

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078352.D
 Acq On : 05 Feb 2024 18:00
 Operator : RP/MD
 Sample : P1329-16RE
 Misc : 4.52G/10ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 06 00:53:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 00:51:05 2024
 Response via : Initial Calibration

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

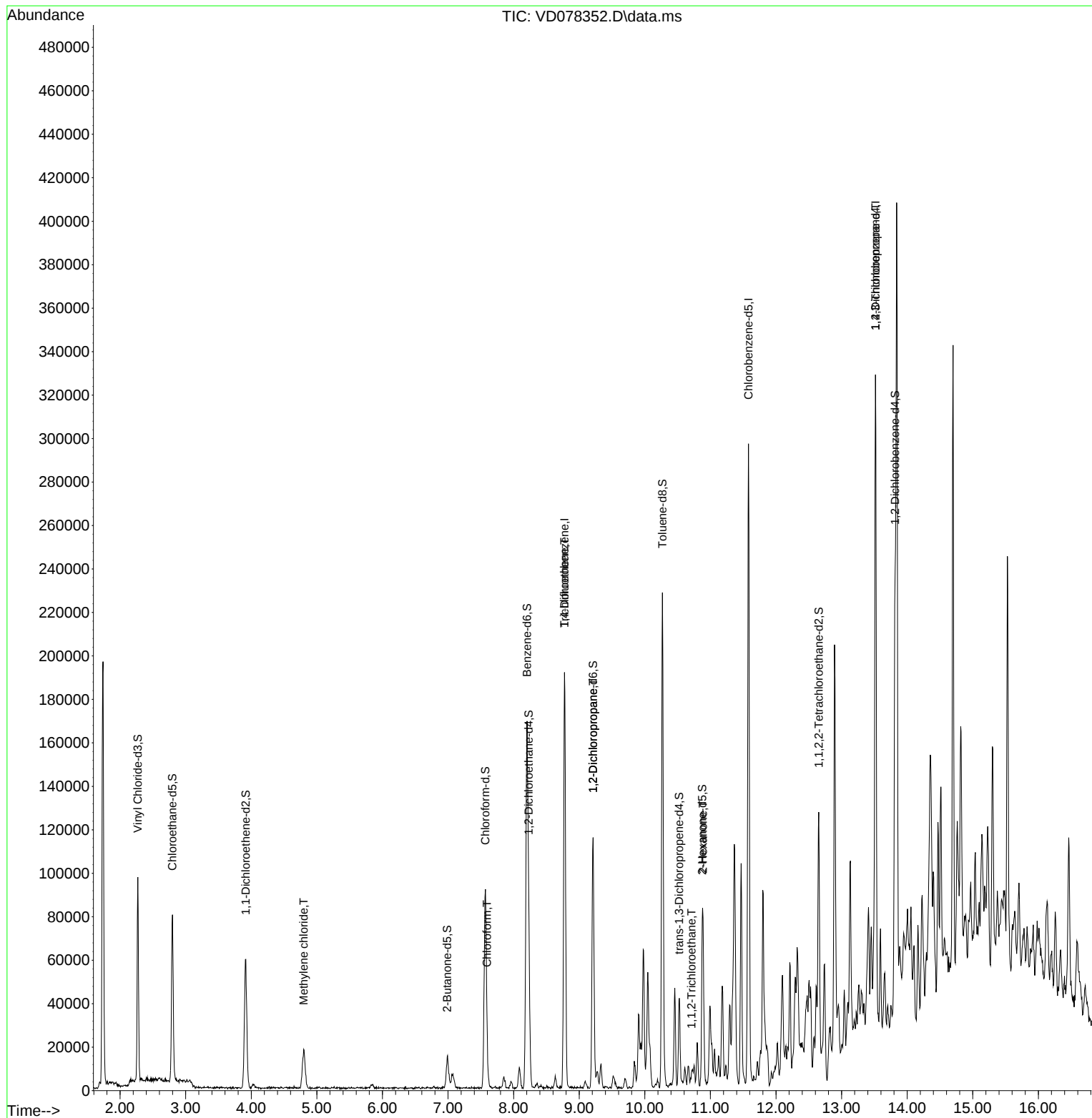
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	170707	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	165641	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	69383	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	83399	17.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.880%
7) Chloroethane-d5	2.799	69	75441	18.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
11) 1,1-Dichloroethene-d2	3.917	65	17067	16.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.280%
21) 2-Butanone-d5	6.987	46	24129	33.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.680%
24) Chloroform-d	7.569	84	90541	18.602	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	8.228	65	48565	18.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.960%
32) Benzene-d6	8.205	84	177091	18.284	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.120%
36) 1,2-Dichloropropane-d6	9.210	67	58859	19.740	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.960%
41) Toluene-d8	10.269	98	150523	17.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.200%
43) trans-1,3-Dichloroprop...	10.522	79	23510	17.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.640%
47) 2-Hexanone-d5	10.875	63	22648	37.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	53407	19.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	51589	20.769	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.080%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	13397	4.002	ug/L	94
25) Chloroform	7.593	83	5849	1.122	ug/L	89
34) Trichloroethene	8.775	95	4774	1.694	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	4821	1.639	ug/L #	87
45) 1,1,2-Trichloroethane	10.710	97	2027	0.865	ug/L #	30
48) 2-Hexanone	10.887	43	15624	10.486	ug/L #	21
61) 1,2,3-Trichloropropane	13.516	75	9842	5.561	ug/L #	63

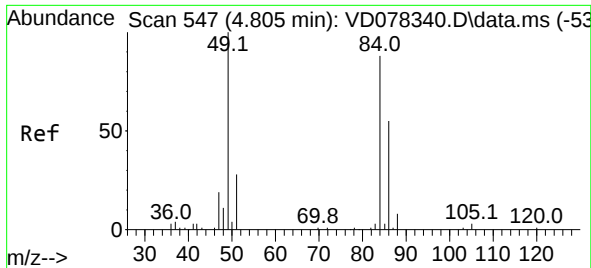
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Feb 06 00:51:05 2024
Response via : Initial Calibration

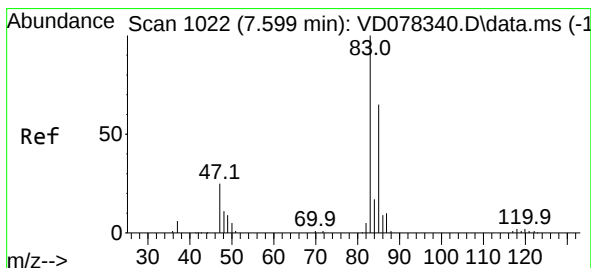
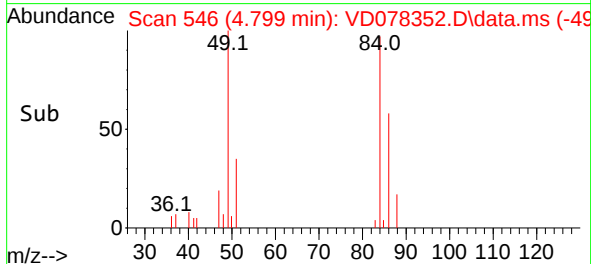
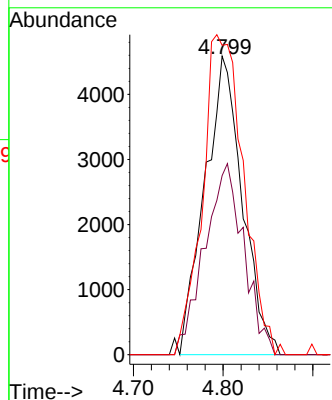
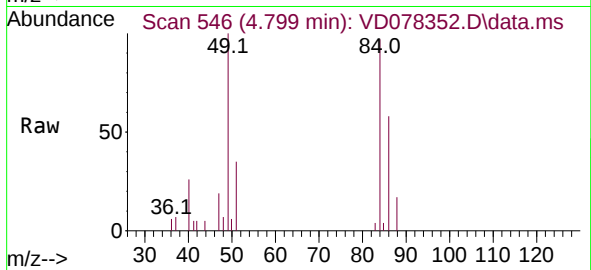




#16
Methylene chloride
Concen: 4.002 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078352.D
Acq: 05 Feb 2024 18:00

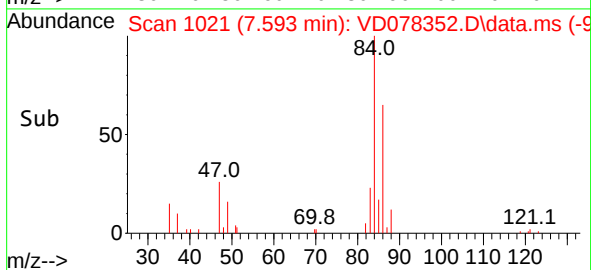
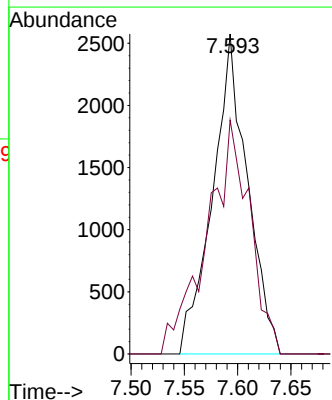
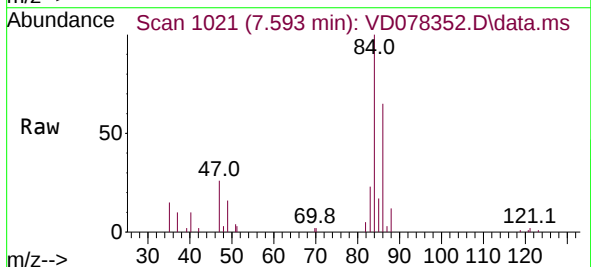
Instrument :
MSVOA_D
ClientSampleId :

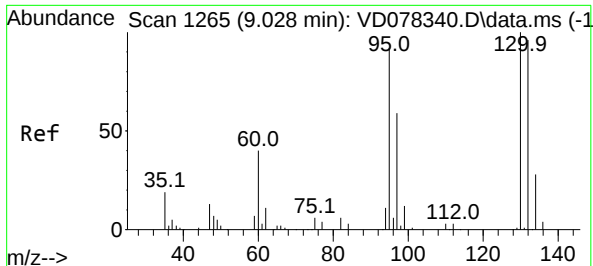
Tgt Ion: 84 Resp: 13397
Ion Ratio Lower Upper
84 100
86 59.9 45.4 84.2
49 103.6 77.3 143.7



#25
Chloroform
Concen: 1.122 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078352.D
Acq: 05 Feb 2024 18:00

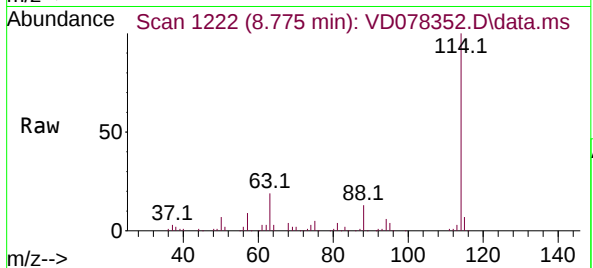
Tgt Ion: 83 Resp: 5849
Ion Ratio Lower Upper
83 100
85 73.1 44.9 83.3



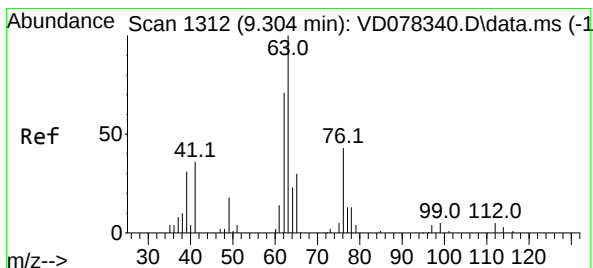
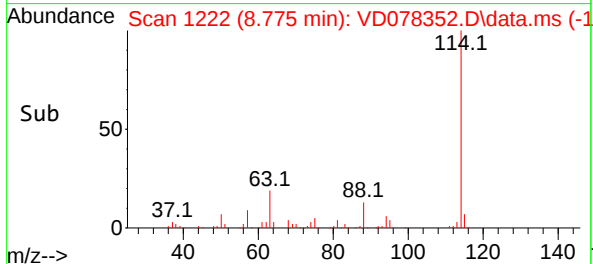
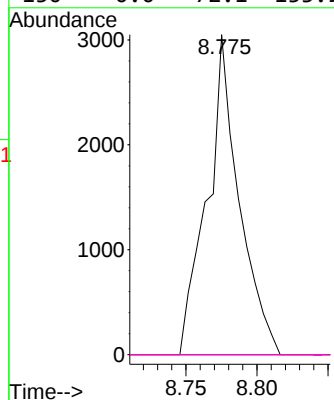


#34
 Trichloroethene
 Concen: 1.694 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD078352.D
 Acq: 05 Feb 2024 18:00

Instrument :
 MSVOA_D
 ClientSampleId :

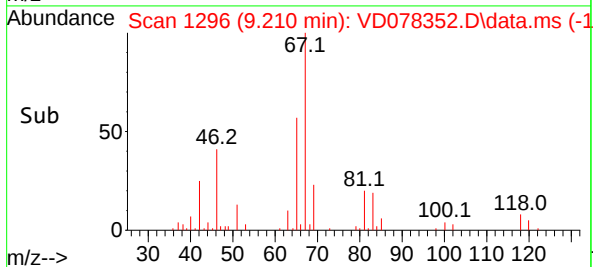
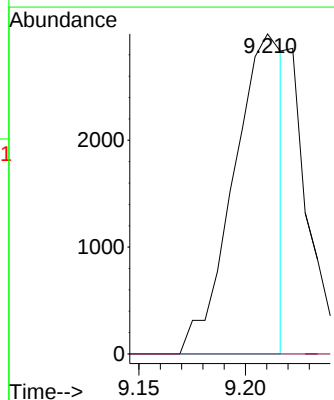
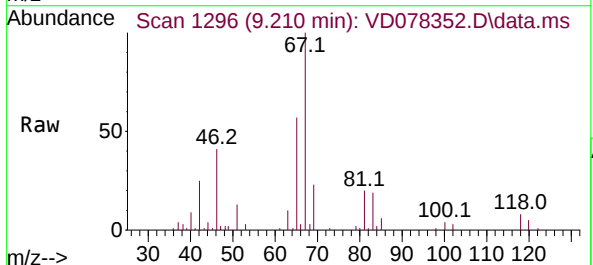


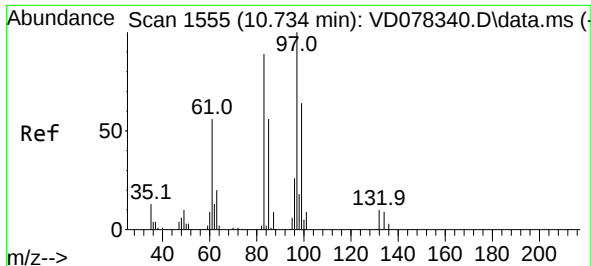
Tgt Ion: 95 Resp: 4774
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.9 87.1#
 132 0.0 73.7 136.9#
 130 0.0 72.1 133.9#



#37
 1,2-Dichloropropane
 Concen: 1.639 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD078352.D
 Acq: 05 Feb 2024 18:00

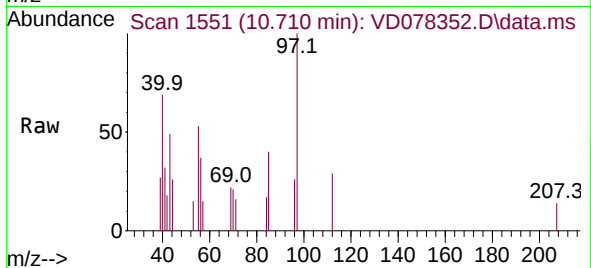
Tgt Ion: 63 Resp: 4821
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



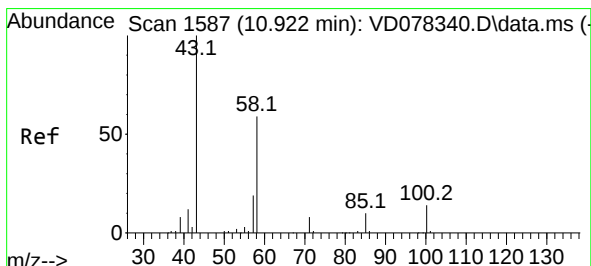
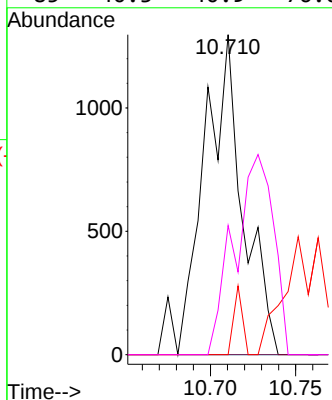
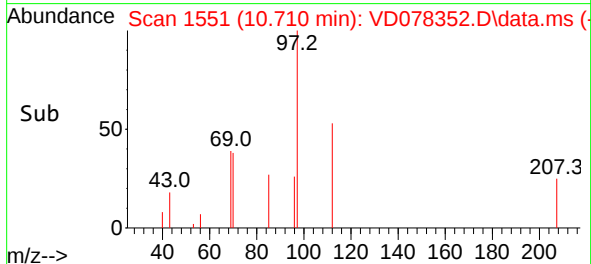


#45
1,1,2-Trichloroethane
Concen: 0.865 ug/L
RT: 10.710 min Scan# 1551
Delta R.T. -0.023 min
Lab File: VD078352.D
Acq: 05 Feb 2024 18:00

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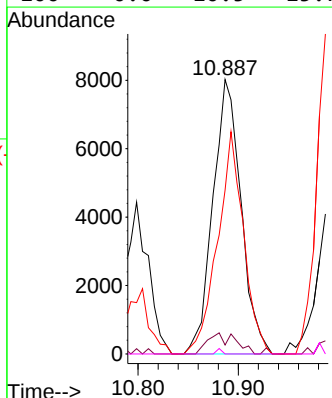
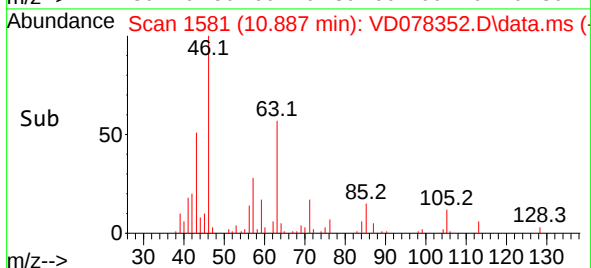
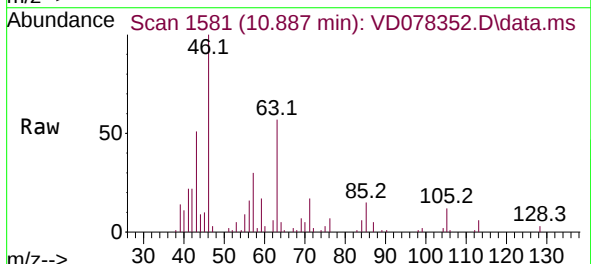


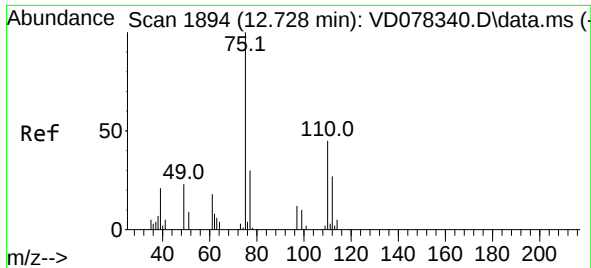
Tgt Ion: 97	Resp: 2027
Ion Ratio	Lower Upper
97 100	
99 0.0	45.4 84.4#
83 0.0	59.5 110.5#
85 40.3	40.9 76.0#



#48
2-Hexanone
Concen: 10.486 ug/L
RT: 10.887 min Scan# 1581
Delta R.T. -0.035 min
Lab File: VD078352.D
Acq: 05 Feb 2024 18:00

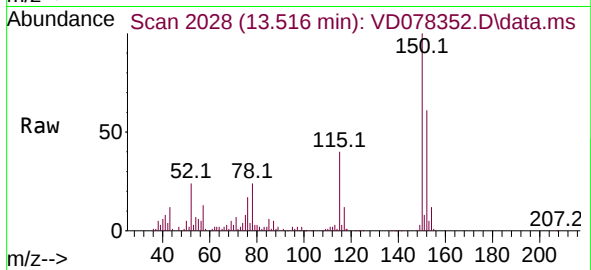
Tgt	Ion: 43	Resp:	15624
Ion	Ratio	Lower	Upper
43	100		
58	3.1	48.5	72.7#
57	74.9	15.6	23.4#
100	0.0	10.5	15.7#





#61
 1,2,3-Trichloropropane
 Concen: 5.561 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD078352.D
 Acq: 05 Feb 2024 18:00

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	9842
Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.5	39.7
110	1.4	31.8	47.8#

