

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050451.D
 Acq On : 26 Aug 2022 12:51
 Operator : SY/MD
 Sample : VU0826WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK168

Quant Time: Aug 27 02:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

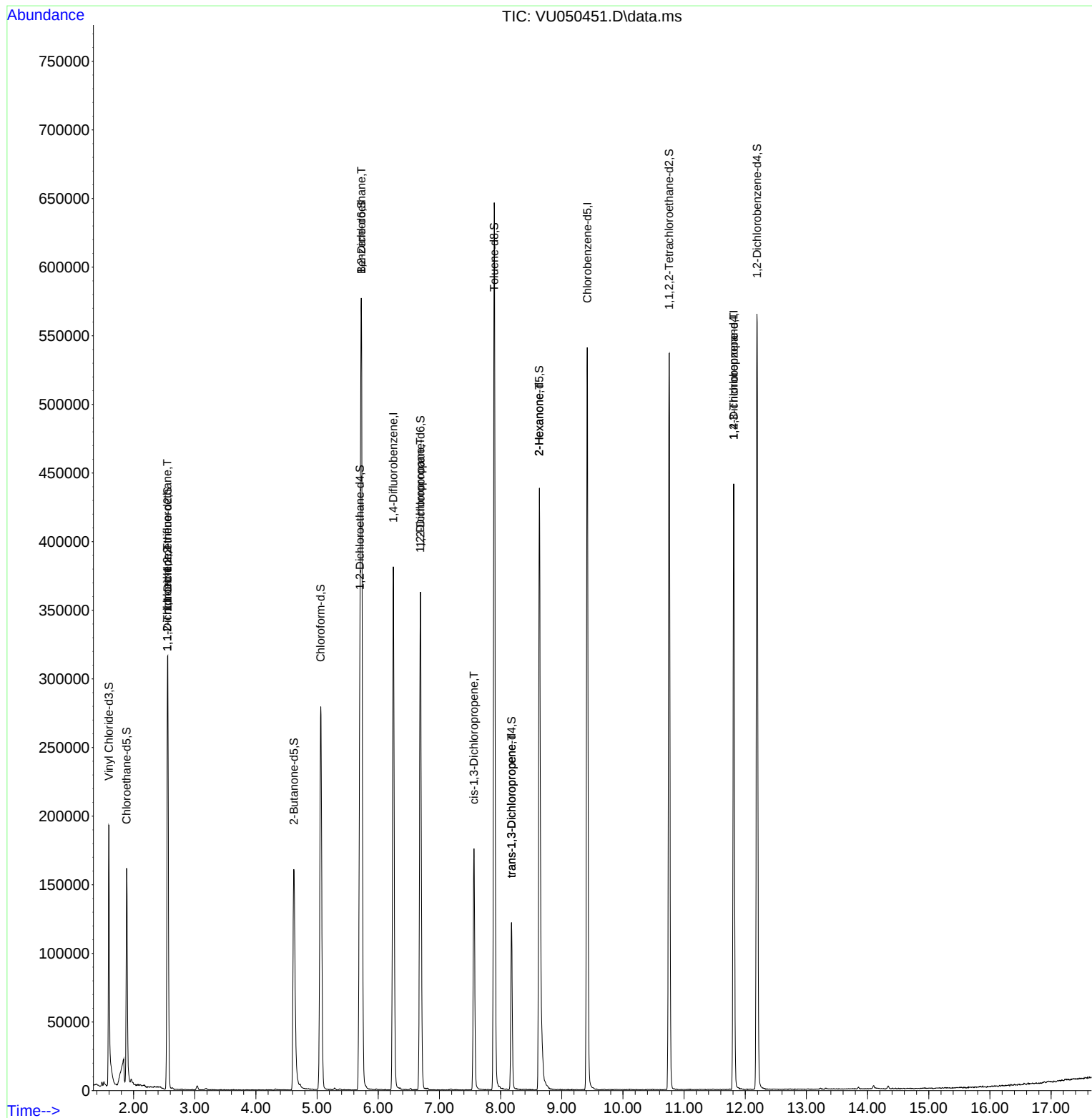
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	302336	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	305224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	164065	45.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.780%
7) Chloroethane-d5	1.887	69	125577	47.473	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.940%
11) 1,1-Dichloroethene-d2	2.555	63	189904	37.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.180%
21) 2-Butanone-d5	4.620	46	234547	100.237	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	5.060	84	260812	45.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
26) 1,2-Dichloroethane-d4	5.700	65	169123	47.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
32) Benzene-d6	5.726	84	542649	48.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	6.690	67	177146	47.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.820%
41) Toluene-d8	7.896	98	443058	44.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.179	79	67814	43.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.020%
47) 2-Hexanone-d5	8.632	63	139976	100.957	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	275724	47.847	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	152984	54.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.020%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	736	0.351	ug/L #	21
12) 1,1-Dichloroethene	2.552	96	752	0.405	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	2810	0.837	ug/L	96
37) 1,2-Dichloropropane	6.687	63	17854	6.651	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	3961	1.124	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	2889	0.879	ug/L	99
48) 2-Hexanone	8.632	43	19173	6.436	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	15049	4.925	ug/L #	68

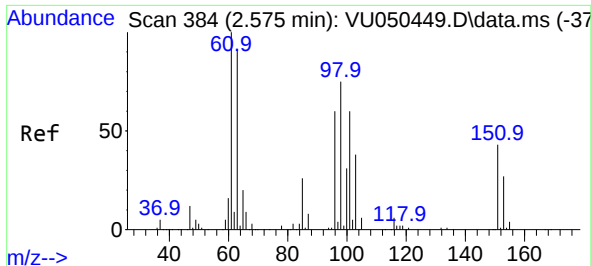
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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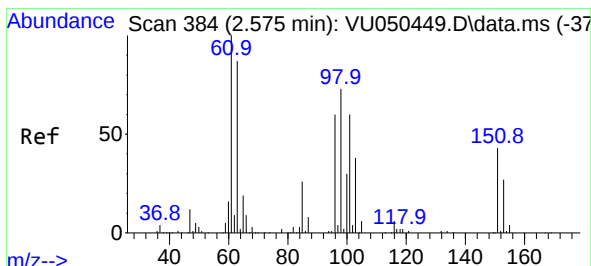
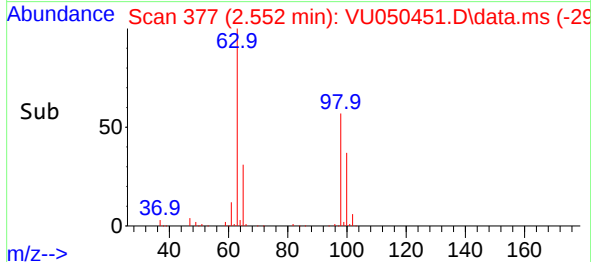
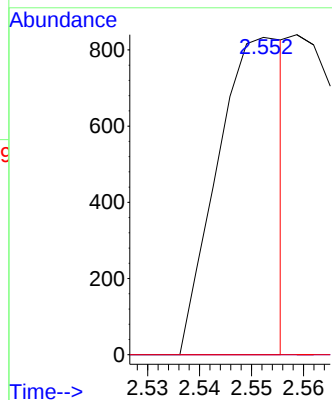
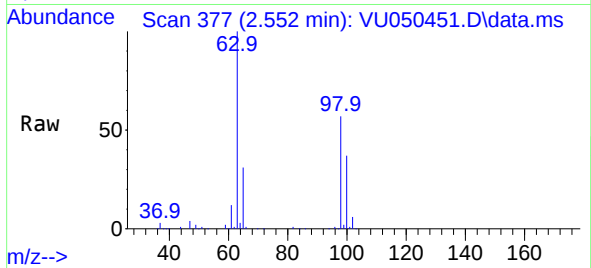




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.351 ug/L
RT: 2.552 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU050451.D
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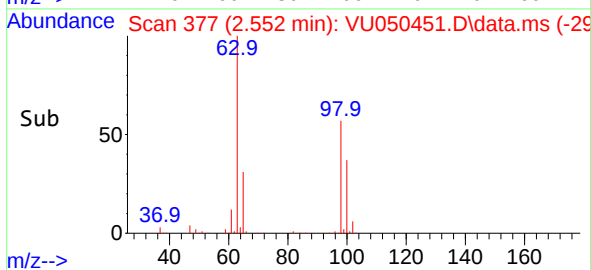
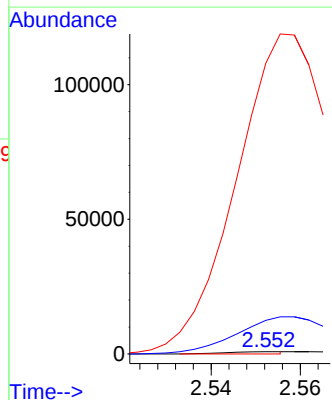
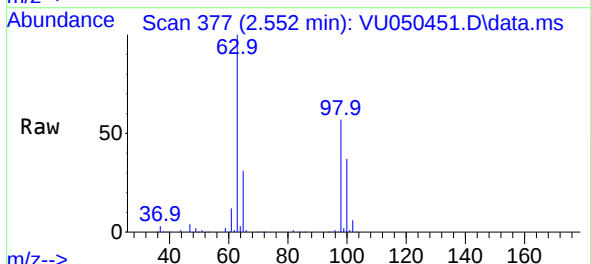
Instrument :
MSVOA_U
ClientSampleId :
VBLK168

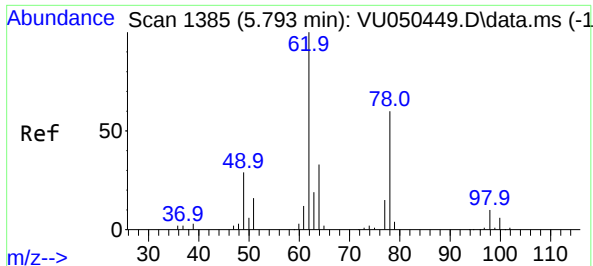
Tgt Ion:101 Resp: 736
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.405 ug/L
RT: 2.552 min Scan# 377
Delta R.T. -0.022 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

Tgt Ion: 96 Resp: 752
Ion Ratio Lower Upper
96 100
61 1501.9 116.8 216.8#
63 13004.3 97.4 180.8#

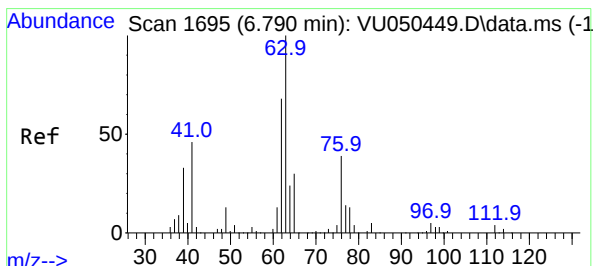
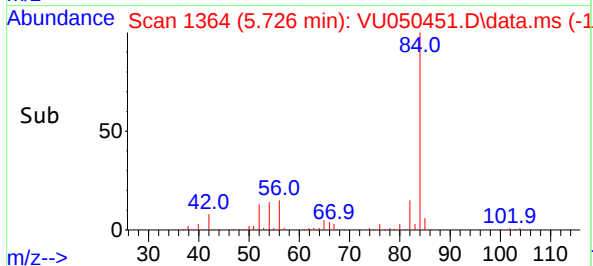
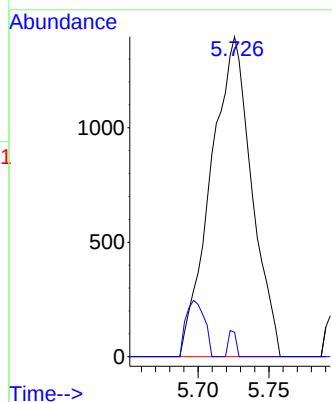
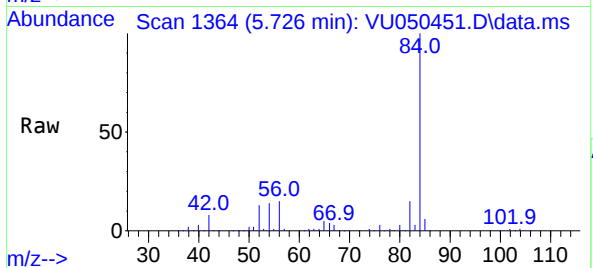




#27
1,2-Dichloroethane
Concen: 0.837 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

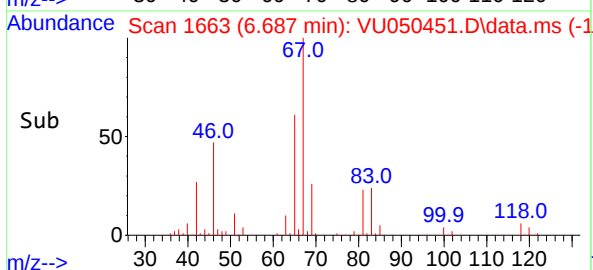
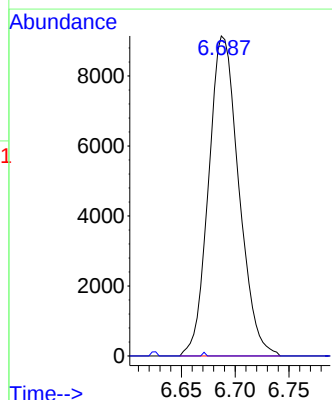
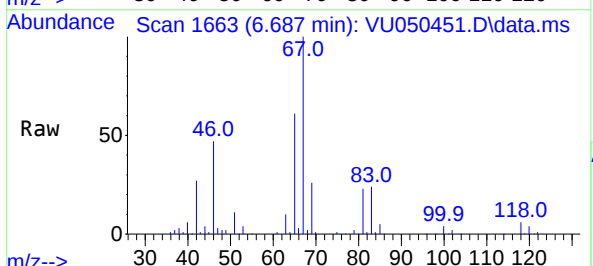
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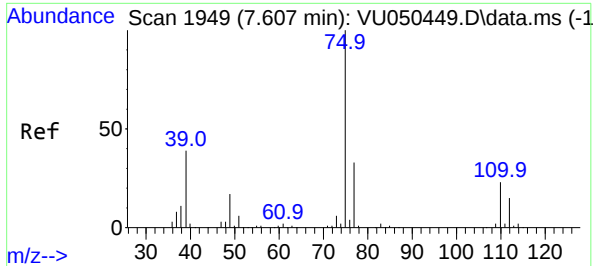
Tgt Ion: 62 Resp: 2810
Ion Ratio Lower Upper
62 100
98 7.6 7.3 10.9



#37
1,2-Dichloropropane
Concen: 6.651 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

Tgt Ion: 63 Resp: 17854
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.4#

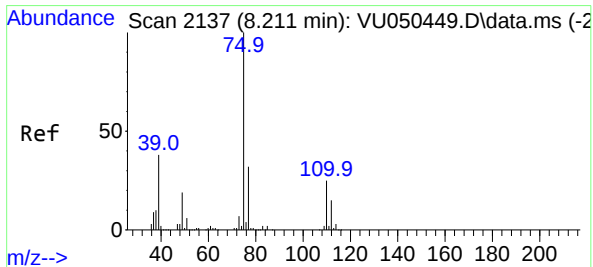
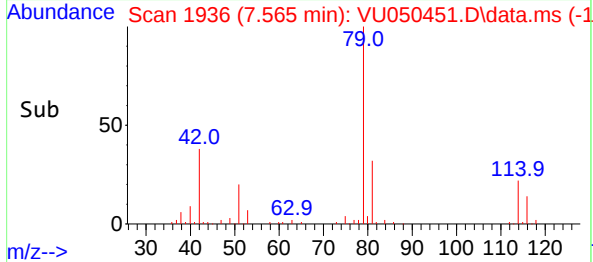
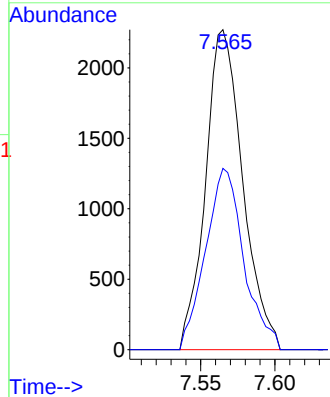
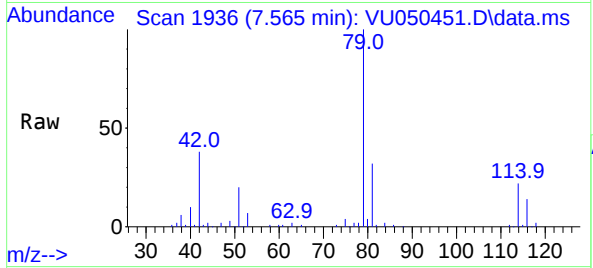




#39
cis-1,3-Dichloropropene
Concen: 1.124 ug/L
RT: 7.565 min Scan# 1949
Delta R.T. -0.042 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

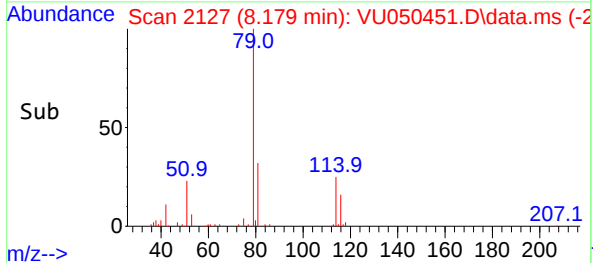
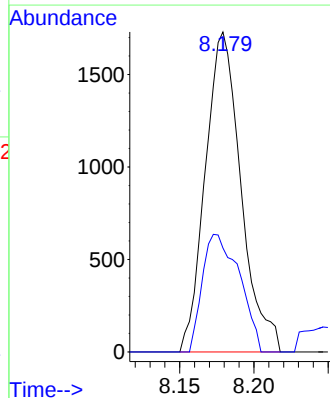
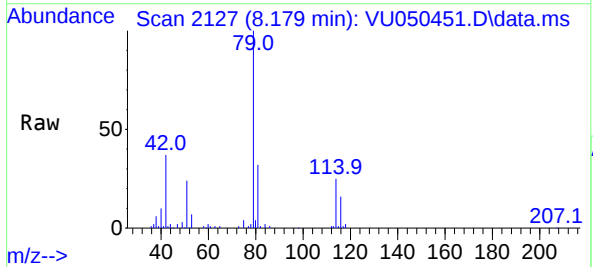
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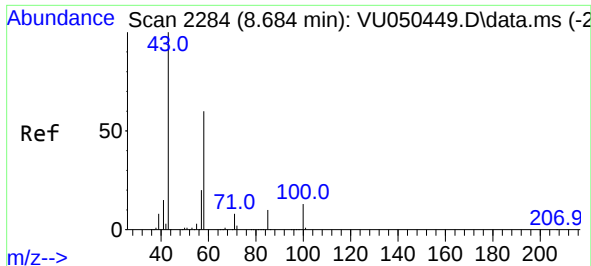
Tgt Ion: 75 Resp: 3961
Ion Ratio Lower Upper
75 100
77 53.6 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

Tgt Ion: 75 Resp: 2889
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7



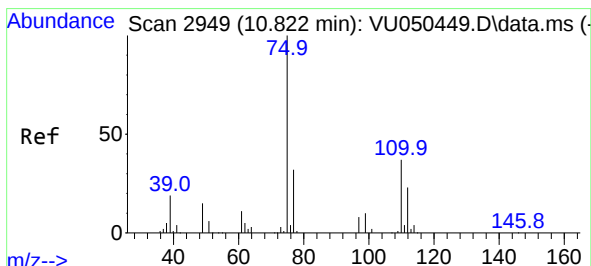
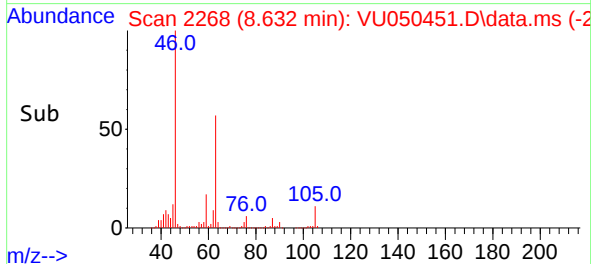
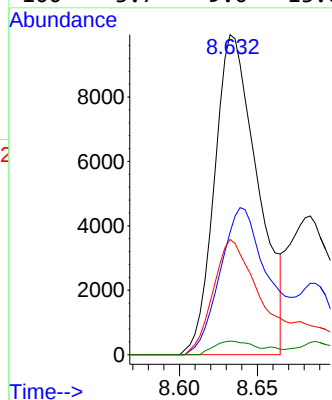
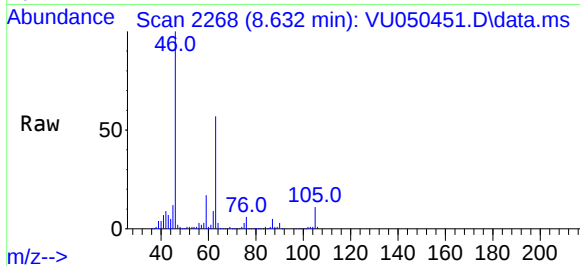


#48
2-Hexanone
Concen: 6.436 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

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Tgt Ion: 43 Resp: 19173

Ion	Ratio	Lower	Upper
43	100		
58	51.4	47.9	71.9
57	38.9	15.4	23.0#
100	3.7	9.0	13.6#



#60
1,2,3-Trichloropropane
Concen: 4.925 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050451.D
Acq: 26 Aug 2022 12:51

Tgt Ion: 75 Resp: 15049

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.7	38.5
110	2.5	29.0	43.4#

