

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045287.D
 Acq On : 12 Oct 2021 12:58
 Operator : SY/MD
 Sample : M3263-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

Manual Integrations
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Quant Time: Oct 13 02:52:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	260285	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	259389	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	113635	39.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.760%
7) Chloroethane-d5	1.884	69	97563	43.209	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.420%
11) 1,1-Dichloroethene-d2	2.559	63	149644	31.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.540%
21) 2-Butanone-d5	4.629	46	209420	92.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.970%
24) Chloroform-d	5.067	84	198835	44.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	5.703	65	144190	47.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
32) Benzene-d6	5.729	84	420913	46.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	6.694	67	137773	46.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	7.903	98	362851	46.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
43) trans-1,3-Dichloroprop...	8.182	79	63119	48.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	8.639	63	150181	92.340	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	226590	49.581	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	12.198	152	135235	51.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	5485	2.201	ug/L	98
3) Chloromethane	1.520	50	7690	2.475	ug/L	97
5) Vinyl chloride	1.604	62	7546	2.479	ug/L #	22
6) Bromomethane	1.829	94	2416	1.655	ug/L	93
8) Chloroethane	1.906	64	4679m	2.450	ug/L	
9) Trichlorofluoromethane	2.121	101	7930	2.276	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	6148	2.796	ug/L #	86
12) 1,1-Dichloroethene	2.572	96	5840	2.897	ug/L #	1
13) Acetone	2.636	43	8838	3.394	ug/L	97
14) Carbon disulfide	2.784	76	14439	2.236	ug/L	100
15) Methyl Acetate	2.954	43	8744	2.723	ug/L	99
16) Methylene chloride	3.047	84	7405	2.900	ug/L	90
17) trans-1,2-Dichloroethene	3.353	96	4930	2.322	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	18209	2.601	ug/L	97
19) 1,1-Dichloroethane	3.871	63	10856	2.458	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	5740	2.453	ug/L	100
22) 2-Butanone	4.716	43	11248	3.860	ug/L	95
23) Bromochloromethane	4.980	128	2961	2.496	ug/L	92
25) Chloroform	5.089	83	13840	3.152	ug/L	94

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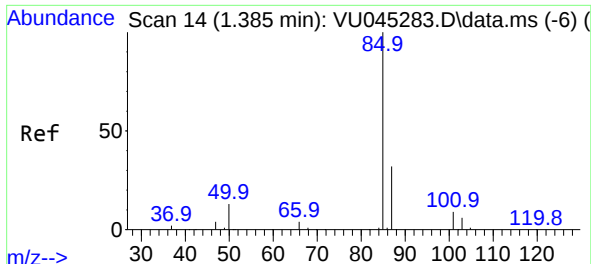
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	9408	2.561	ug/L	96
29) Cyclohexane	5.391	56	8525	2.186	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	8260	2.300	ug/L	98
31) Carbon tetrachloride	5.523	117	6160	2.172	ug/L	97
33) Benzene	5.777	78	23713	2.465	ug/L	100
34) Trichloroethene	6.546	95	5529	2.393	ug/L	95
35) Methylcyclohexane	6.764	83	8569	2.215	ug/L	98
37) 1,2-Dichloropropane	6.793	63	6578	2.511	ug/L	98
38) Bromodichloromethane	7.108	83	7656	2.384	ug/L	95
39) cis-1,3-Dichloropropene	7.613	75	8883	2.370	ug/L	95
40) 4-Methyl-2-pentanone	7.797	43	20277	4.634	ug/L	99
42) Toluene	7.973	91	30362	3.106	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	8921	2.503	ug/L	90
45) 1,1,2-Trichloroethane	8.407	97	6128	2.581	ug/L	97
46) Tetrachloroethene	8.555	164	3988	2.415	ug/L	95
48) 2-Hexanone	8.690	43	20485	5.279	ug/L	99
49) Dibromochloromethane	8.816	129	5574	2.374	ug/L	98
50) 1,2-Dibromoethane	8.925	107	6338	2.550	ug/L #	99
51) Chlorobenzene	9.449	112	15231	2.524	ug/L	96
52) Ethylbenzene	9.575	91	24436	2.366	ug/L	97
53) m,p-Xylene	9.697	106	9226	2.358	ug/L	88
54) o-xylene	10.102	106	9099	2.367	ug/L	96
55) Styrene	10.118	104	14384	2.176	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	12486	2.747	ug/L	96
59) Bromoform	10.295	173	3944	2.624	ug/L #	96
60) 1,2,3-Trichloropropane	10.829	75	9466	2.824	ug/L	99
61) Isopropylbenzene	10.488	105	22550	2.543	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	17763	2.398	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	18218	2.402	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	10589	2.584	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	11000	2.616	ug/L	96
67) 1,2-Dichlorobenzene	12.218	146	11224	2.668	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.999	75	2152	2.234	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	6673	2.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	5408	2.288	ug/L	98
71) Naphthalene	14.092	128	18528	2.262	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	5597	2.314	ug/L	97

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



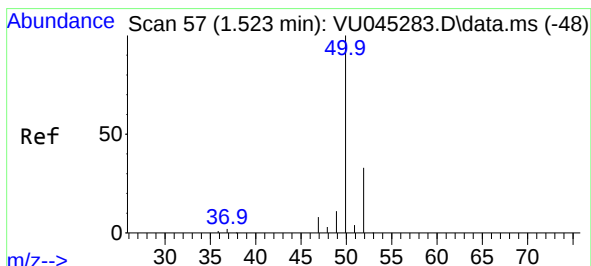
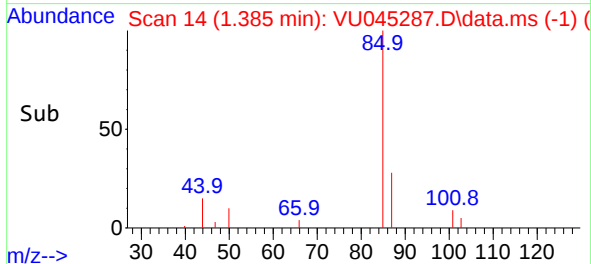
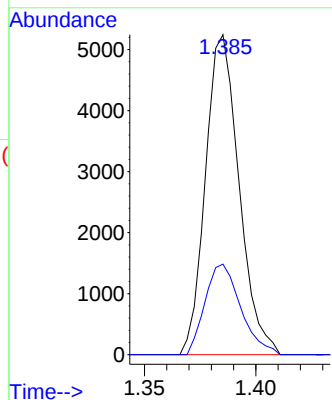
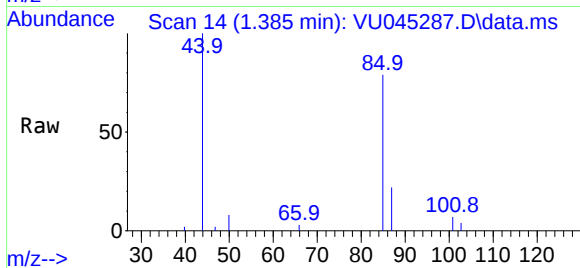
#2
Dichlorodifluoromethane
Concen: 2.201 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 85 Resp: 5485
Ion Ratio Lower Upper
85 100
87 30.1 25.2 37.8

Instrument :
MSVOA_U
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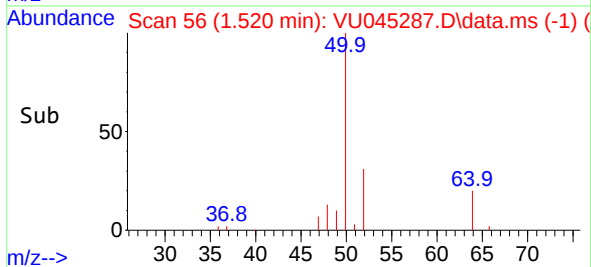
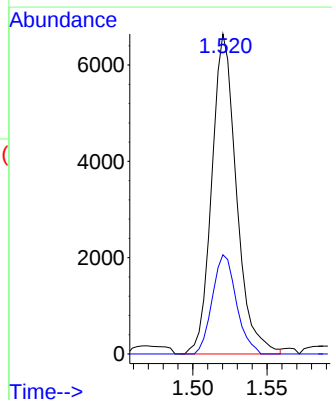
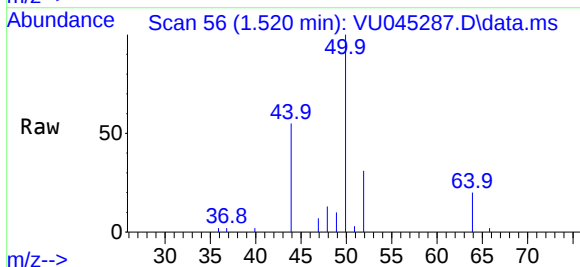
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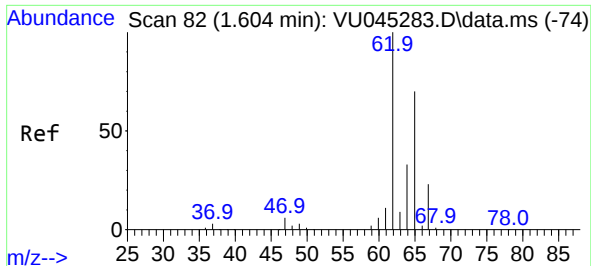
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#3
Chloromethane
Concen: 2.475 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

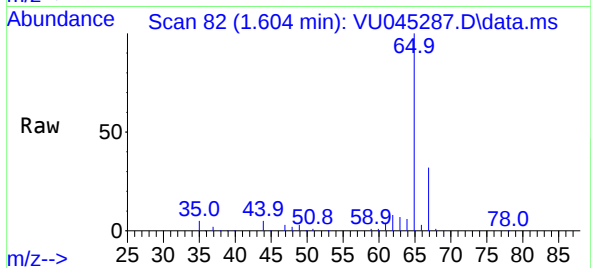
Tgt Ion: 50 Resp: 7690
Ion Ratio Lower Upper
50 100
52 31.0 23.0 42.8





#5
 Vinyl chloride
 Concen: 2.479 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045287.D
 Acq: 12 Oct 2021 12:58

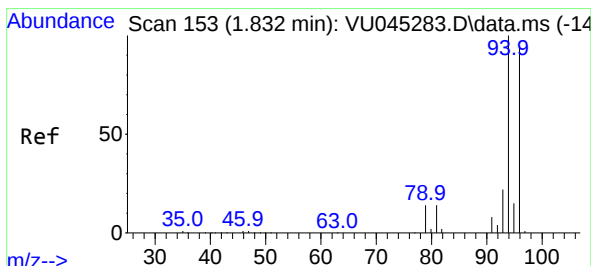
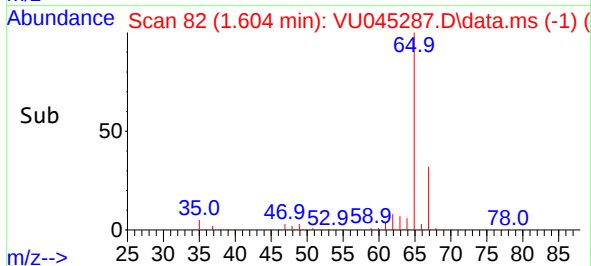
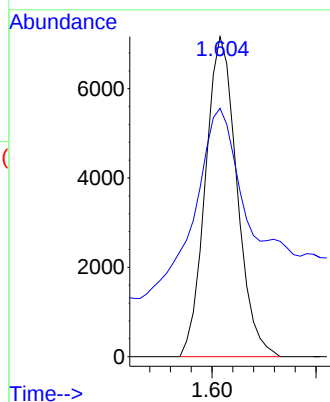
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08



Tgt Ion: 62 Resp: 7546
 Ion Ratio Lower Upper
 62 100
 64 77.6 23.4 43.6#

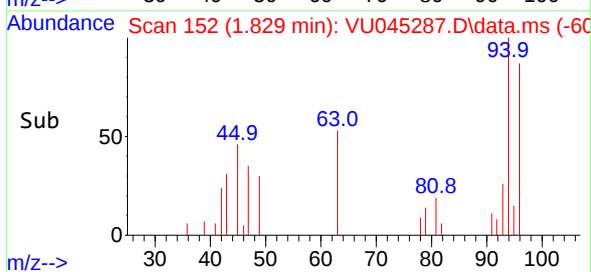
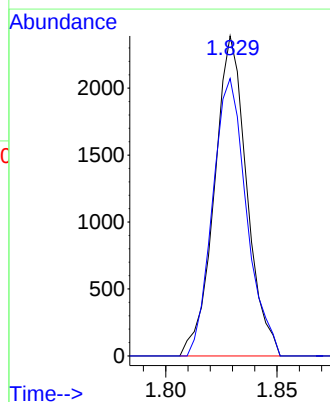
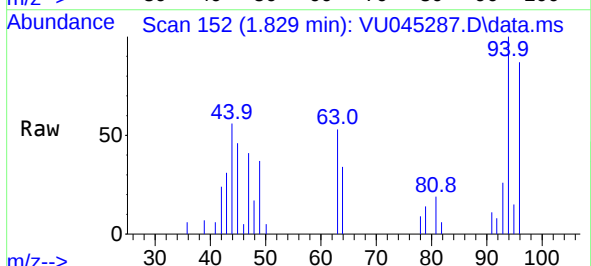
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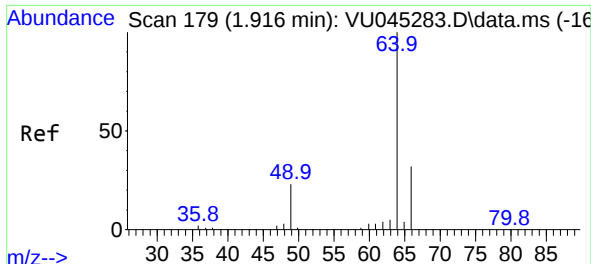
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#6
 Bromomethane
 Concen: 1.655 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.003 min
 Lab File: VU045287.D
 Acq: 12 Oct 2021 12:58

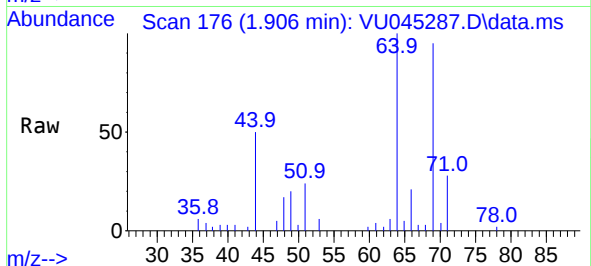
Tgt Ion: 94 Resp: 2416
 Ion Ratio Lower Upper
 94 100
 96 86.7 65.7 121.9





#8
Chloroethane
Concen: 2.450 ug/L m
RT: 1.906 min Scan# 176
Delta R.T. -0.010 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

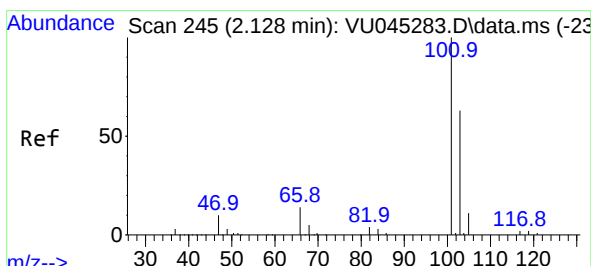
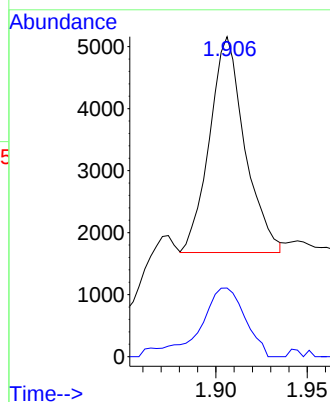
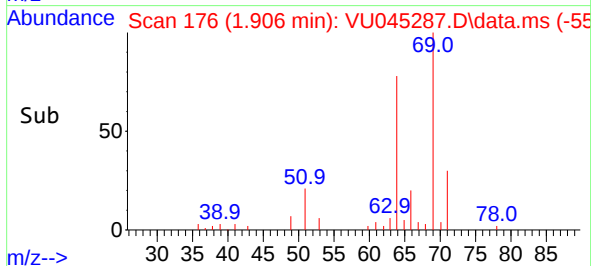
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



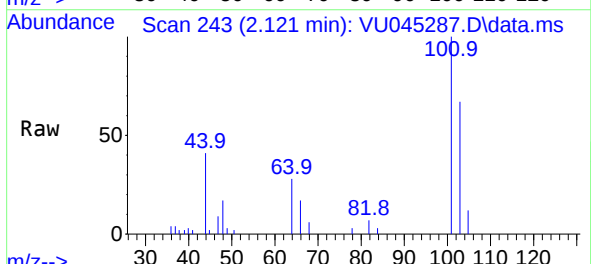
Tgt Ion: 64 Resp: 4679
Ion Ratio Lower Upper
64 100
66 21.4 22.3 41.3#

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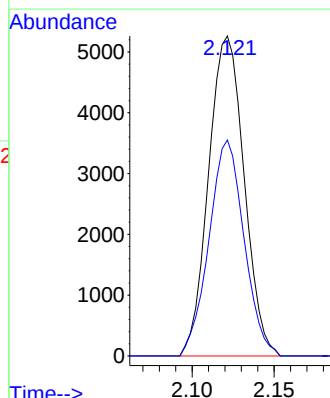
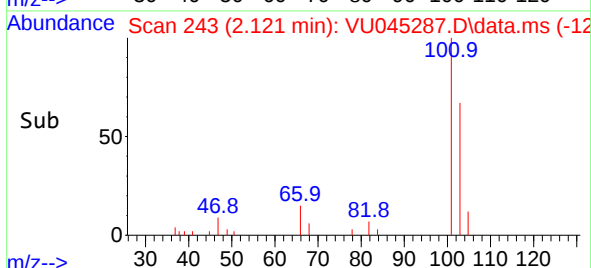
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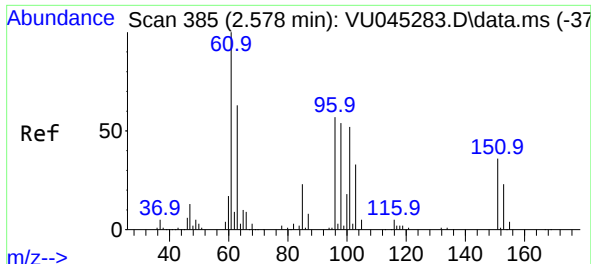


#9
Trichlorofluoromethane
Concen: 2.276 ug/L
RT: 2.121 min Scan# 243
Delta R.T. -0.006 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



Tgt Ion: 101 Resp: 7930
Ion Ratio Lower Upper
101 100
103 66.5 50.9 76.3





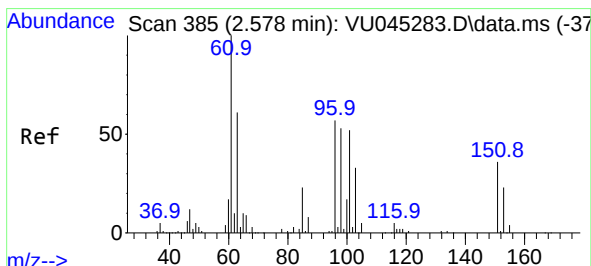
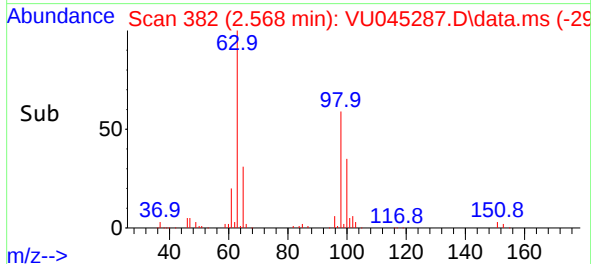
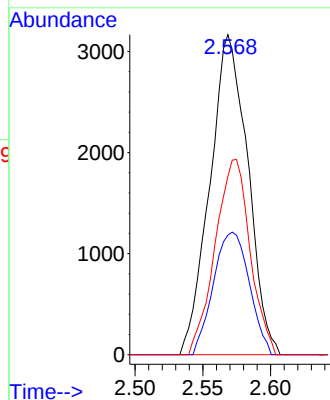
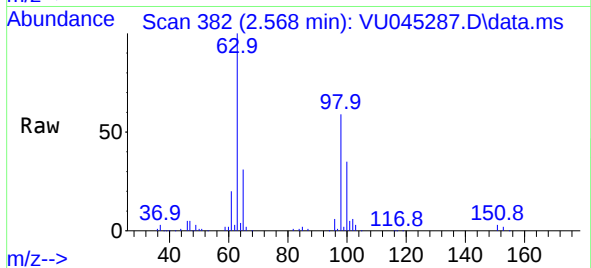
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.796 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 101 Resp: 6148
Ion Ratio Lower Upper
101 100
85 36.3 36.4 54.6#
151 56.2 54.4 81.6

Instrument :
MSVOA_U
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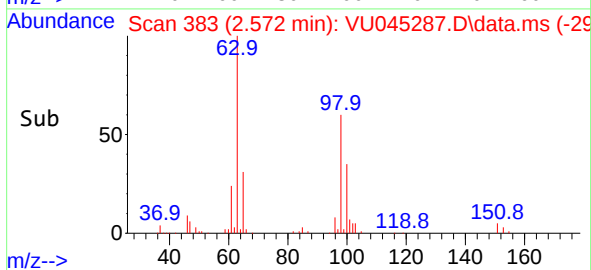
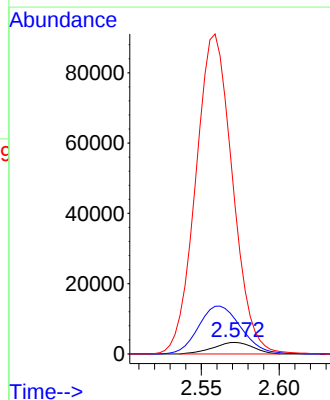
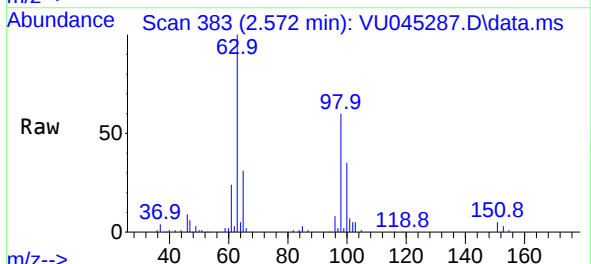
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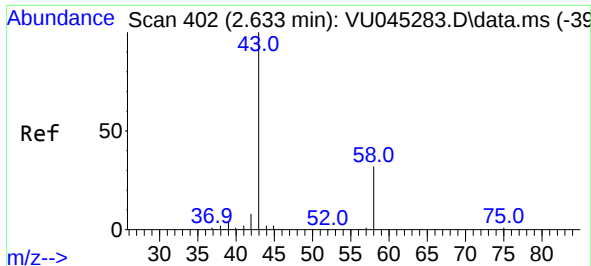
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#12
1,1-Dichloroethene
Concen: 2.897 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

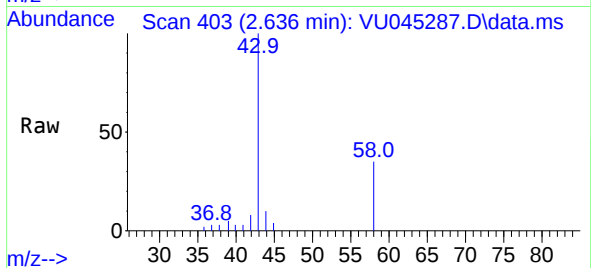
Tgt Ion: 96 Resp: 5840
Ion Ratio Lower Upper
96 100
61 300.6 131.3 243.9#
63 1278.0 102.5 190.3#





#13
Acetone
Concen: 3.394 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

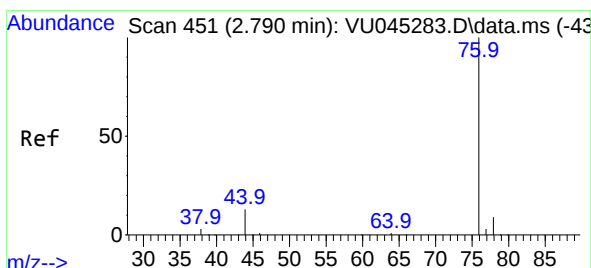
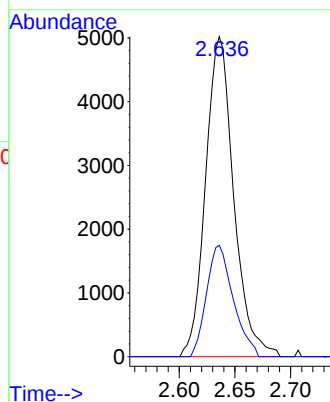
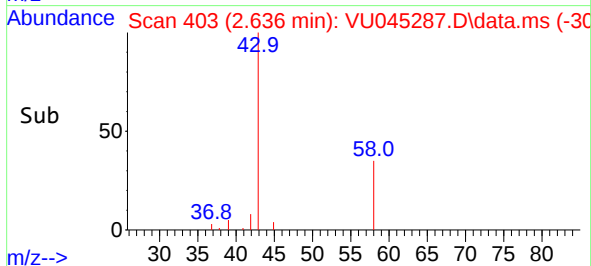
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



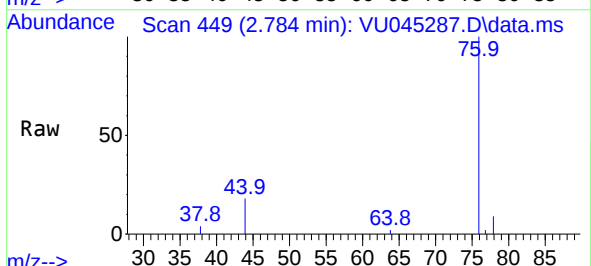
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Ion Ratio Lower Upper
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Manual Integrations
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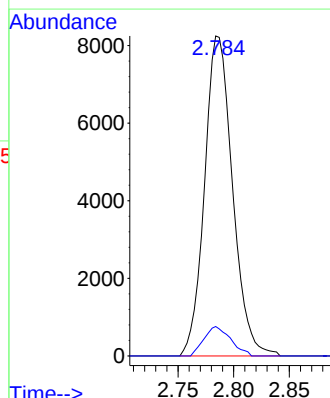
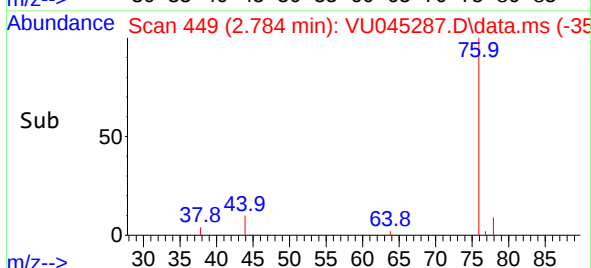
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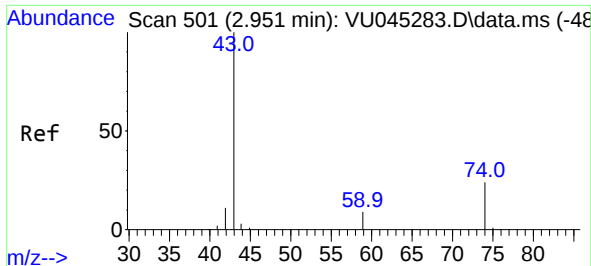


#14
Carbon disulfide
Concen: 2.236 ug/L
RT: 2.784 min Scan# 449
Delta R.T. -0.006 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



Tgt Ion: 76 Resp: 14439
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





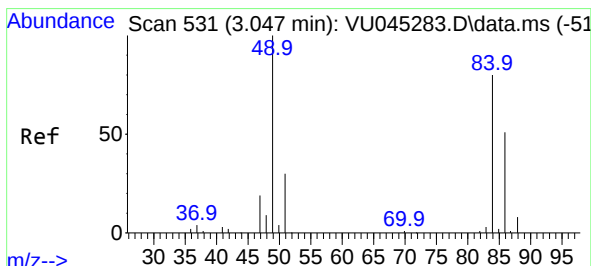
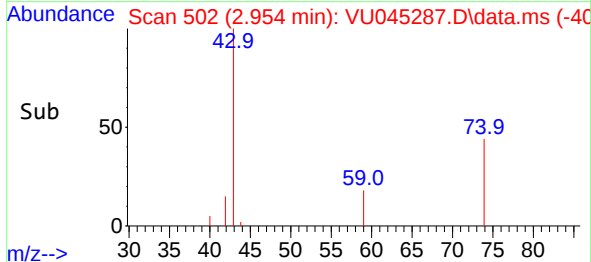
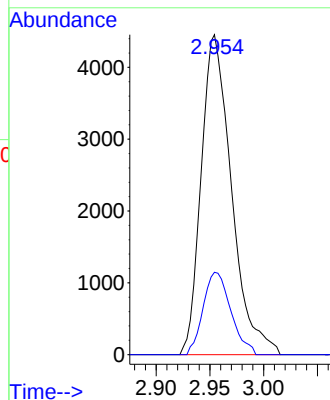
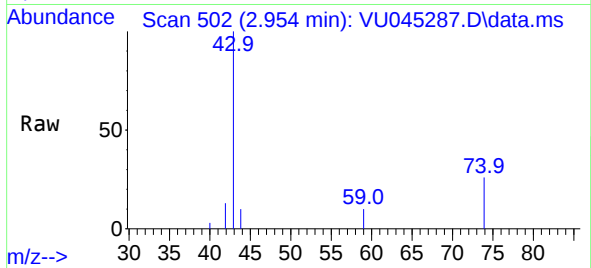
#15
Methyl Acetate
Concen: 2.723 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 43 Resp: 8744
Ion Ratio Lower Upper
43 100
74 23.5 18.4 27.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

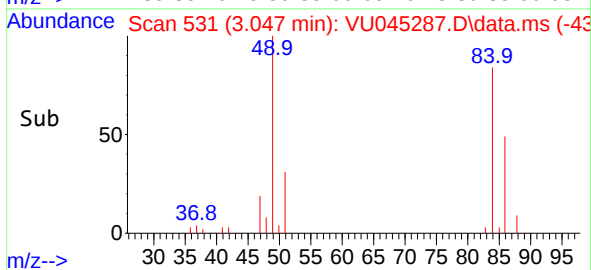
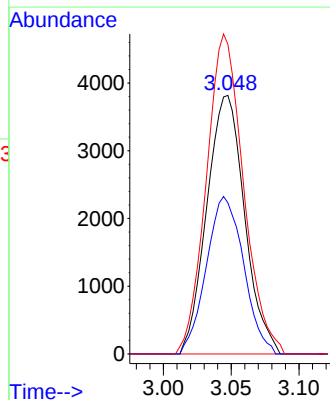
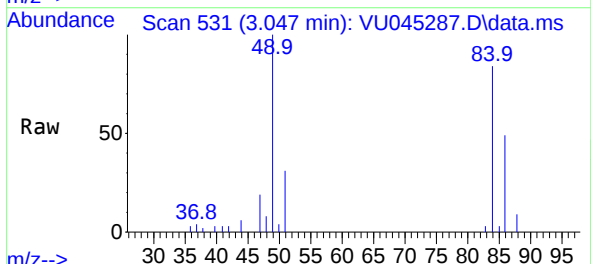
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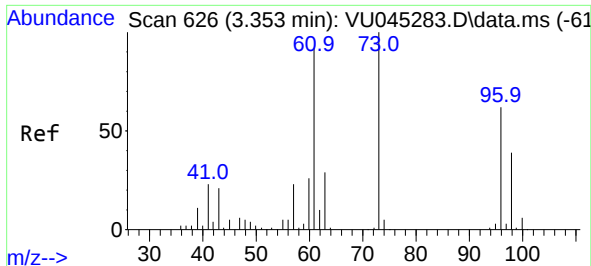
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#16
Methylene chloride
Concen: 2.900 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 84 Resp: 7405
Ion Ratio Lower Upper
84 100
86 58.5 44.7 83.1
49 119.7 92.9 172.5





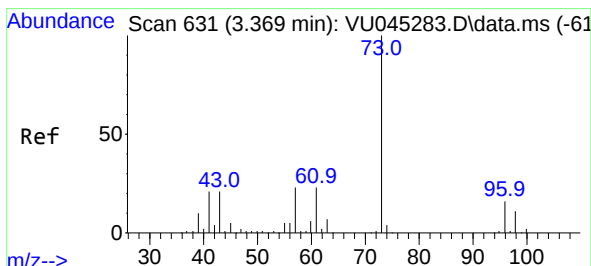
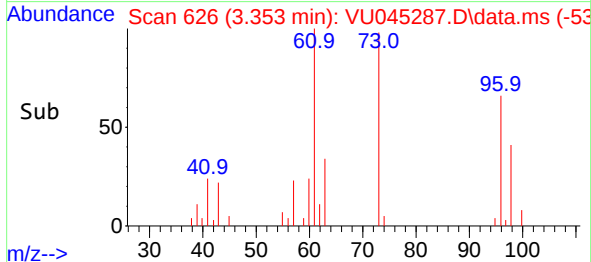
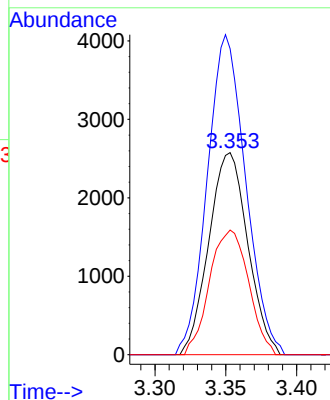
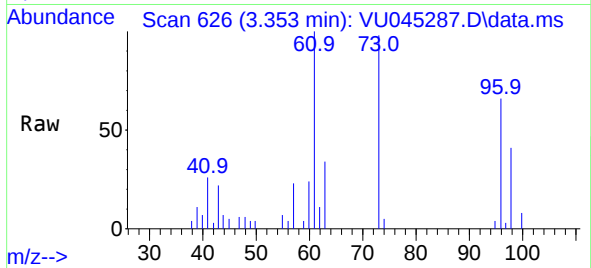
#17
trans-1,2-Dichloroethene
Concen: 2.322 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 96 Resp: 4930
Ion Ratio Lower Upper
96 100
61 151.3 105.1 195.3
98 61.7 43.0 79.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

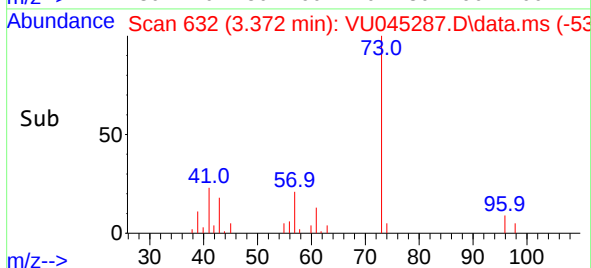
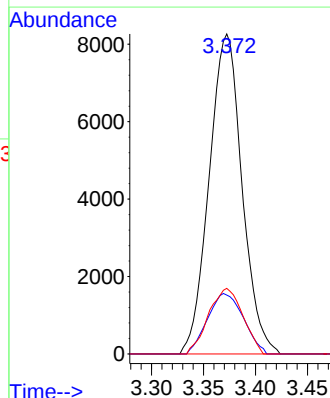
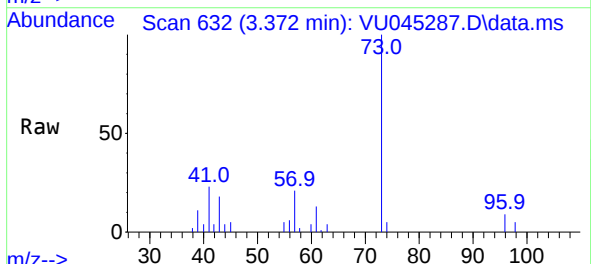
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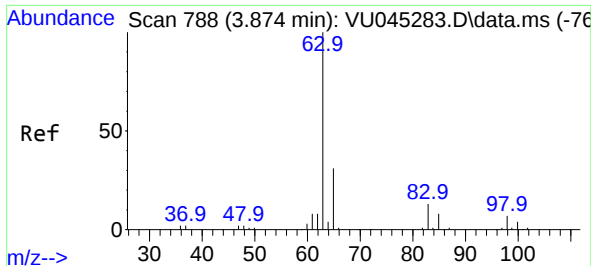
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#18
Methyl tert-butyl Ether
Concen: 2.601 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 73 Resp: 18209
Ion Ratio Lower Upper
73 100
43 20.6 17.3 25.9
57 21.4 18.7 28.1





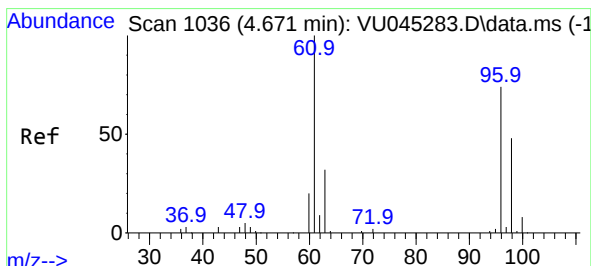
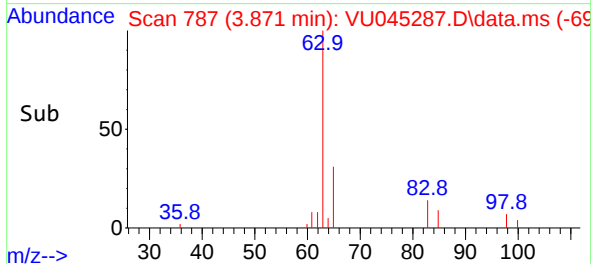
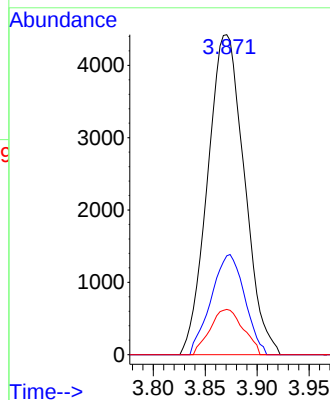
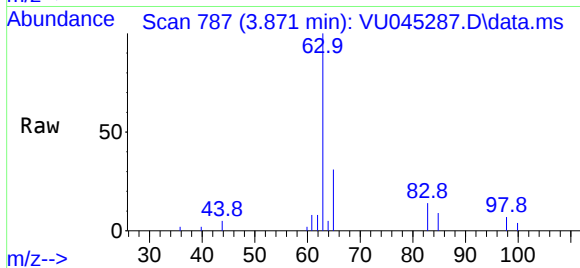
#19
1,1-Dichloroethane
Concen: 2.458 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	63	Resp:	10856
Ion Ratio	Lower	Upper	
63	100		
65	30.9	22.0	40.8
83	14.2	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
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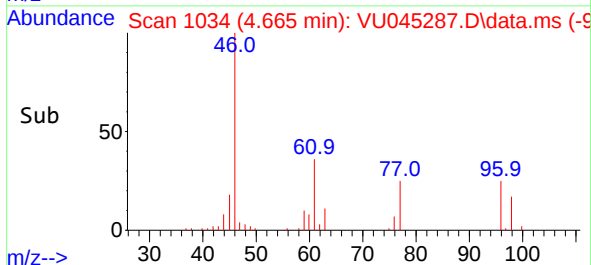
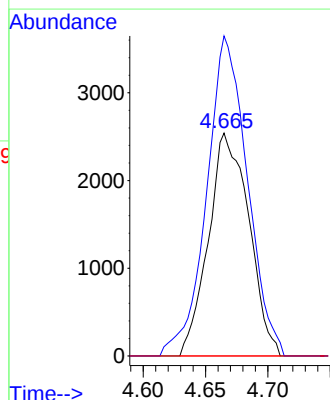
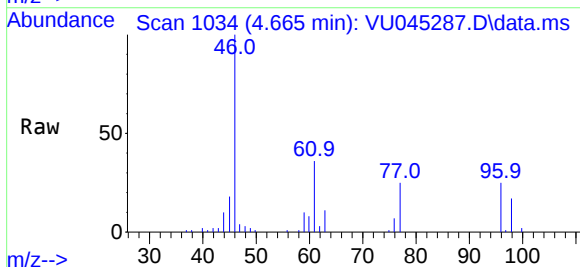
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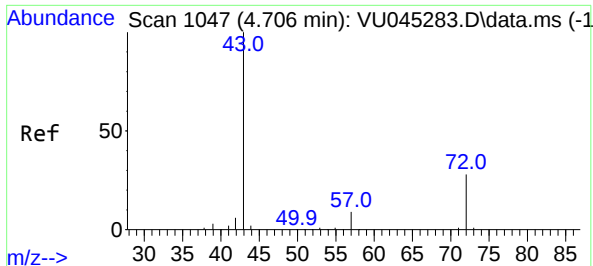
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#20
cis-1,2-Dichloroethene
Concen: 2.453 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	96	Resp:	5740
Ion Ratio	Lower	Upper	
96	100		
61	143.6	100.2	186.0
68	0.0	0.0	0.0





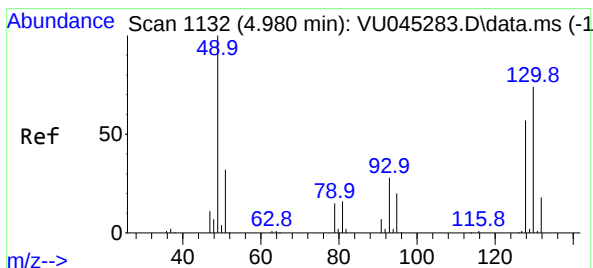
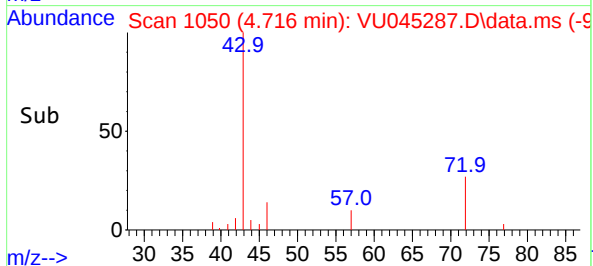
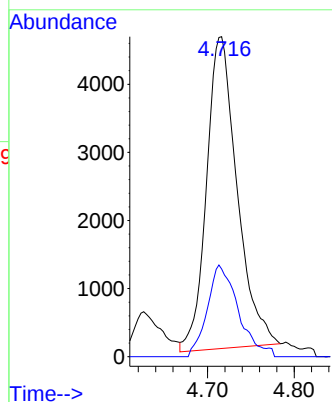
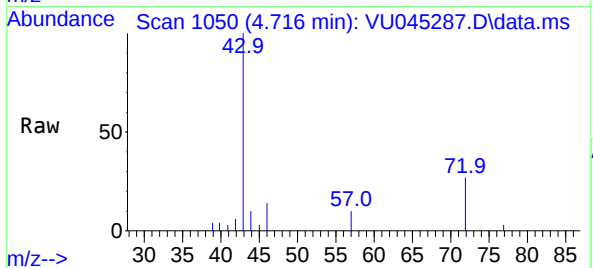
#22
2-Butanone
Concen: 3.860 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 43 Resp: 11248
Ion Ratio Lower Upper
43 100
72 29.2 13.3 39.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

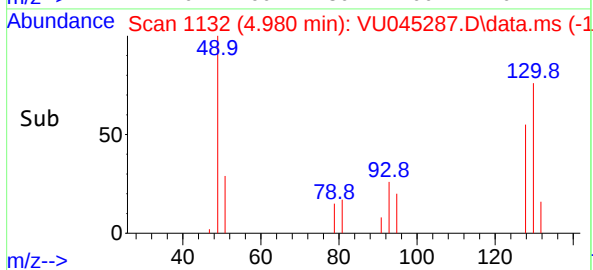
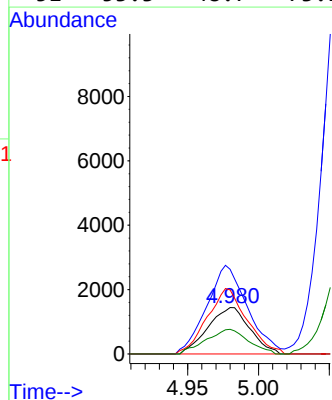
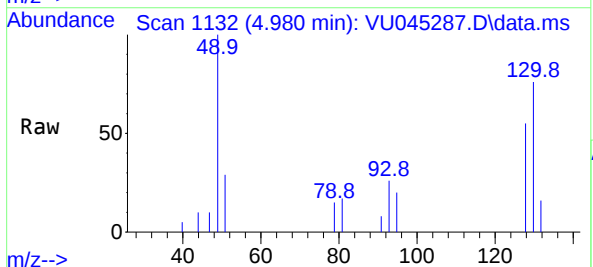
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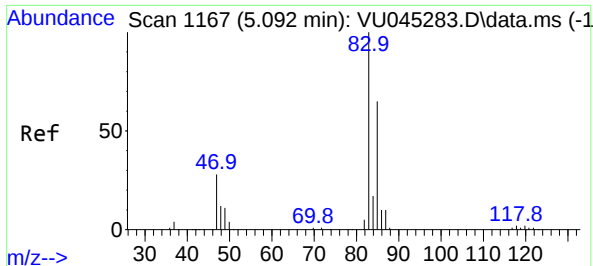
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#23
Bromochloromethane
Concen: 2.496 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 128 Resp: 2961
Ion Ratio Lower Upper
128 100
49 182.5 132.9 246.7
130 138.2 88.2 163.8
51 53.3 48.7 73.1





#25

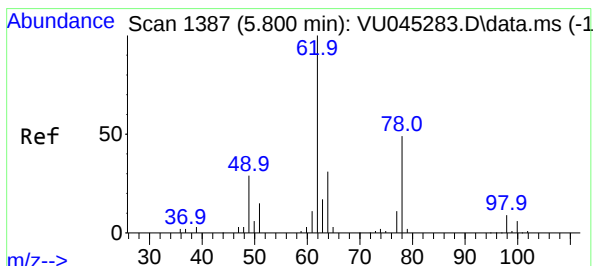
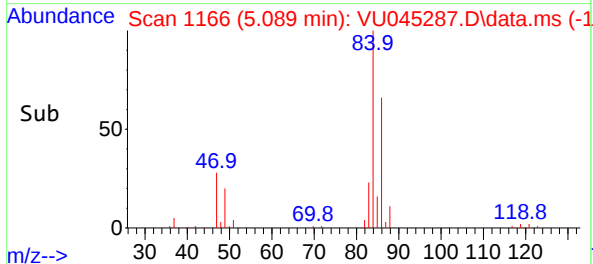
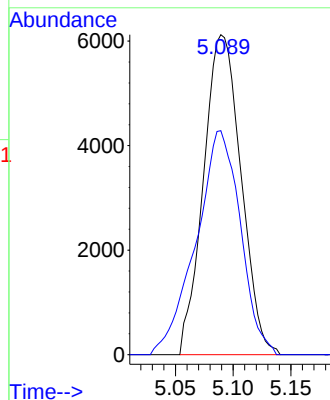
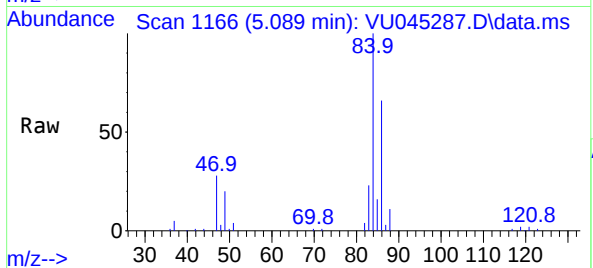
Chloroform
Concen: 3.152 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

Tgt Ion: 83 Resp: 13840
Ion Ratio Lower Upper
83 100
85 70.0 45.6 84.6

Manual Integrations
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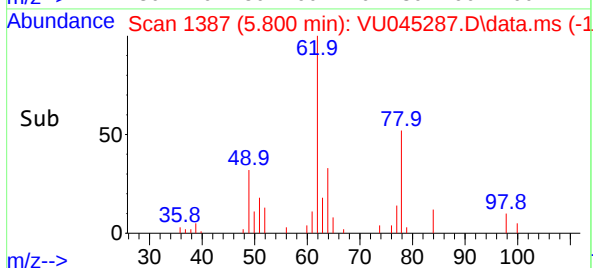
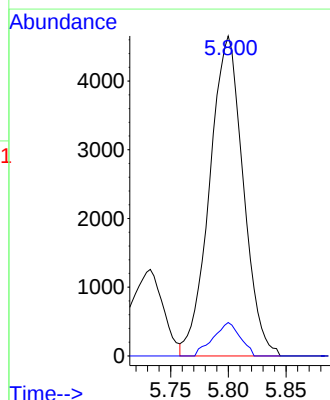
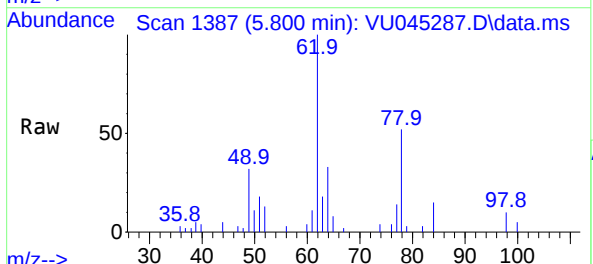
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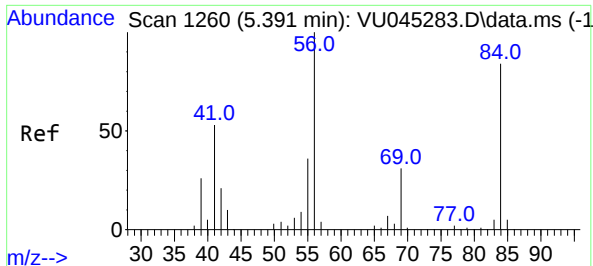


#27

1,2-Dichloroethane
Concen: 2.561 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 62 Resp: 9408
Ion Ratio Lower Upper
62 100
98 10.5 7.1 10.7





#29

Cyclohexane

Concen: 2.186 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045287.D

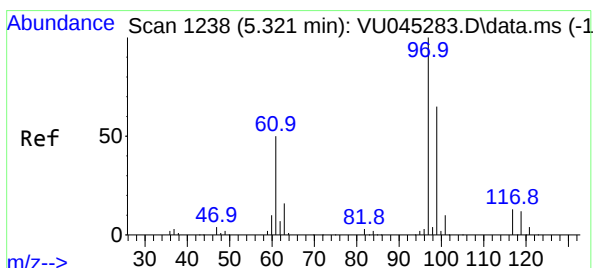
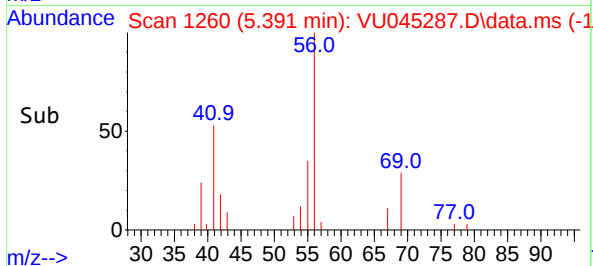
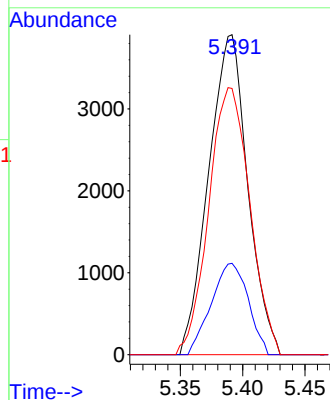
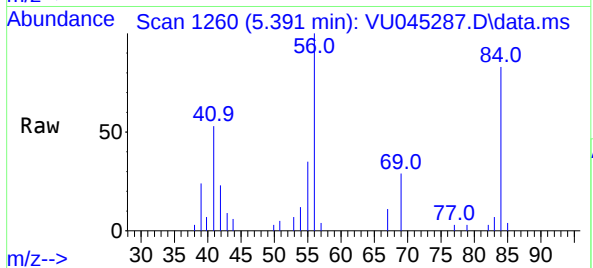
Acq: 12 Oct 2021 12:58

Tgt Ion:	56	Resp:	8525
Ion Ratio	Lower	Upper	
56	100		
69	27.0	23.8	35.8
84	87.5	66.8	100.2

Instrument :
MSVOA_U
ClientSampleId :
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#30

1,1,1-Trichloroethane

Concen: 2.300 ug/L

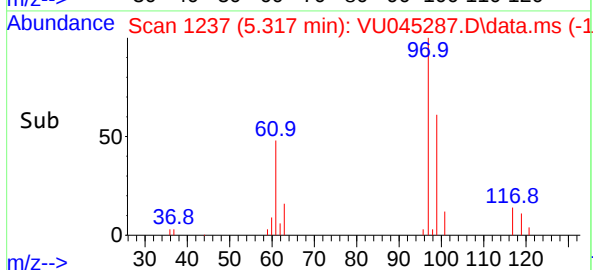
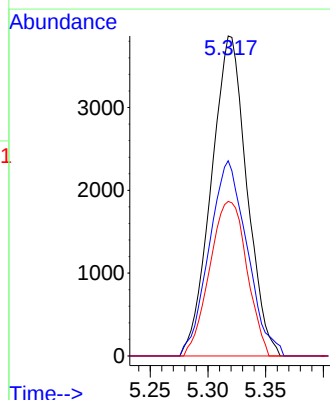
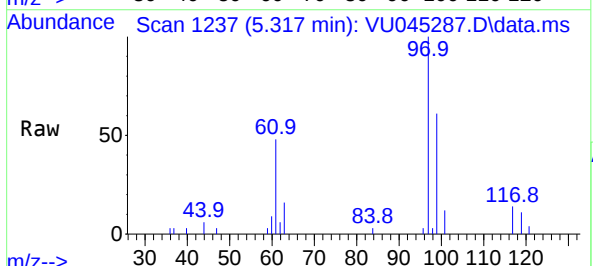
RT: 5.317 min Scan# 1237

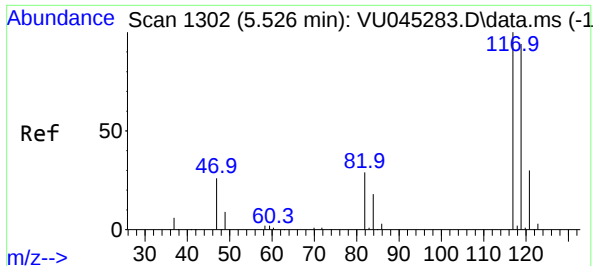
Delta R.T. -0.003 min

Lab File: VU045287.D

Acq: 12 Oct 2021 12:58

Tgt Ion:	97	Resp:	8260
Ion Ratio	Lower	Upper	
97	100		
99	65.3	50.6	75.8
61	50.5	41.3	61.9





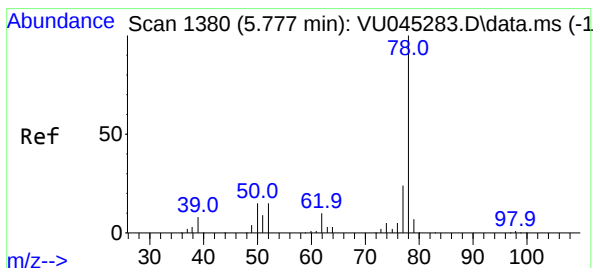
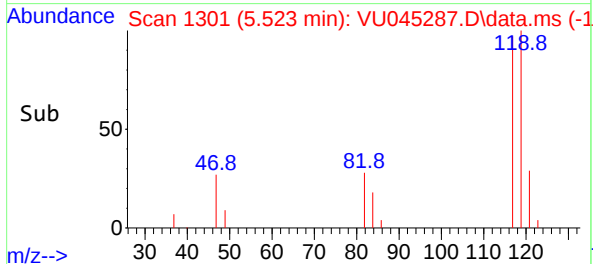
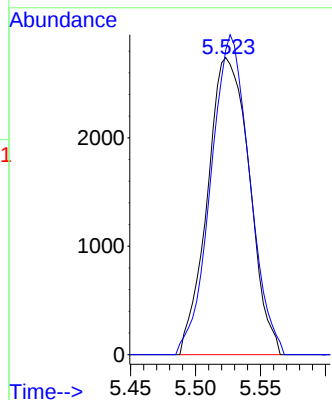
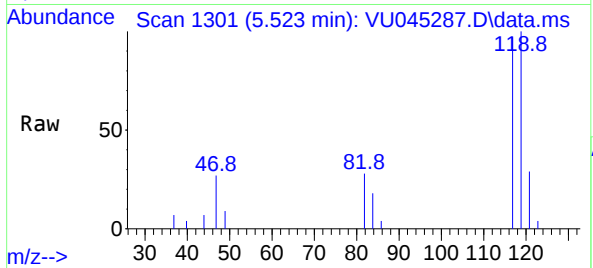
#31
Carbon tetrachloride
Concen: 2.172 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:117 Resp: 6160
Ion Ratio Lower Upper
117 100
119 99.8 77.7 116.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

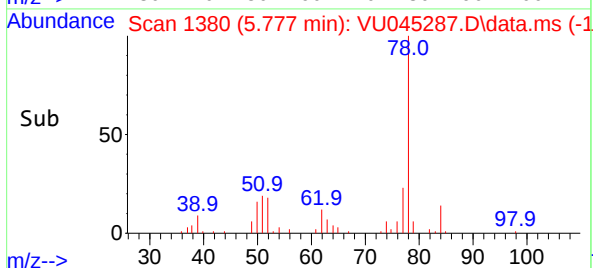
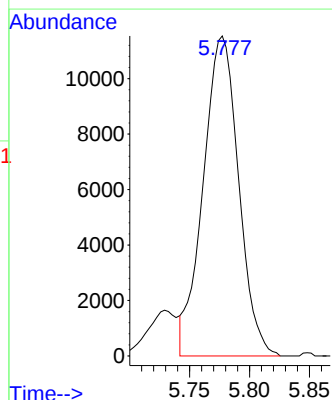
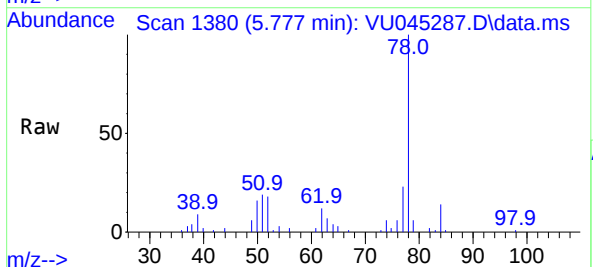
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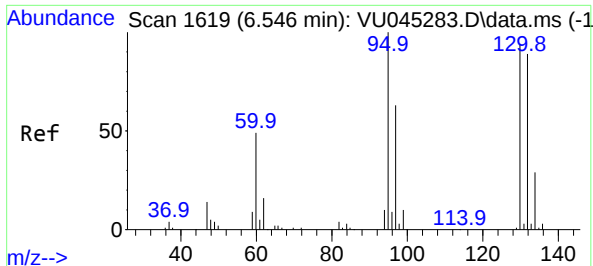
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#33
Benzene
Concen: 2.465 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 78 Resp: 23713





#34
Trichloroethene
Concen: 2.393 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

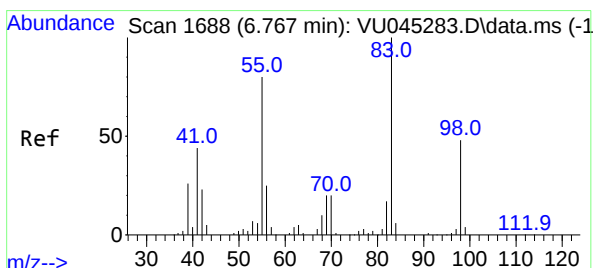
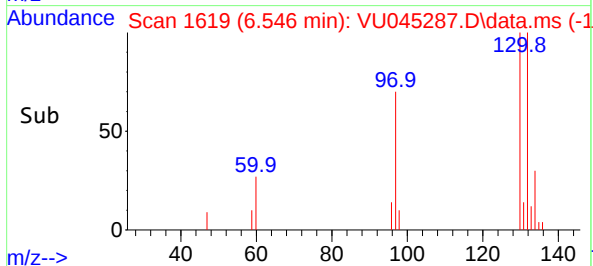
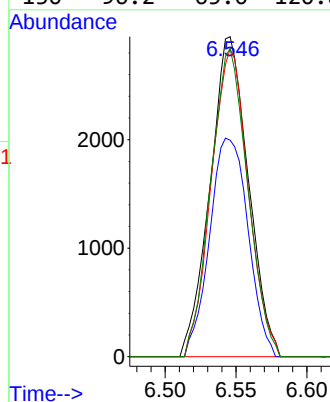
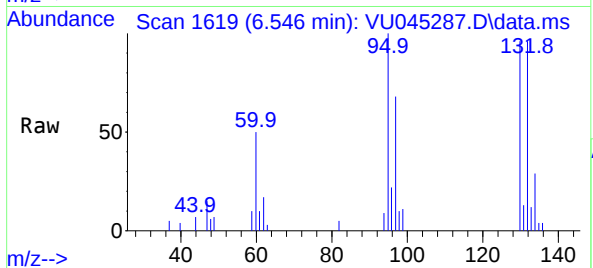
Tgt Ion: 95 Resp: 5529

Ion	Ratio	Lower	Upper
95	100		
97	67.7	44.4	82.4
132	96.2	62.9	116.9
130	96.2	65.0	120.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

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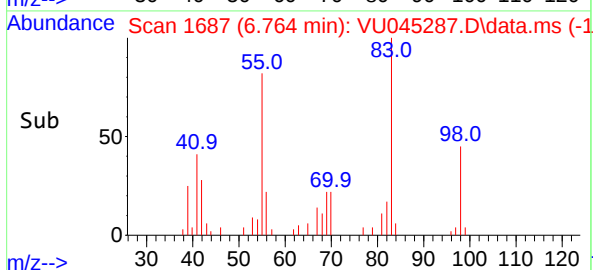
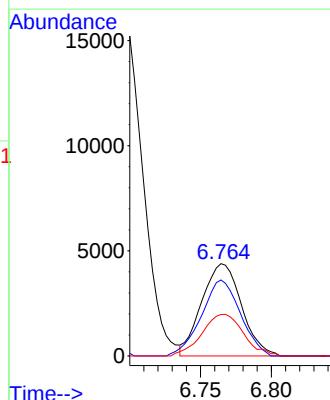
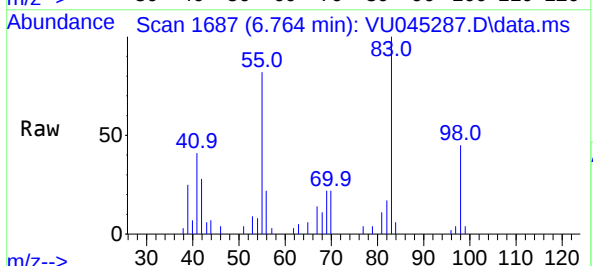
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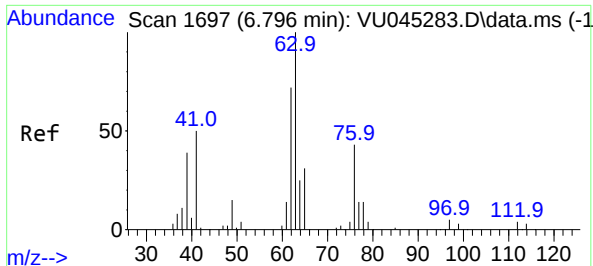


#35
Methylcyclohexane
Concen: 2.215 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 83 Resp: 8569

Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.8	98.6
98	47.0	37.1	55.7





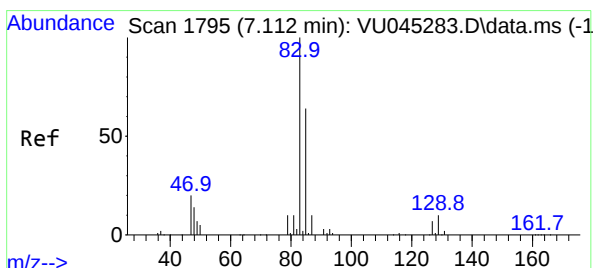
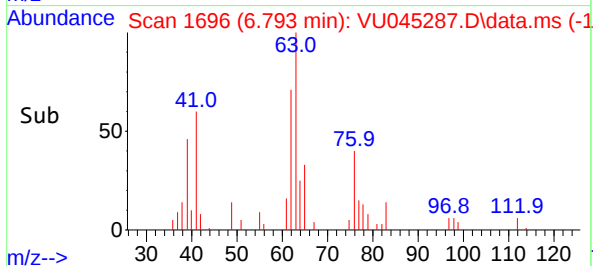
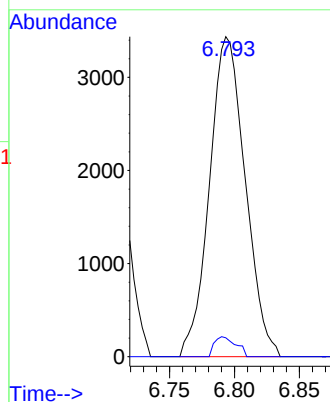
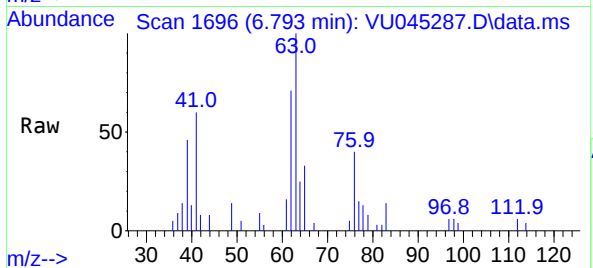
#37
1,2-Dichloropropane
Concen: 2.511 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 63 Resp: 6578
Ion Ratio Lower Upper
63 100
112 3.4 3.2 4.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

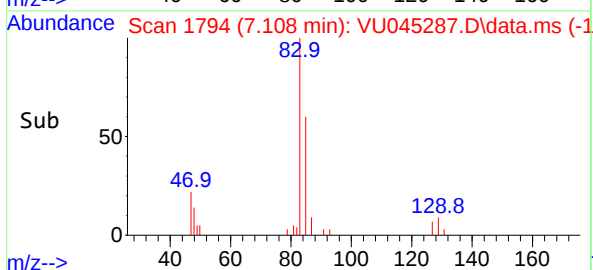
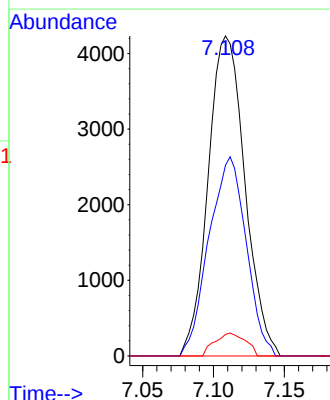
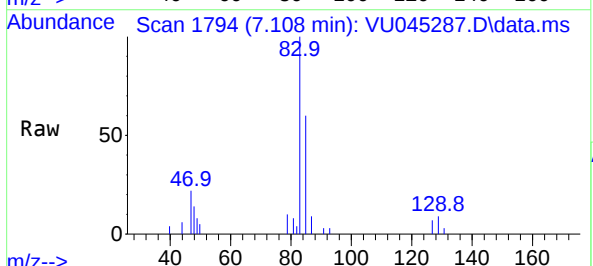
Manual Integrations
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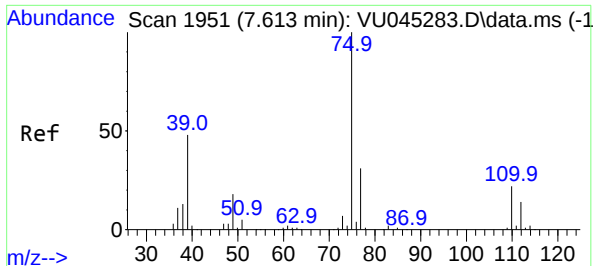
apatel
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#38
Bromodichloromethane
Concen: 2.384 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 83 Resp: 7656
Ion Ratio Lower Upper
83 100
85 59.6 44.6 82.8
127 6.7 6.2 9.2





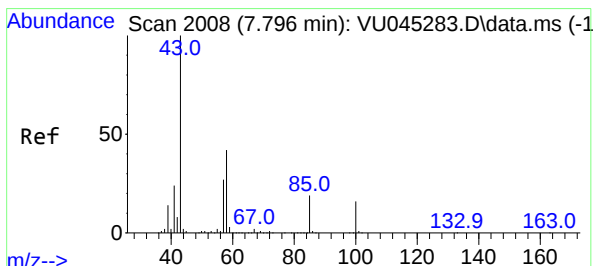
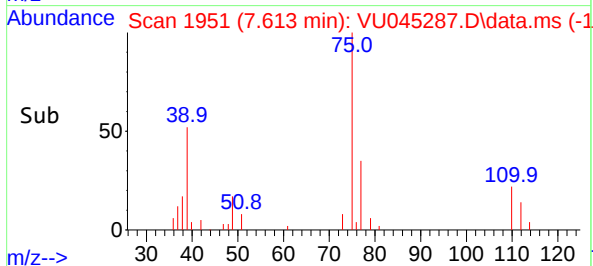
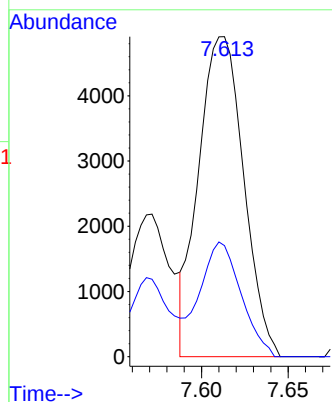
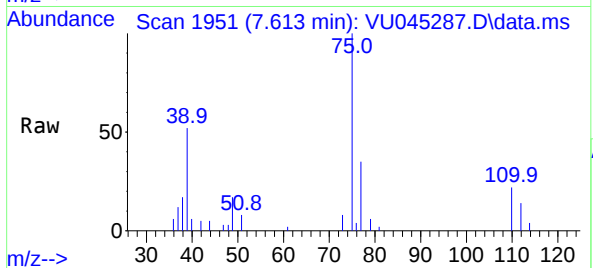
#39
cis-1,3-Dichloropropene
Concen: 2.370 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 75 Resp: 8883
Ion Ratio Lower Upper
75 100
77 34.7 22.4 41.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

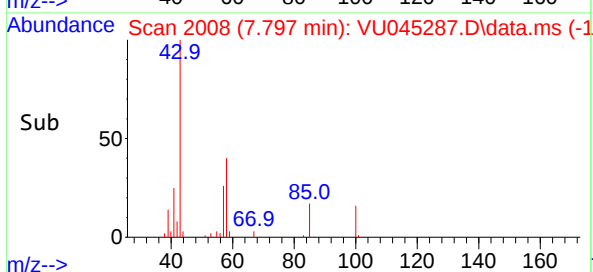
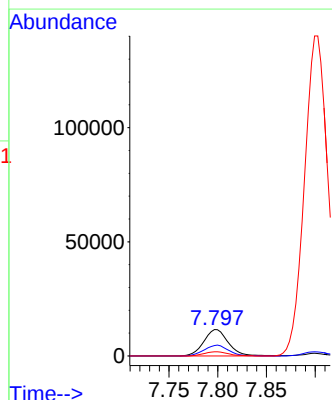
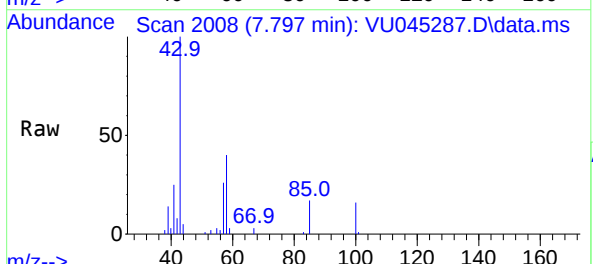
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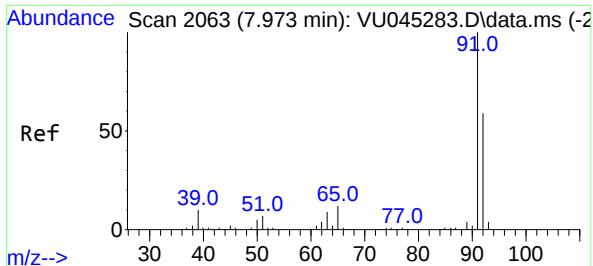
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#40
4-Methyl-2-pentanone
Concen: 4.634 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 43 Resp: 20277
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.8
100 15.5 11.8 17.6





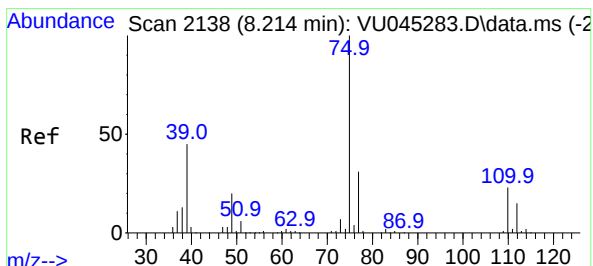
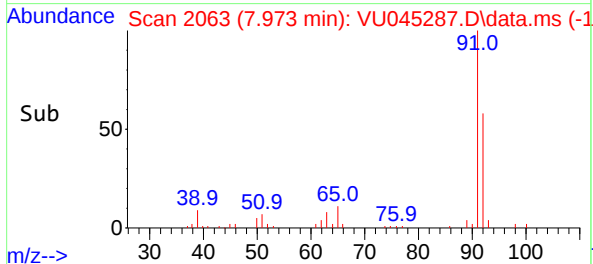
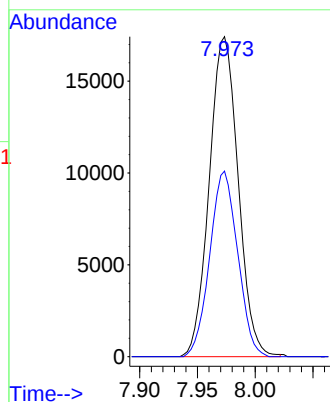
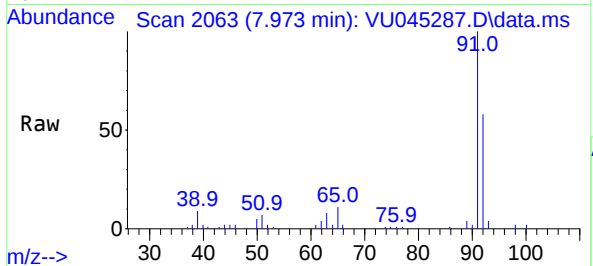
#42
Toluene
Concen: 3.106 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 91 Resp: 30362
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

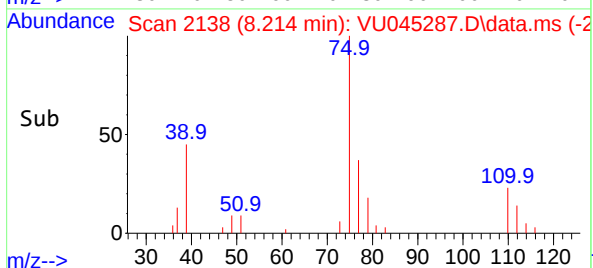
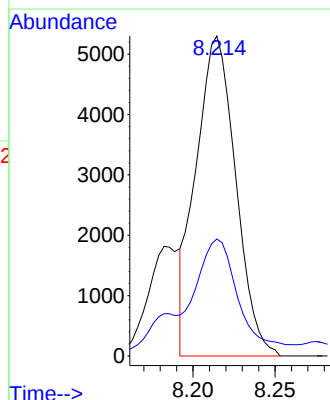
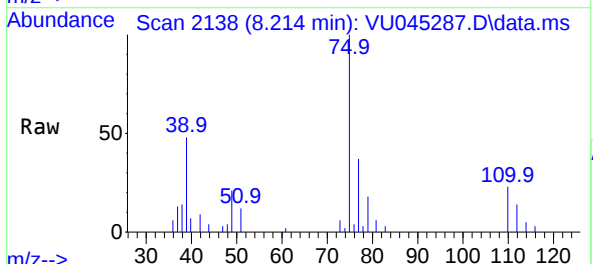
Manual Integrations
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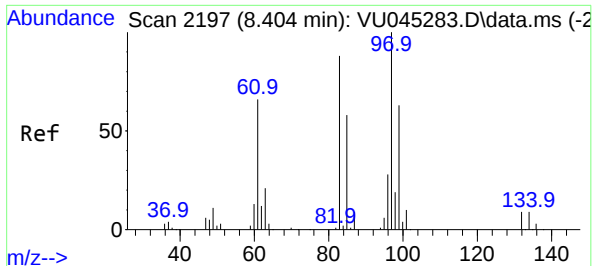
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#44
trans-1,3-Dichloropropene
Concen: 2.503 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 75 Resp: 8921
Ion Ratio Lower Upper
75 100
77 36.5 21.7 40.3





#45

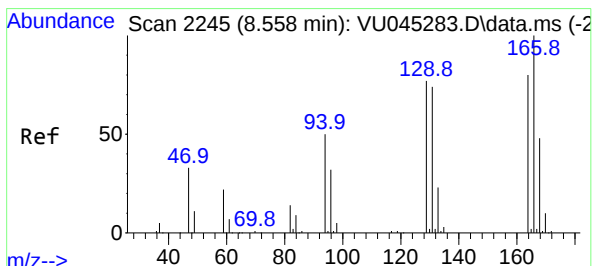
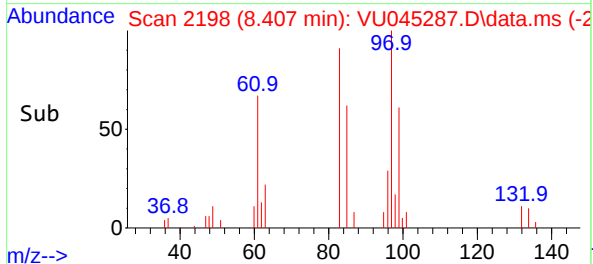
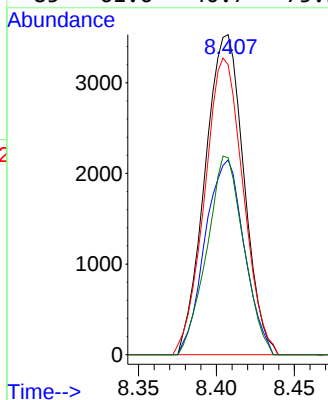
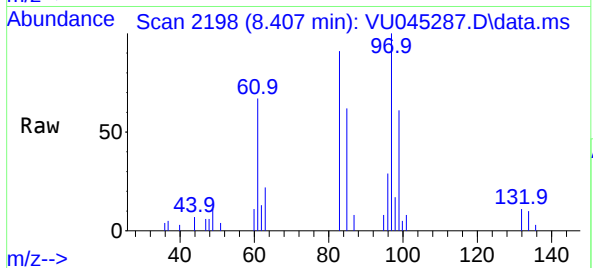
1,1,2-Trichloroethane
Concen: 2.581 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	97	Resp:	6128
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.7	81.1
83	90.6	61.9	115.1
85	61.6	40.7	75.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

Manual Integrations
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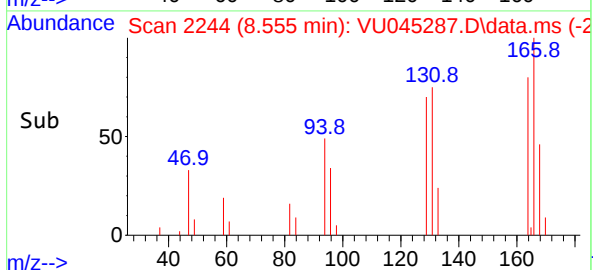
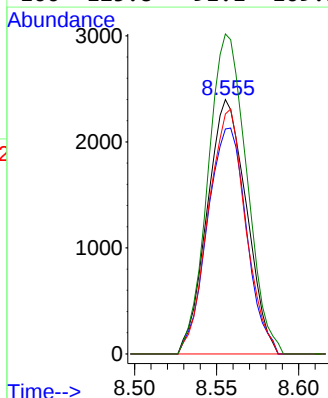
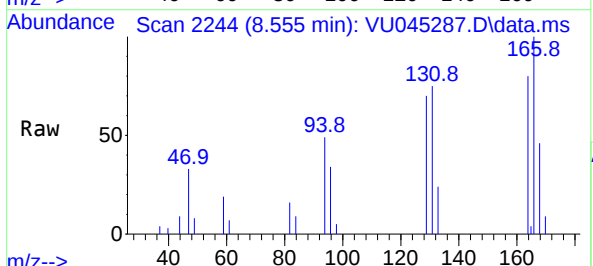
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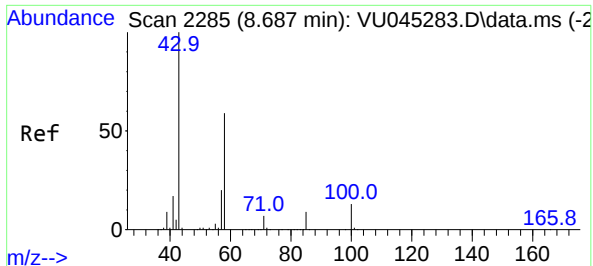


#46

Tetrachloroethene
Concen: 2.415 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

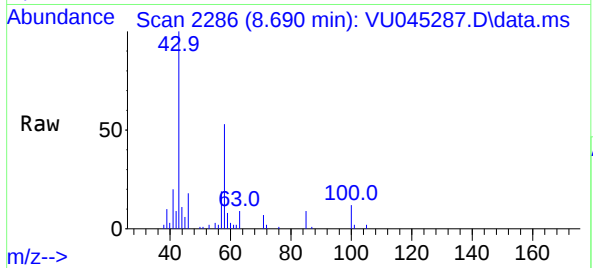
Tgt Ion:	164	Resp:	3988
Ion	Ratio	Lower	Upper
164	100		
129	88.4	69.8	129.6
131	94.3	66.4	123.2
166	125.8	91.1	169.3





#48
2-Hexanone
Concen: 5.279 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

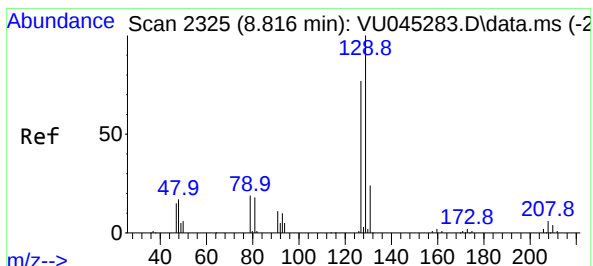
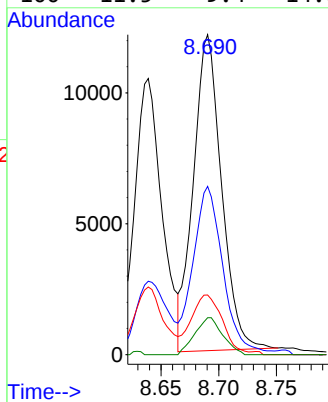
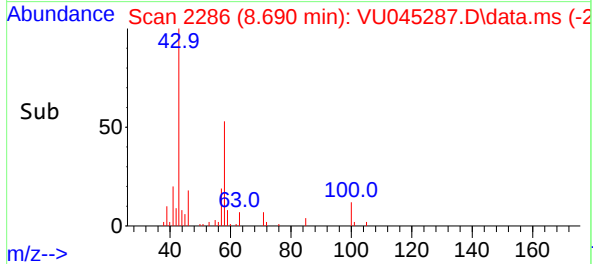
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



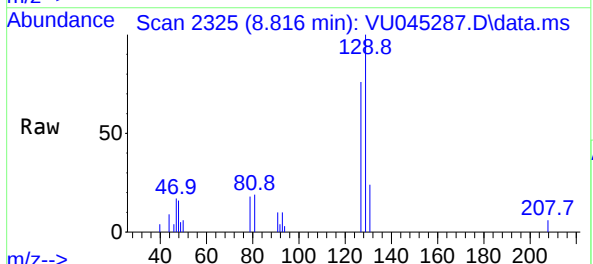
Tgt Ion: 43 Resp: 20485
Ion Ratio Lower Upper
43 100
58 56.7 44.9 67.3
57 21.1 15.5 23.3
100 11.5 9.4 14.0

Manual Integrations
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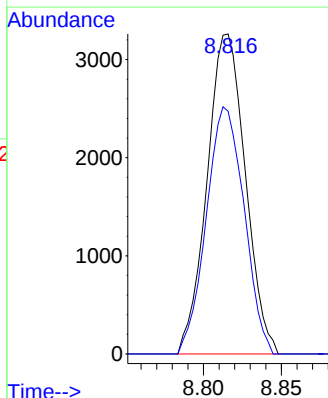
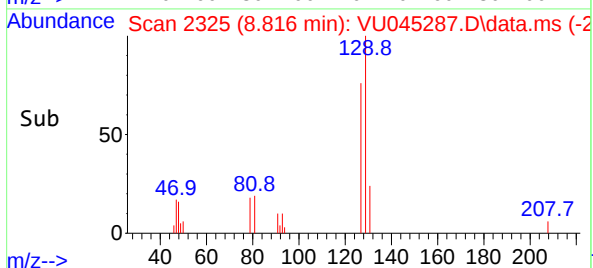
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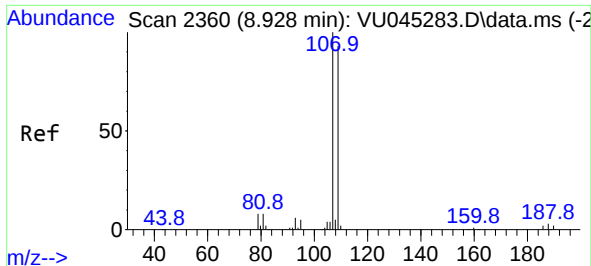


#49
Dibromochloromethane
Concen: 2.374 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



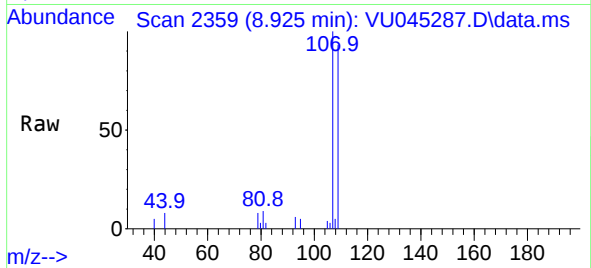
Tgt Ion: 129 Resp: 5574
Ion Ratio Lower Upper
129 100
127 75.9 54.3 100.8





#50
1,2-Dibromoethane
Concen: 2.550 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

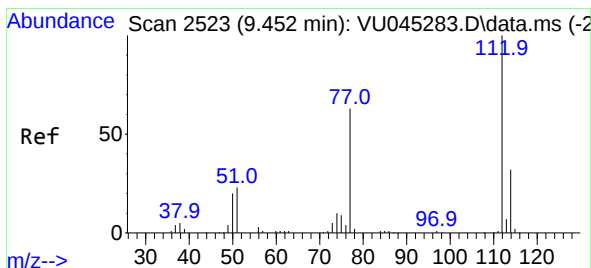
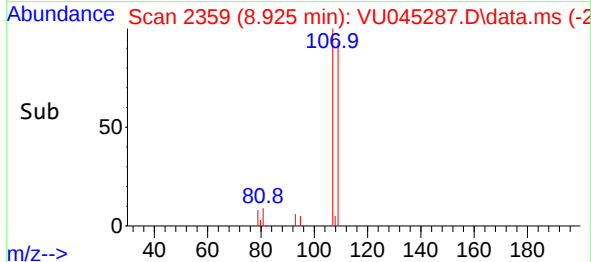
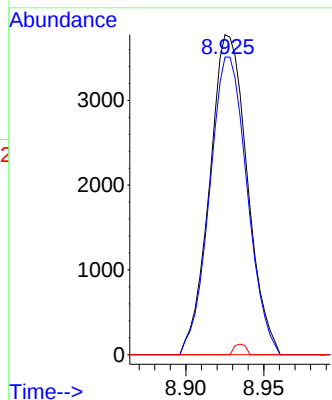
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



Tgt Ion:107 Resp: 6338
Ion Ratio Lower Upper
107 100
109 93.0 65.5 121.6
188 0.0 2.6 3.8#

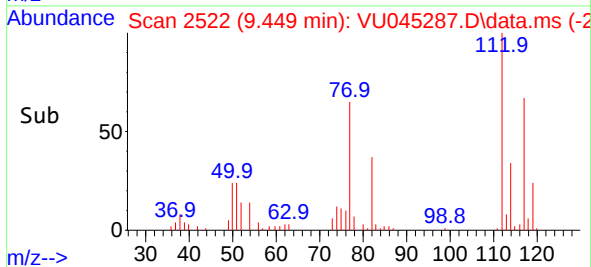
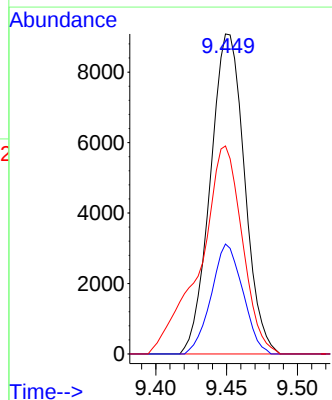
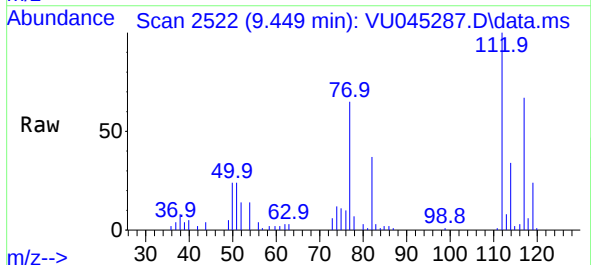
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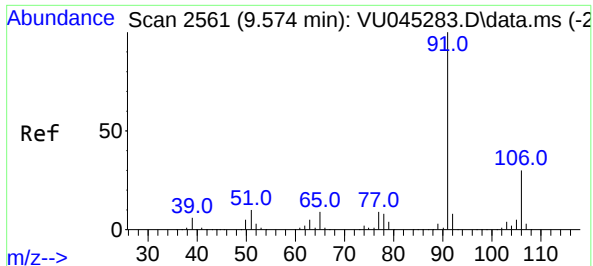
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#51
Chlorobenzene
Concen: 2.524 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:112 Resp: 15231
Ion Ratio Lower Upper
112 100
114 36.8 22.5 41.9
77 65.0 50.6 75.8





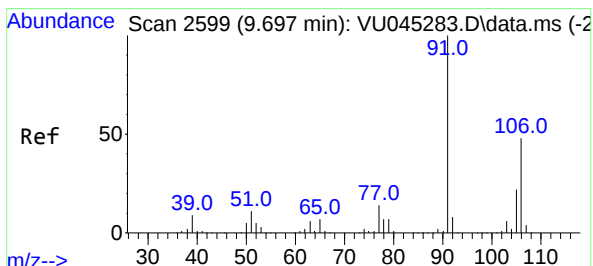
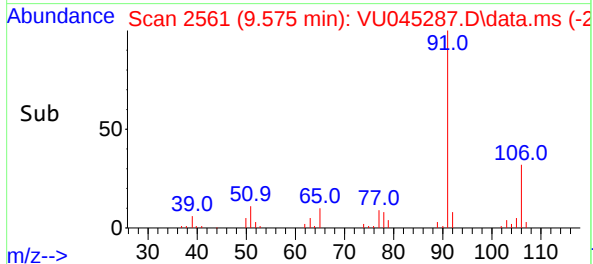
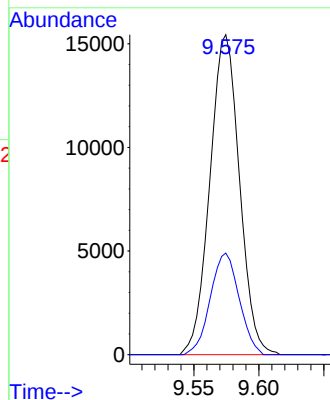
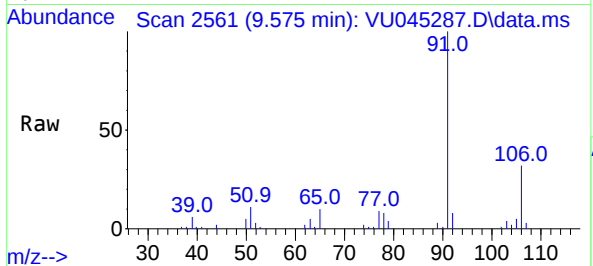
#52
Ethylbenzene
Concen: 2.366 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

Tgt Ion: 91 Resp: 24436
Ion Ratio Lower Upper
91 100
106 31.7 21.2 39.4

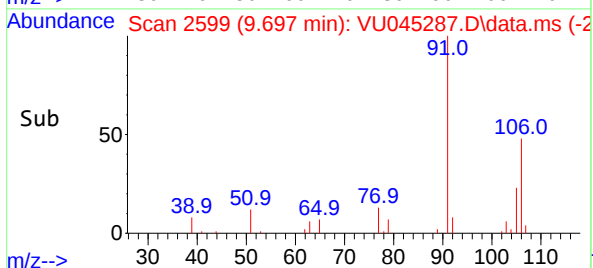
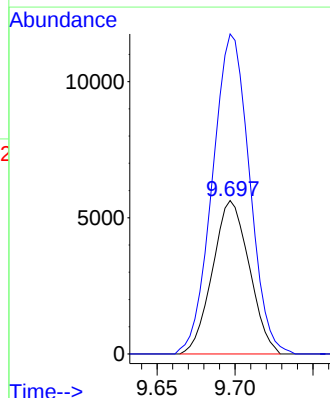
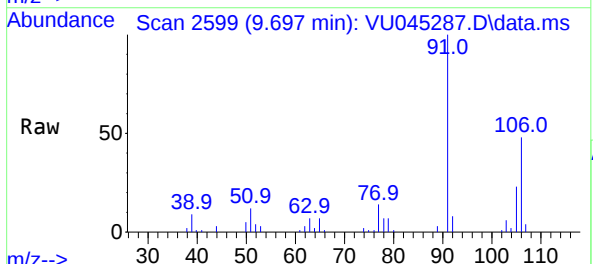
Manual Integrations
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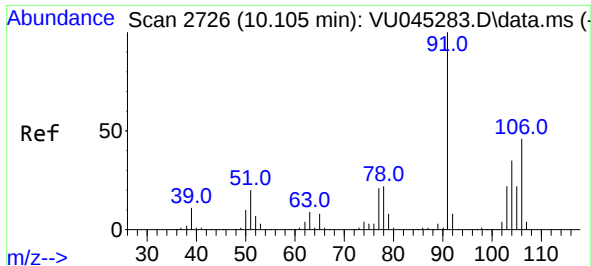
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#53
m,p-Xylene
Concen: 2.358 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion: 106 Resp: 9226
Ion Ratio Lower Upper
106 100
91 191.5 146.7 272.4





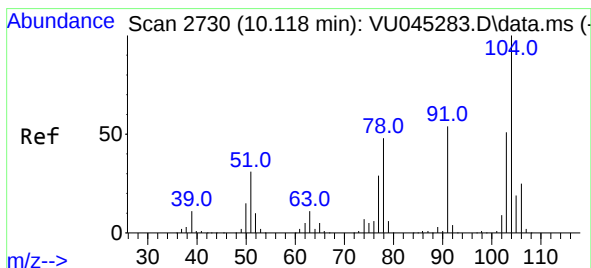
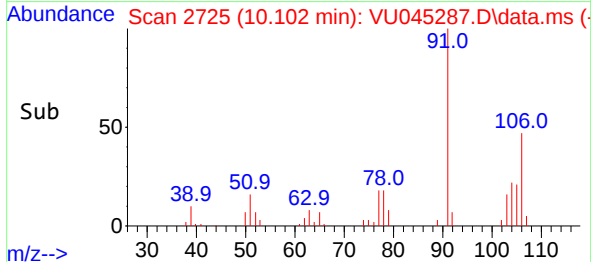
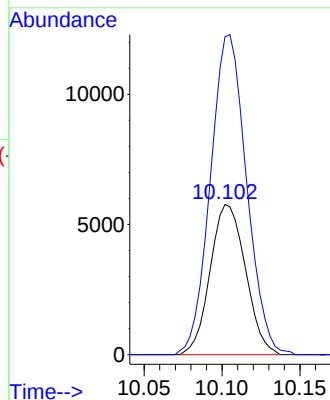
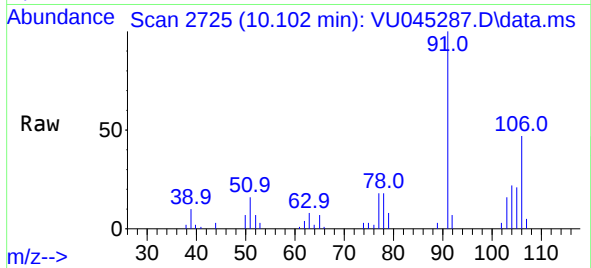
#54
o-xylene
Concen: 2.367 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:106 Resp: 9099
Ion Ratio Lower Upper
106 100
91 211.5 152.9 283.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

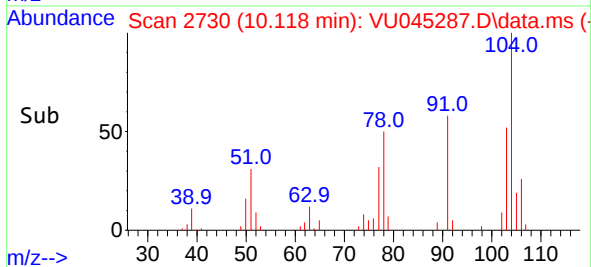
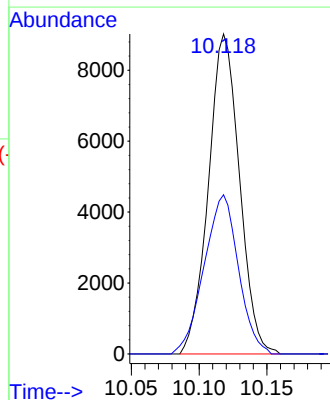
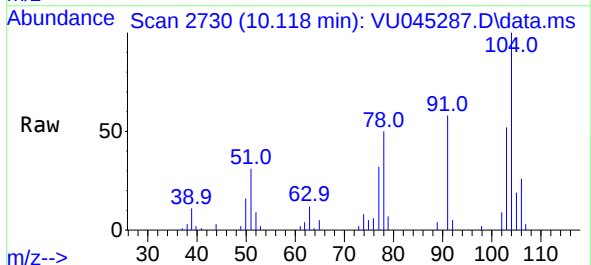
Manual Integrations
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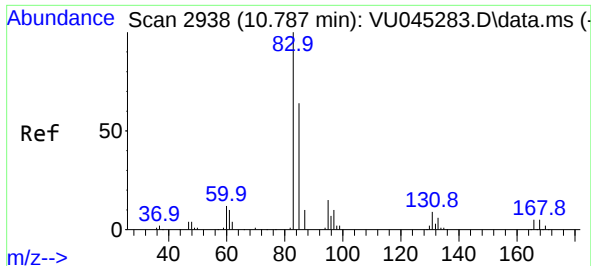
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#55
Styrene
Concen: 2.176 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:104 Resp: 14384
Ion Ratio Lower Upper
104 100
78 49.7 33.3 61.9





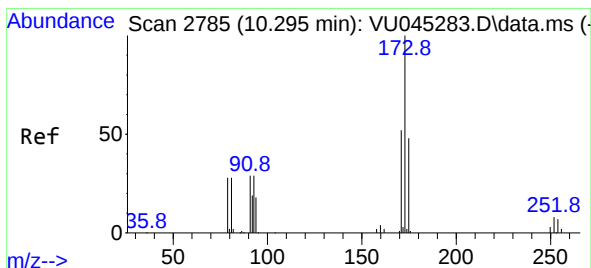
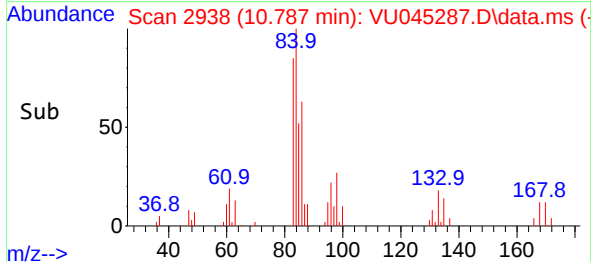
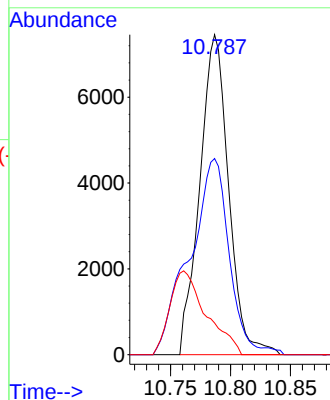
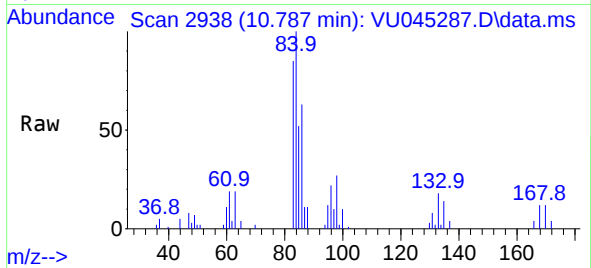
#57
1,1,2,2-Tetrachloroethane
Concen: 2.747 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	83	Resp:	12486
Ion	Ratio	Lower	Upper
83	100		
85	61.3	45.1	83.7
131	9.9	6.9	10.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

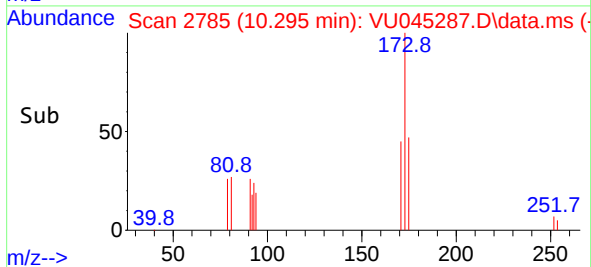
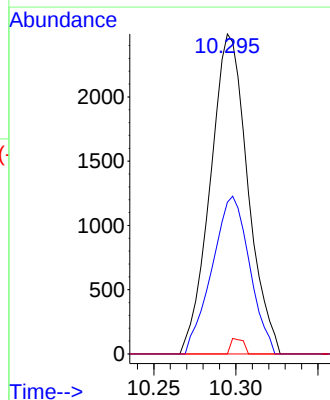
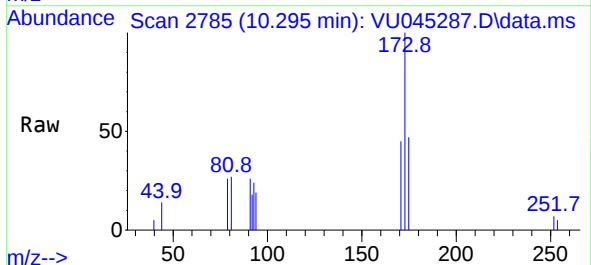
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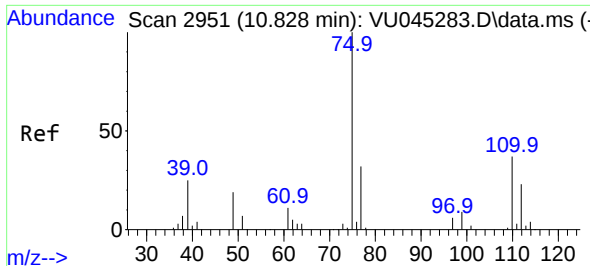
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#59
Bromoform
Concen: 2.624 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	173	Resp:	3944
Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.4	57.6
254	1.6	5.3	7.9#





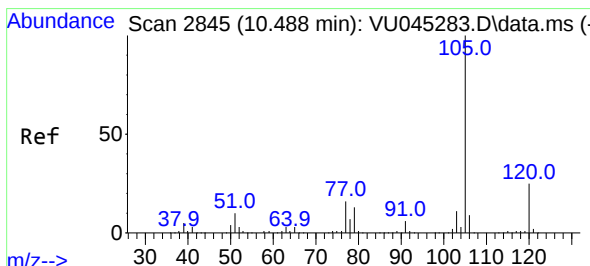
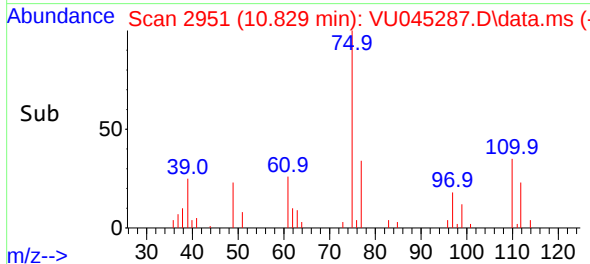
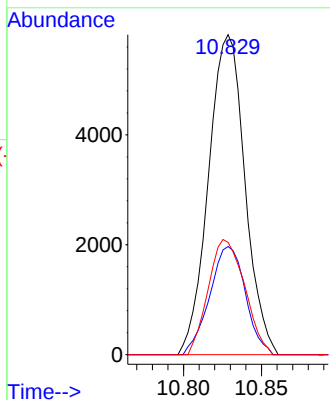
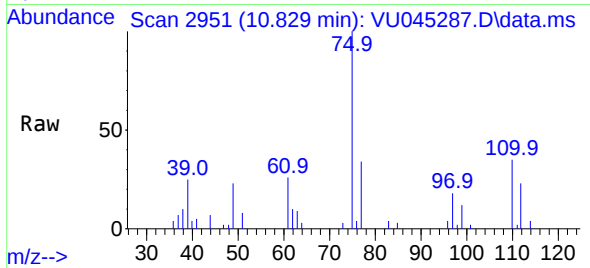
#60
1,2,3-Trichloropropane
Concen: 2.824 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	75	Resp:	9466
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.5	38.3
110	35.9	29.0	43.4

Instrument :
MSVOA_U
ClientSampleId :
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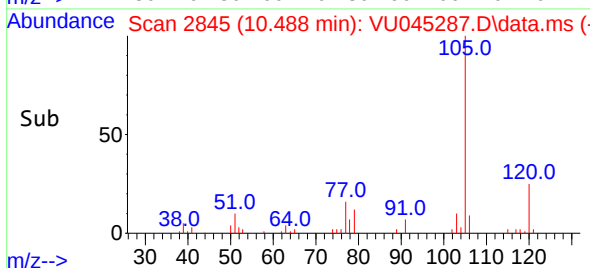
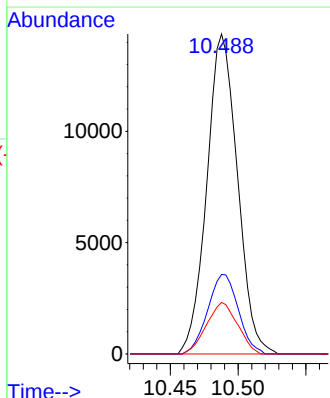
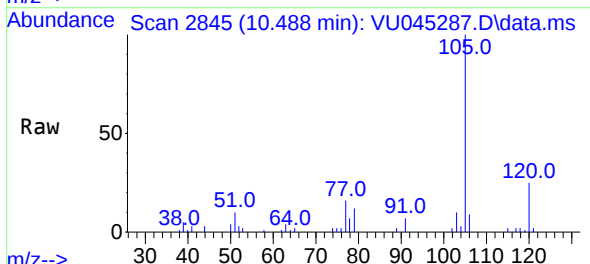
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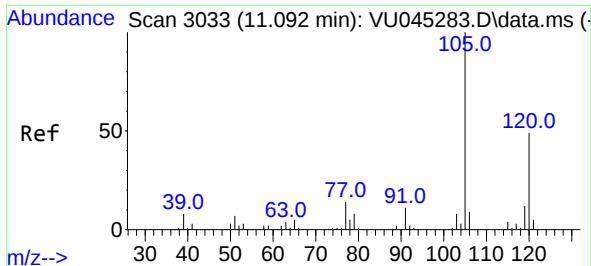
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#61
Isopropylbenzene
Concen: 2.543 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:	105	Resp:	22550
Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.5	30.7
77	16.3	13.5	20.3





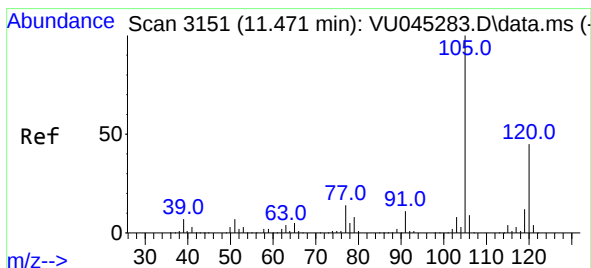
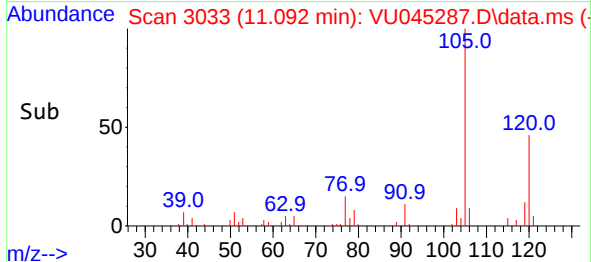
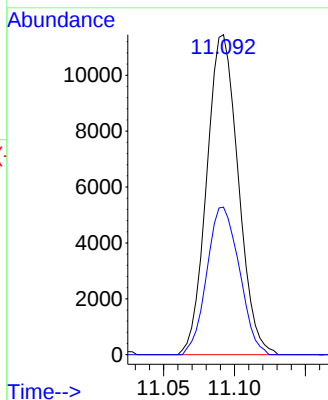
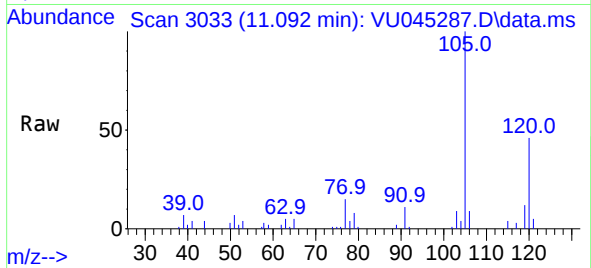
#62
1,3,5-Trimethylbenzene
Concen: 2.398 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:105 Resp: 17763
Ion Ratio Lower Upper
105 100
120 47.4 38.8 58.2

Instrument :
MSVOA_U
ClientSampleId :
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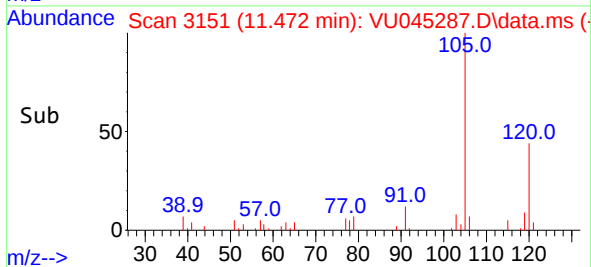
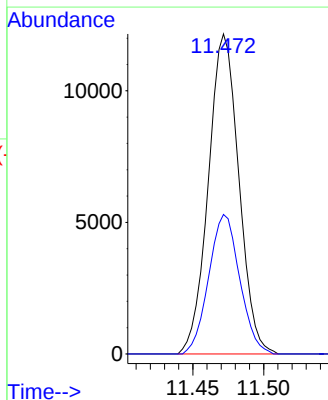
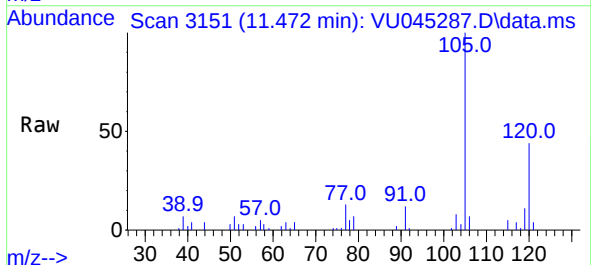
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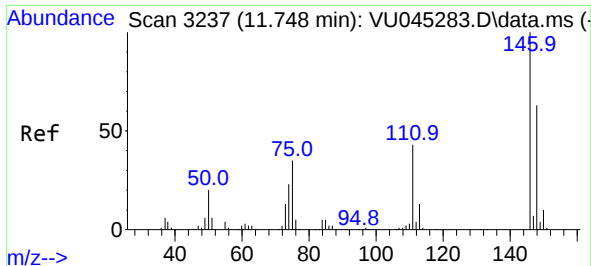
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#63
1,2,4-Trimethylbenzene
Concen: 2.402 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:105 Resp: 18218
Ion Ratio Lower Upper
105 100
120 44.3 35.7 53.5





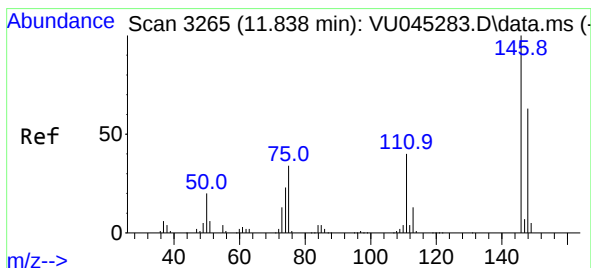
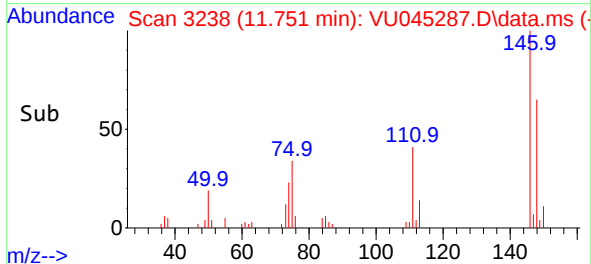
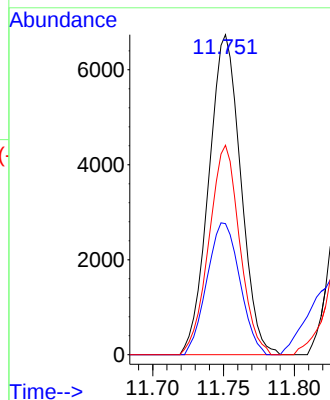
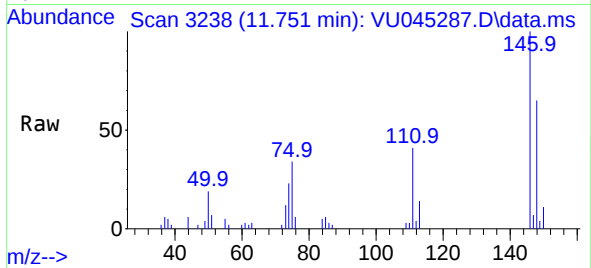
#64
1,3-Dichlorobenzene
Concen: 2.584 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:146 Resp: 10589
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 69.5 44.8 83.2

Instrument :
MSVOA_U
ClientSampleId :
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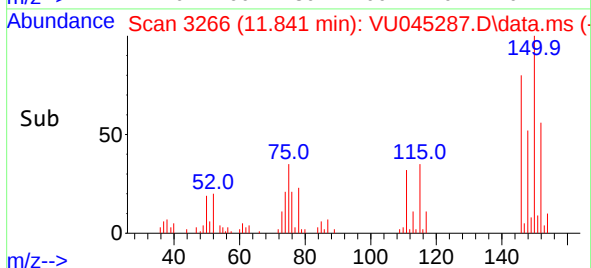
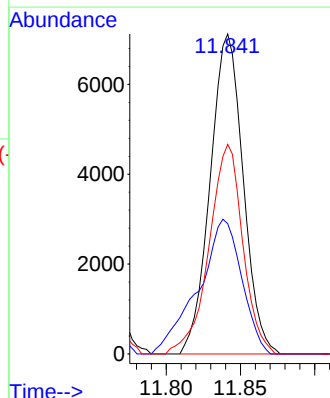
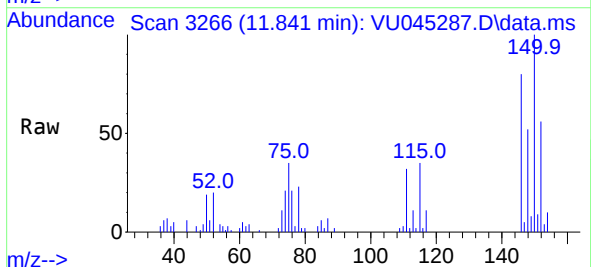
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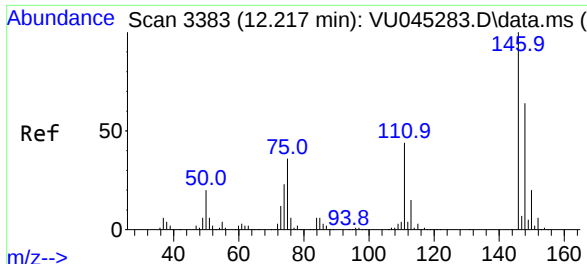
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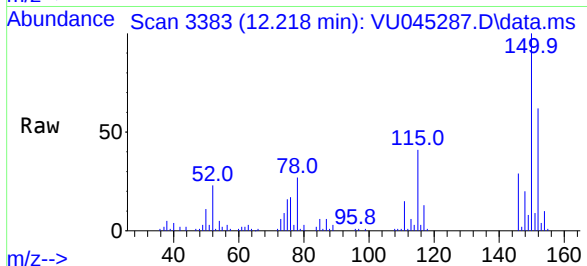
#65
1,4-Dichlorobenzene
Concen: 2.616 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Tgt Ion:146 Resp: 11000
Ion Ratio Lower Upper
146 100
111 38.4 28.5 52.9
148 61.8 45.5 84.5

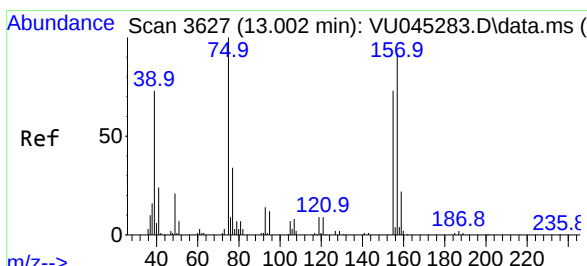
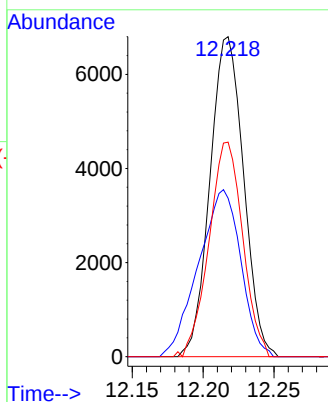
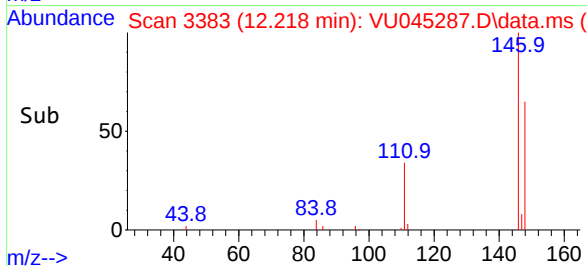




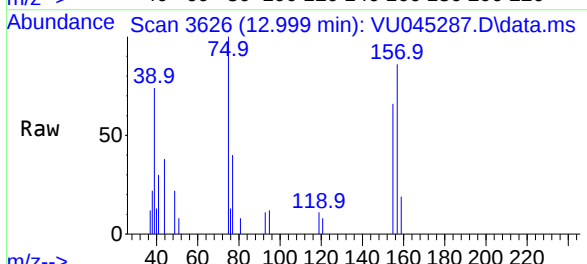
#67
1,2-Dichlorobenzene
Concen: 2.668 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



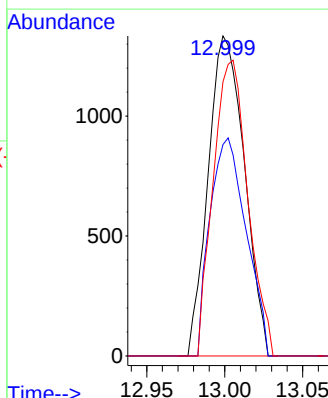
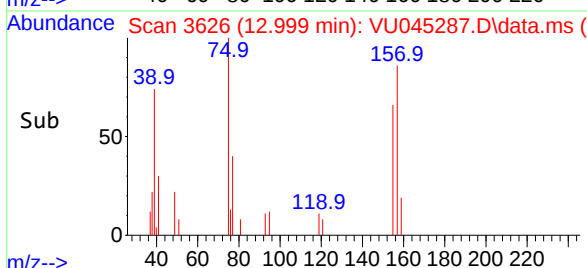
Tgt Ion:146 Resp: 11224
Ion Ratio Lower Upper
146 100
111 49.5 34.7 52.1
148 67.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 2.234 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



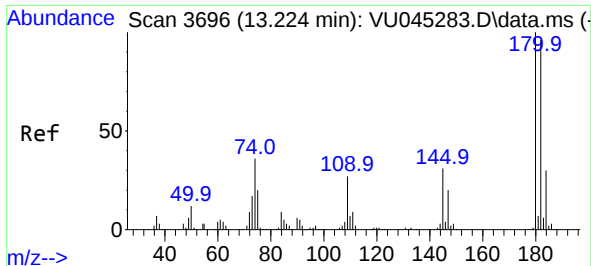
Tgt Ion: 75 Resp: 2152
Ion Ratio Lower Upper
75 100
155 66.0 58.5 87.7
157 85.7 77.7 116.5



Instrument :
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ClientSampleId :
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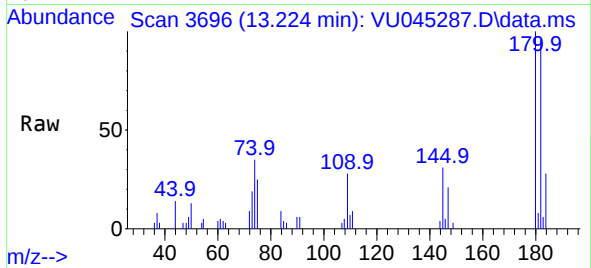
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#69
1,3,5-Trichlorobenzene
Concen: 2.346 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

Instrument :
MSVOA_U
ClientSampleId :
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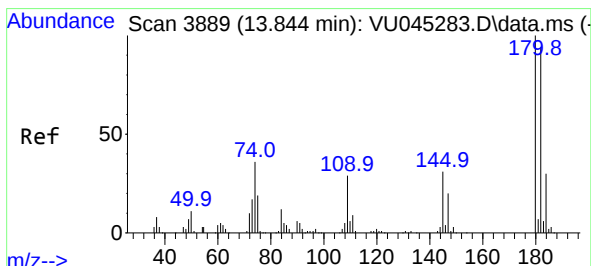
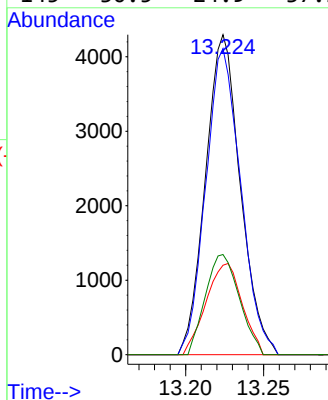
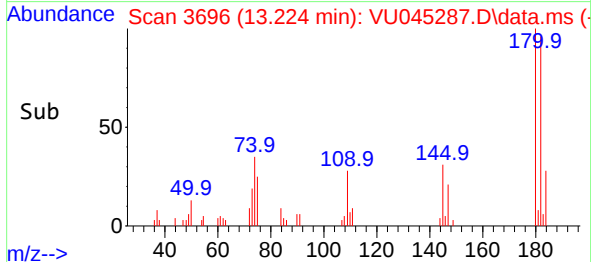


Tgt Ion:180 Resp: 6673

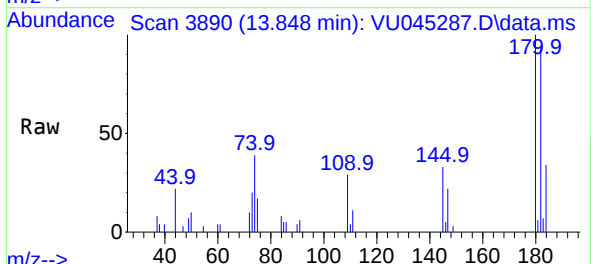
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
184	29.5	24.4	36.6
145	30.5	24.9	37.3

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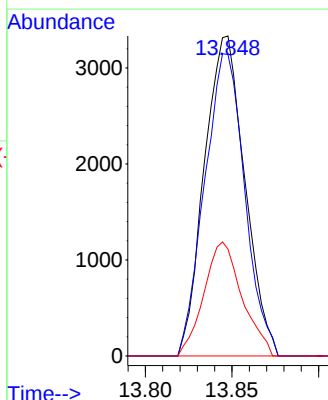
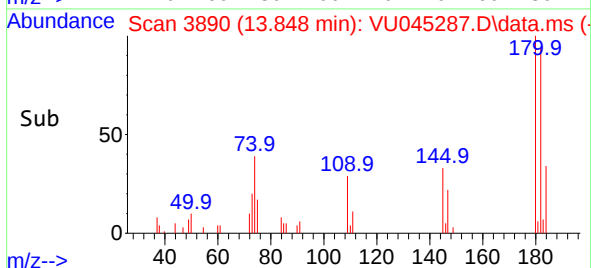


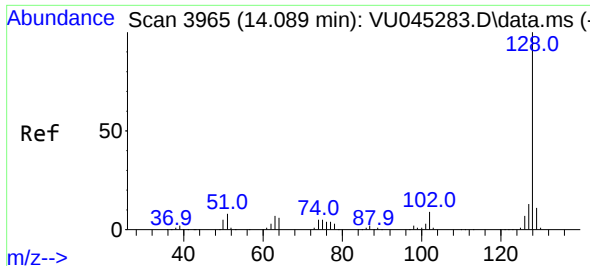
#70
1,2,4-trichlorobenzene
Concen: 2.288 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



Tgt Ion:180 Resp: 5408

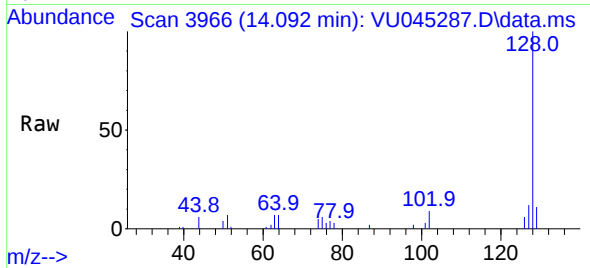
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.2
145	33.7	25.4	38.0





#71
Naphthalene
Concen: 2.262 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58

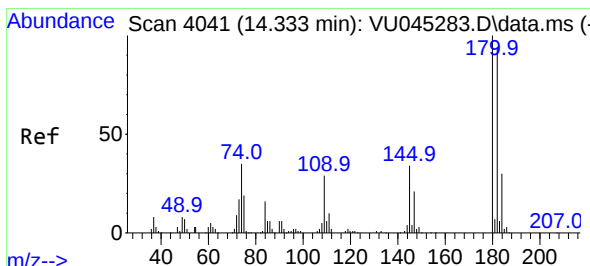
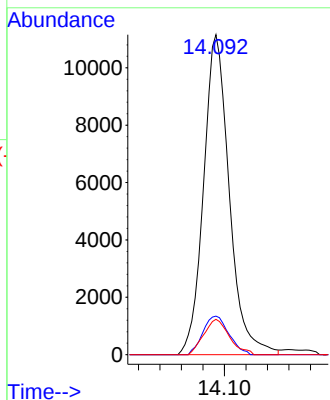
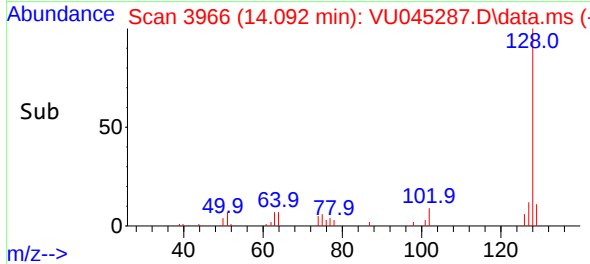
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08



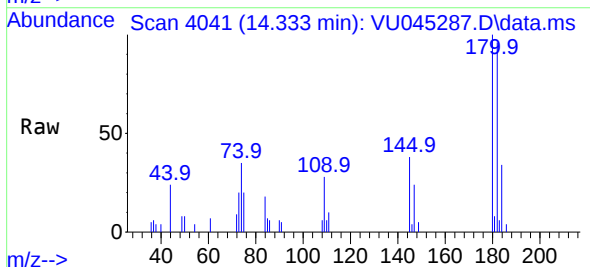
Tgt Ion:128 Resp: 18528
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 11.0 8.8 13.2

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#72
1,2,3-Trichlorobenzene
Concen: 2.314 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045287.D
Acq: 12 Oct 2021 12:58



Tgt Ion:180 Resp: 5597
Ion Ratio Lower Upper
180 100
182 91.9 76.8 115.2
145 32.7 26.5 39.7

