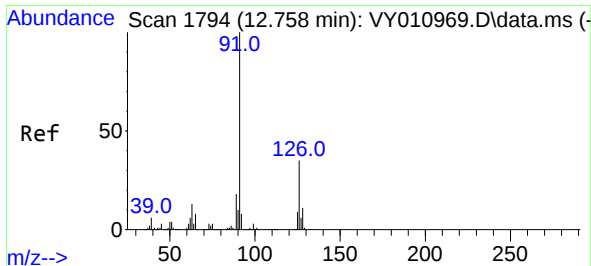
Tgt Ion:	156	Resp:	17165
Ion Ratio	Lower	Upper	
156	100		
77	192.7	95.5	286.4
158	100.1	48.0	144.0



#78
n-propylbenzene
Concen: 5.076 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	91	Resp:	89112
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.3	33.9





#79

2-Chlorotoluene

Concen: 5.194 ug/l

RT: 12.751 min Scan# 1794

Delta R.T. -0.007 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

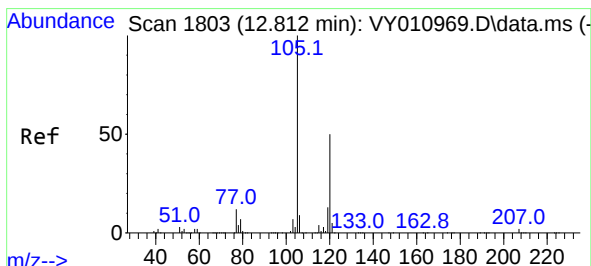
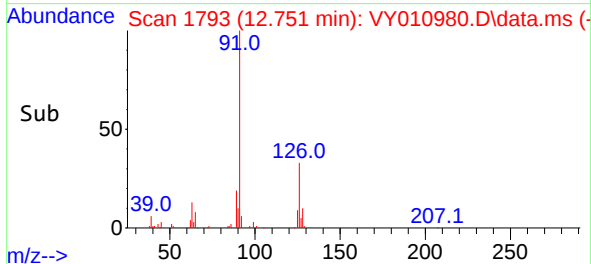
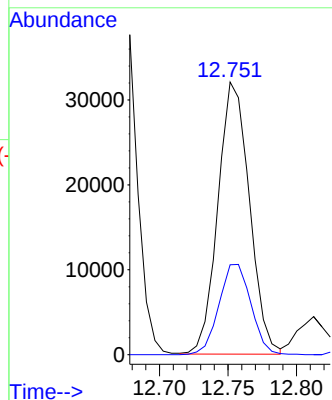
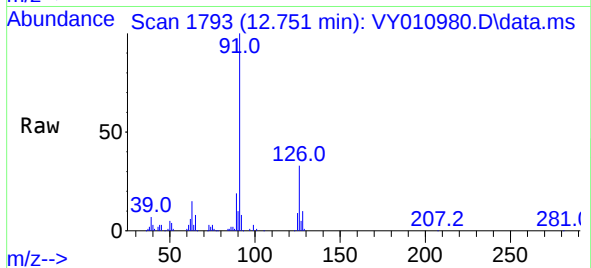
LOQ-SOIL-02-QT4-2022

Tgt Ion: 91 Resp: 51355

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 5.025 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010980.D

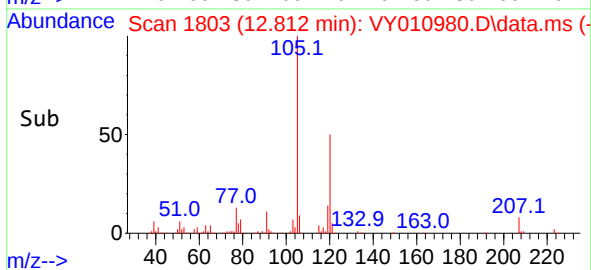
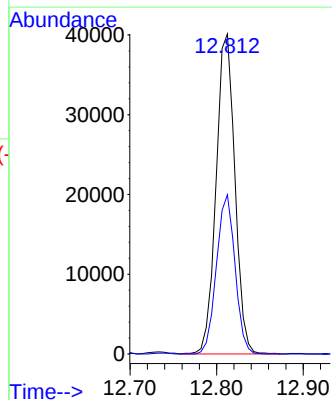
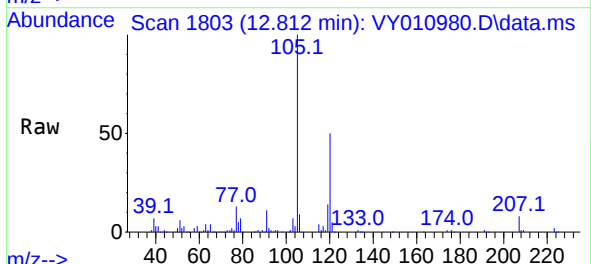
Acq: 17 Oct 2022 19:15

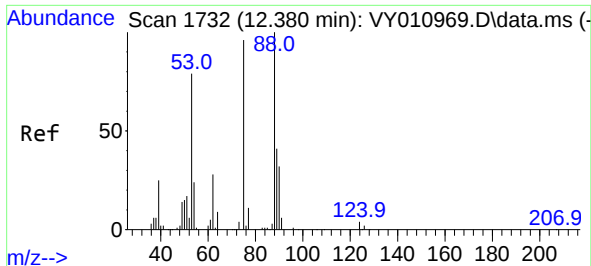
Tgt Ion: 105 Resp: 60495

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4

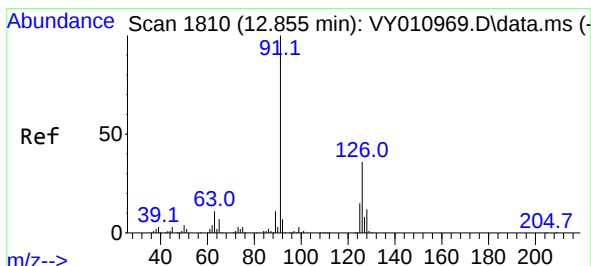
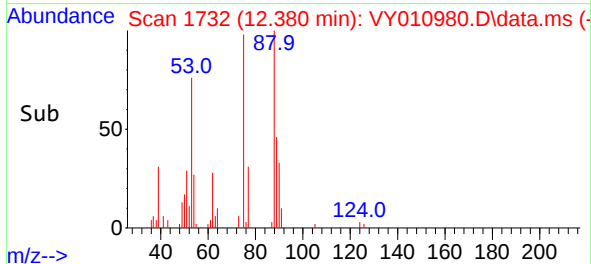
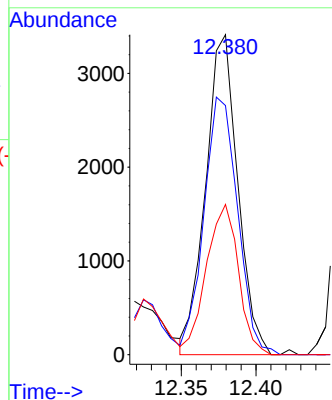
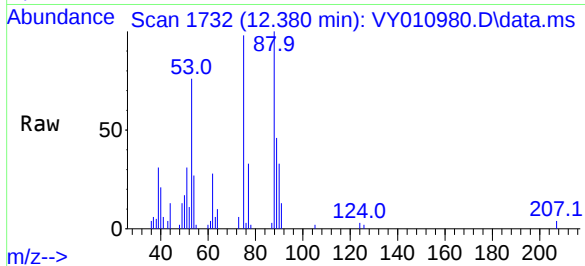




#81
trans-1,4-Dichloro-2-butene
Concen: 4.868 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

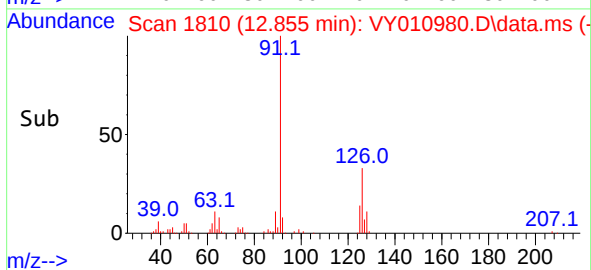
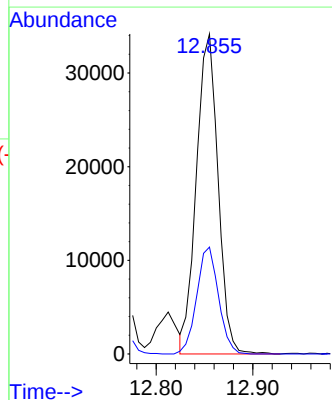
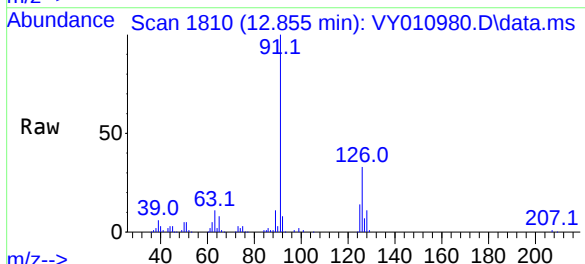
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

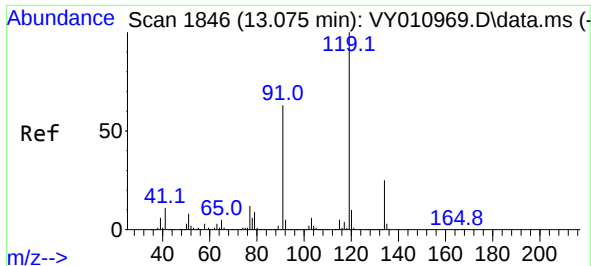
Tgt Ion: 75 Resp: 5104
Ion Ratio Lower Upper
75 100
53 84.5 85.3 127.9#
89 47.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.173 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion: 91 Resp: 53256
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0

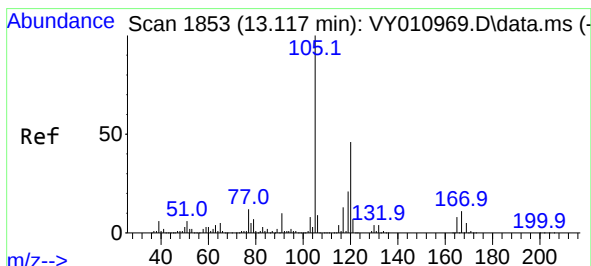
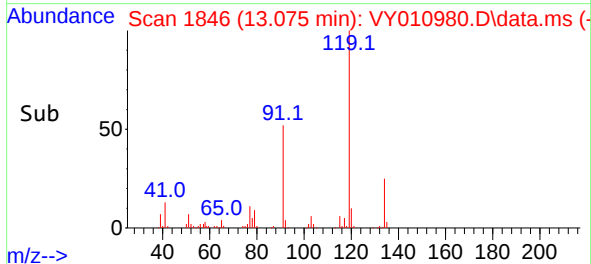
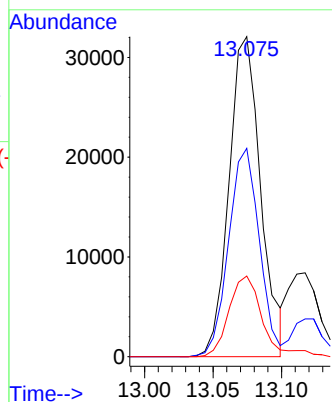
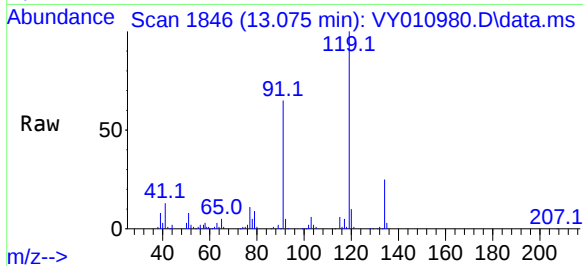




#83
tert-Butylbenzene
Concen: 4.973 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

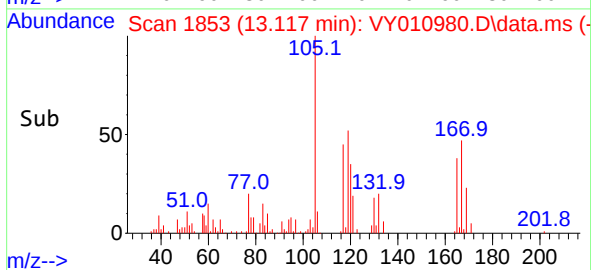
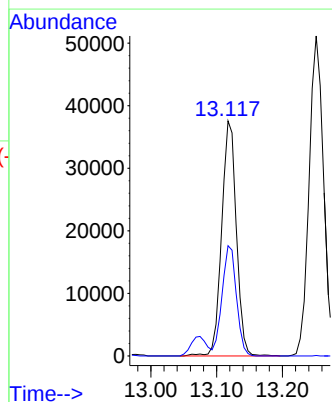
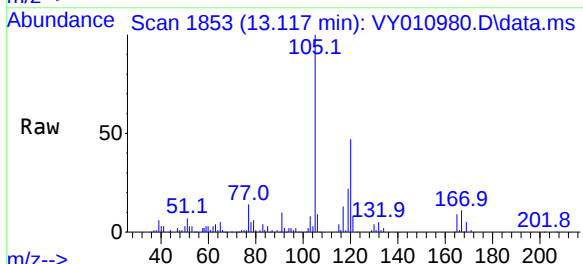
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

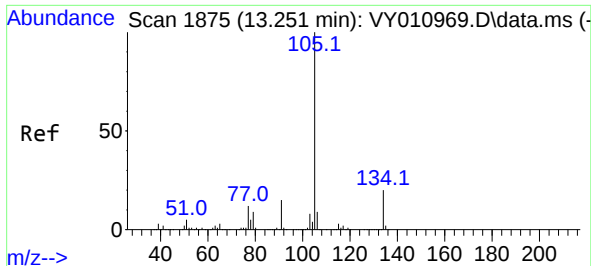
Tgt Ion:	119	Resp:	51771
Ion	Ratio	Lower	Upper
119	100		
91	63.0	34.8	104.4
134	26.6	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.917 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	105	Resp:	58376
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9

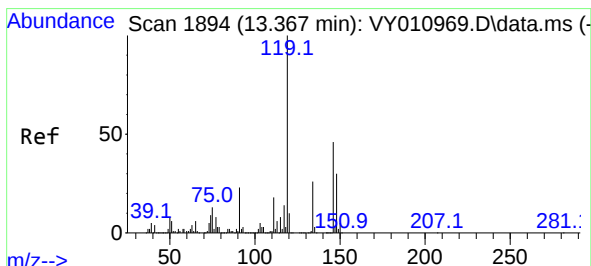
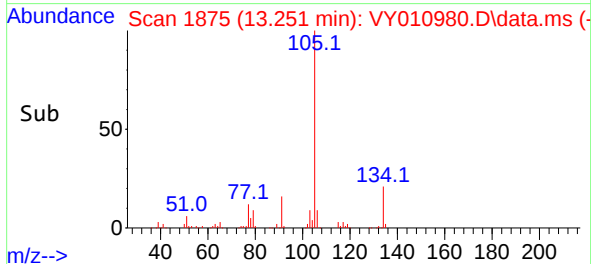
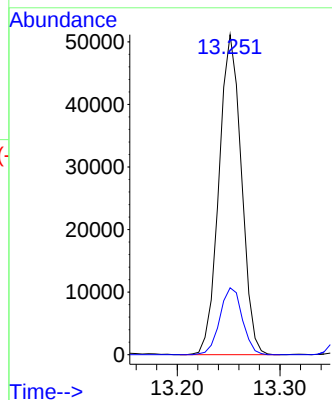
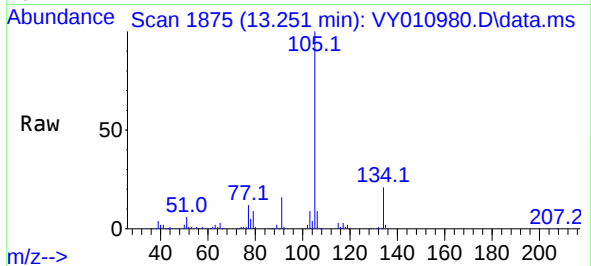




#85
 sec-Butylbenzene
 Concen: 4.955 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010980.D
 Acq: 17 Oct 2022 19:15

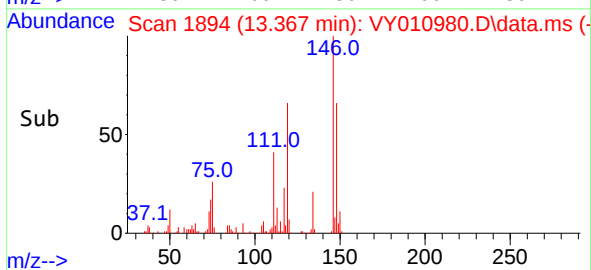
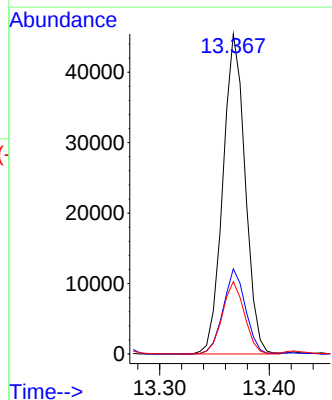
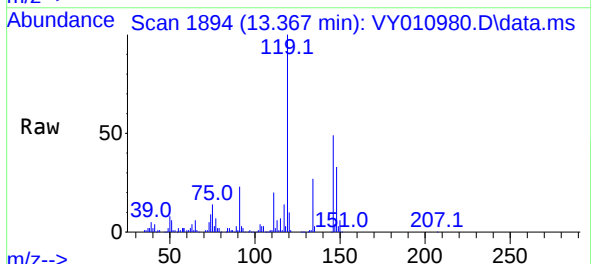
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

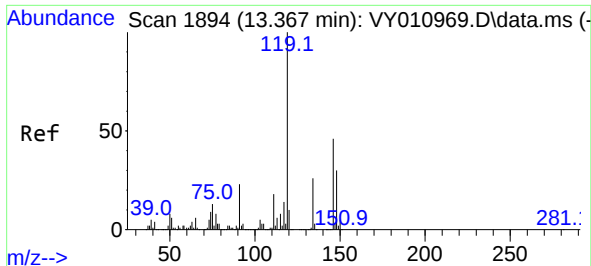
Tgt Ion:105 Resp: 77521
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.938 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010980.D
 Acq: 17 Oct 2022 19:15

Tgt Ion:119 Resp: 64087
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.231 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT4-2022

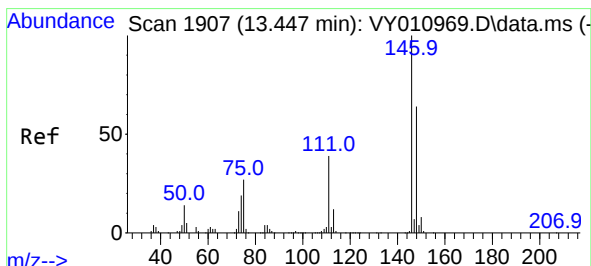
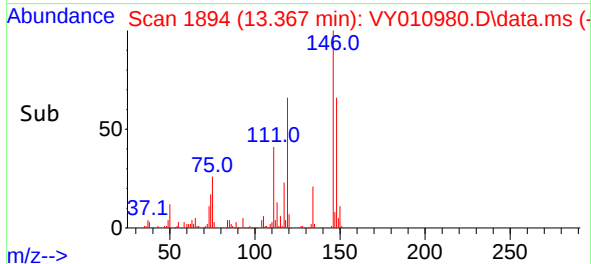
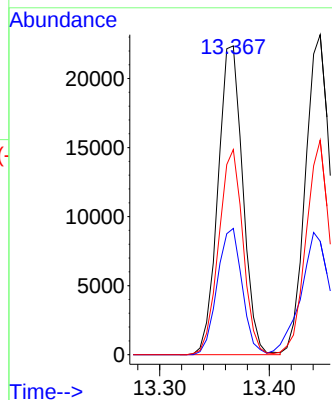
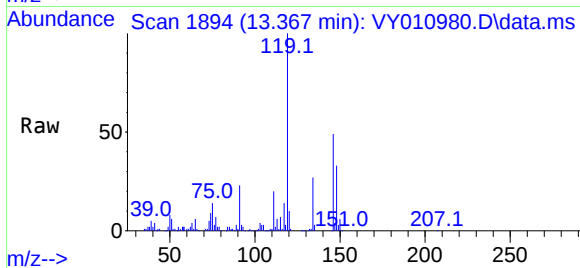
Tgt Ion:146 Resp: 35210

Ion Ratio Lower Upper

146 100

111 40.9 19.5 58.5

148 64.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 5.450 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

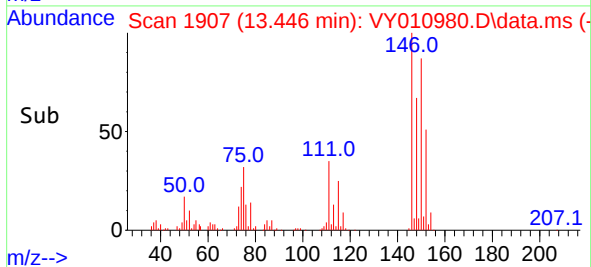
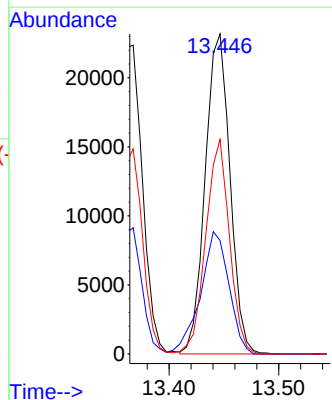
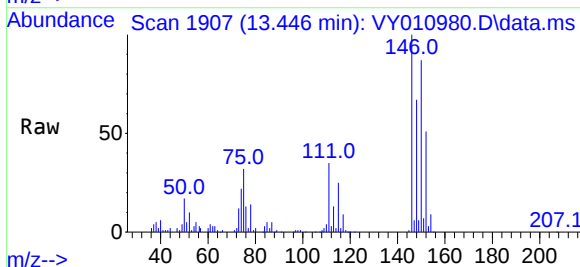
Tgt Ion:146 Resp: 36479

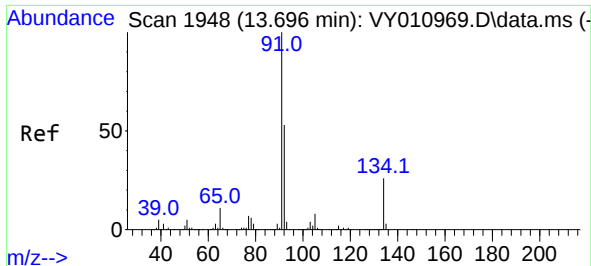
Ion Ratio Lower Upper

146 100

111 43.9 19.3 57.8

148 64.2 32.6 97.8

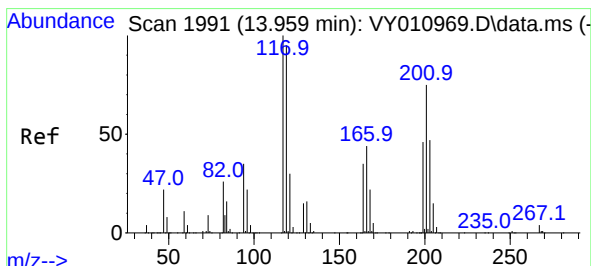
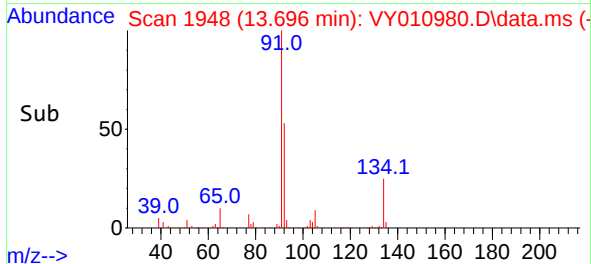
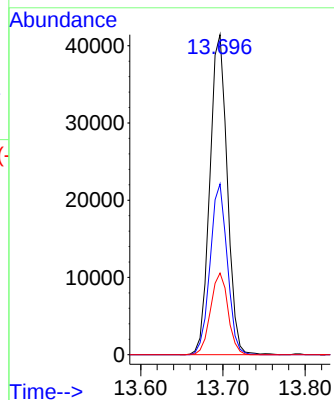
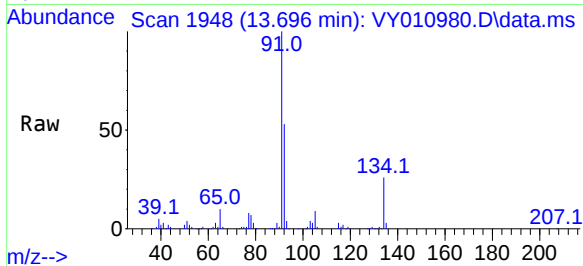




#89
n-Butylbenzene
Concen: 5.024 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

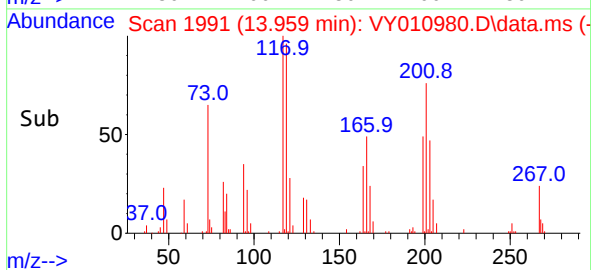
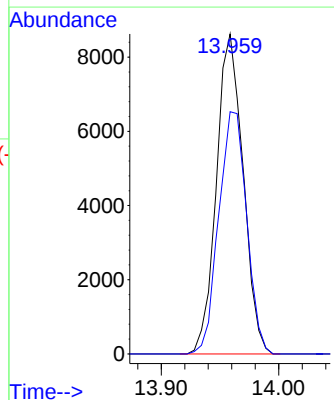
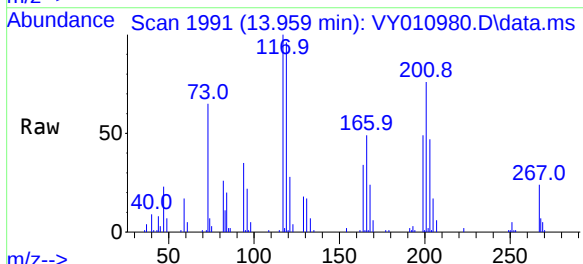
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT4-2022

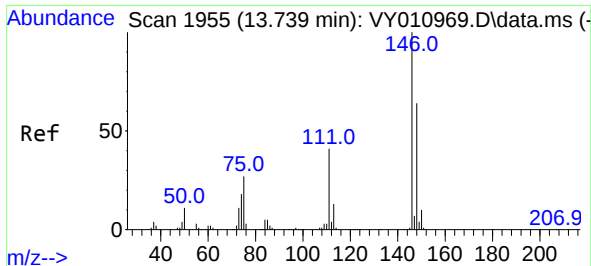
Tgt Ion:	91	Resp:	60933
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	25.6	13.0	38.9



#90
Hexachloroethane
Concen: 5.318 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	117	Resp:	13620
Ion	Ratio	Lower	Upper
117	100		
201	79.2	43.0	128.8





#91

1,2-Dichlorobenzene

Concen: 5.179 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT4-2022

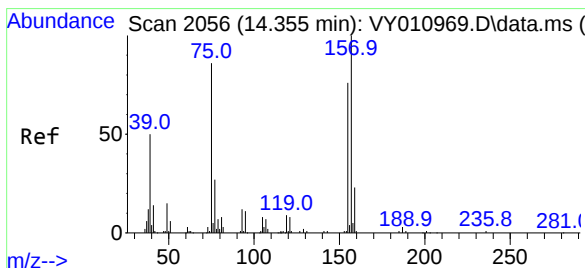
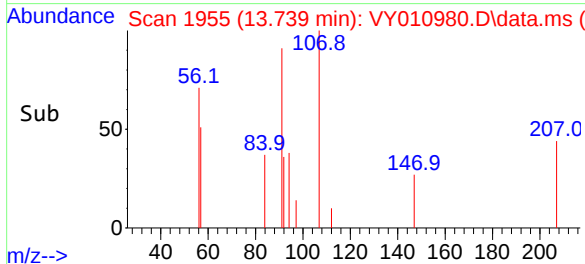
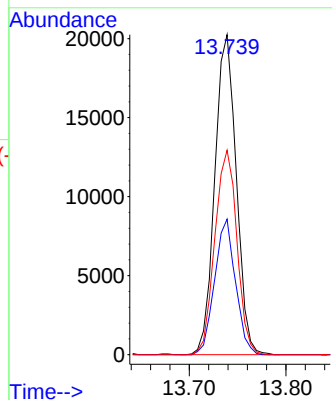
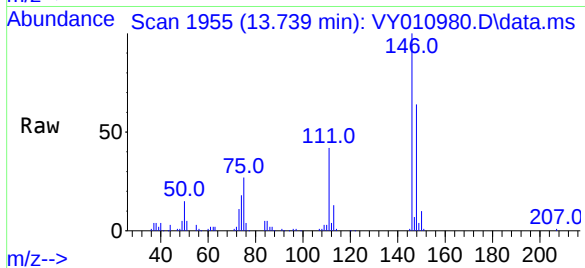
Tgt Ion:146 Resp: 31189

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 65.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.179 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010980.D

Acq: 17 Oct 2022 19:15

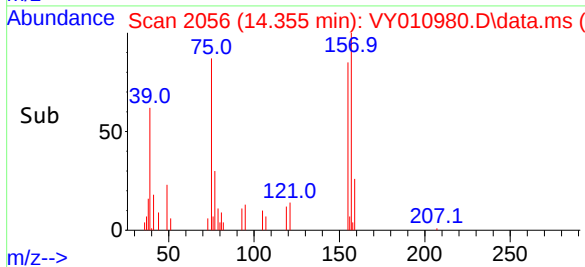
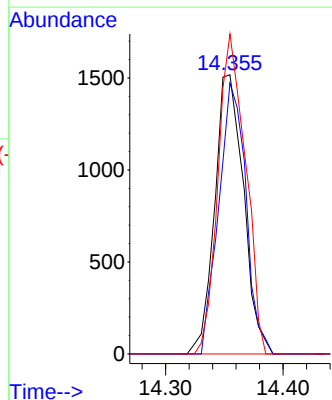
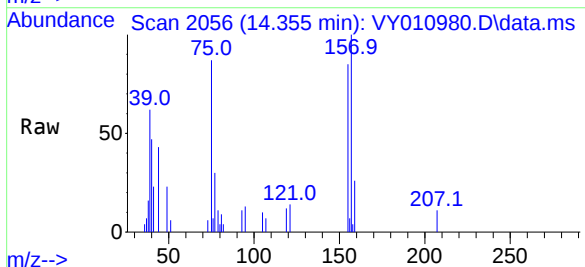
Tgt Ion: 75 Resp: 2593

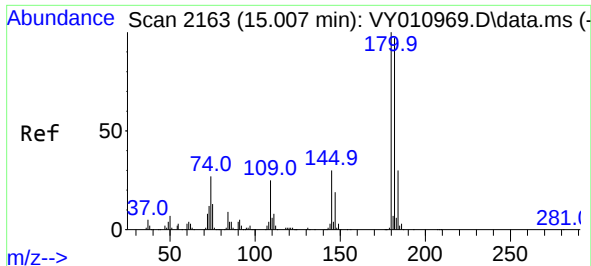
Ion Ratio Lower Upper

75 100

155 91.2 38.0 113.9

157 109.1 47.8 143.3

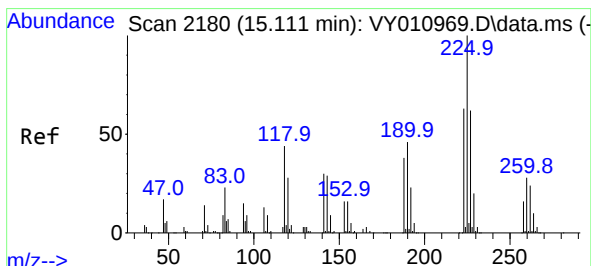
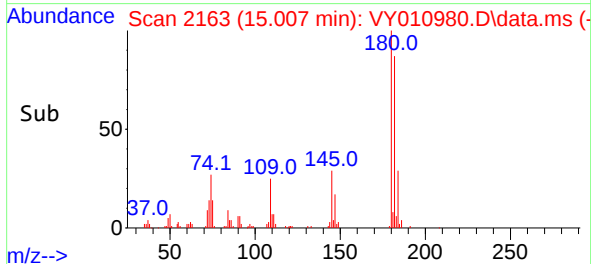
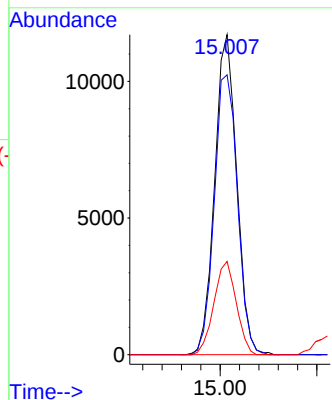
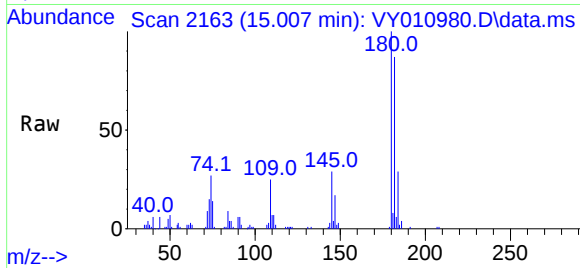




#93
1,2,4-Trichlorobenzene
Concen: 5.142 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

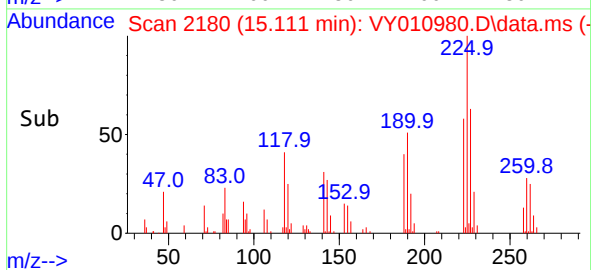
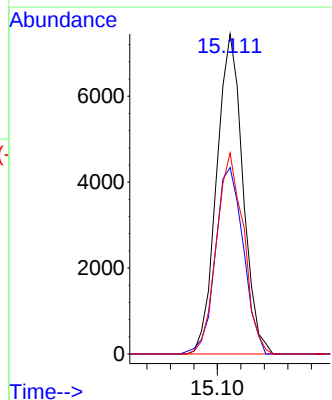
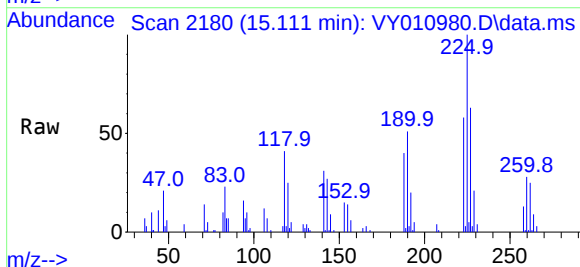
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

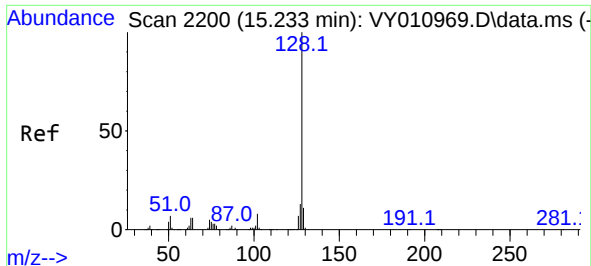
Tgt Ion:	180	Resp:	18509
Ion Ratio	Lower	Upper	
180	100		
182	92.1	47.3	141.9
145	29.5	14.6	43.8



#94
Hexachlorobutadiene
Concen: 5.456 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	225	Resp:	11560
Ion Ratio	Lower	Upper	
225	100		
223	62.0	30.8	92.3
227	65.0	31.6	94.7

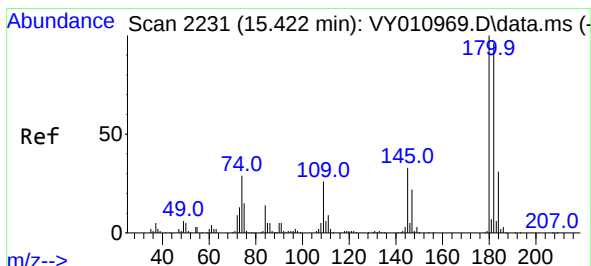
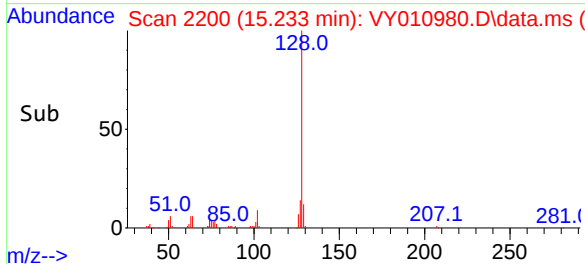
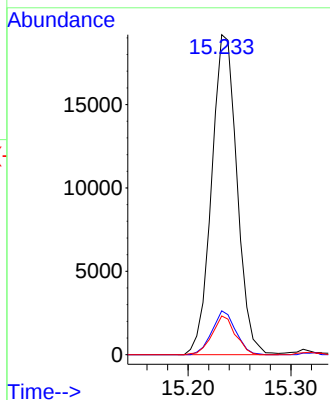
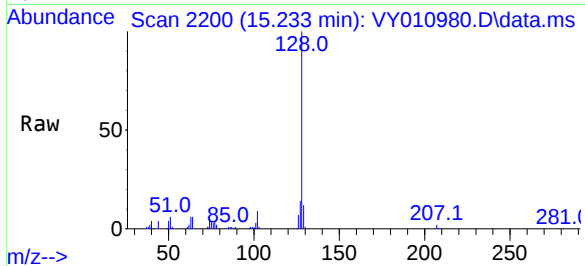




#95
Naphthalene
Concen: 4.489 ug/l
RT: 15.233 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Tgt Ion:	128	Resp:	32908
Ion	Ratio	Lower	Upper
128	100		
127	12.8	11.0	16.4
129	11.1	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 5.007 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010980.D
Acq: 17 Oct 2022 19:15

Tgt Ion:	180	Resp:	15722
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.9
145	33.0	15.3	45.9

