

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075894.D
 Acq On : 28 Apr 2023 18:30
 Operator : KP/SY
 Sample : 02447-14RE
 Misc : 4.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW934RE

Quant Time: Apr 29 05:14:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

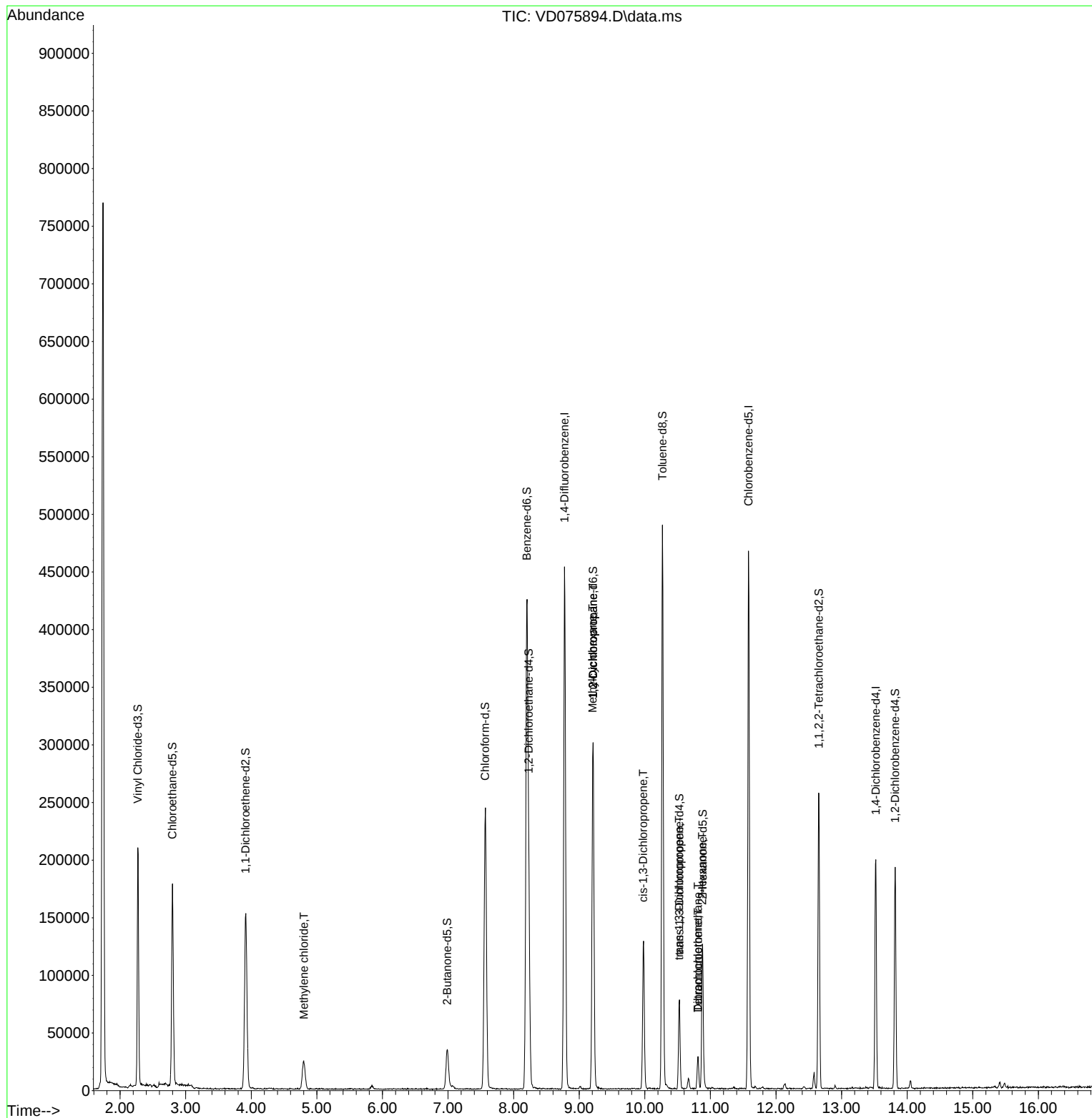
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	441804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	297037	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	61382	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	193450	19.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.840%
7) Chloroethane-d5	2.799	69	188224	22.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.920%
11) 1,1-Dichloroethene-d2	3.911	65	40916	18.311	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.240%
21) 2-Butanone-d5	6.987	46	58675	69.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.480%#
24) Chloroform-d	7.563	84	262983	23.804	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	8.228	65	117022	24.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	8.199	84	494294	28.551	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	9.210	67	164232	34.272	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.080%#
41) Toluene-d8	10.269	98	357525	22.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.240%
43) trans-1,3-Dichloroprop...	10.528	79	45637	23.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	10.881	63	46170	80.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.040%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	136486	37.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	148.880%#
66) 1,2-Dichlorobenzene-d4	13.816	152	58011	26.719	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.880%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	22500	2.510	ug/L	88
35) Methylcyclohexane	9.204	83	38416	5.363	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	16119	3.906	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3277	0.499	ug/L #	59
44) trans-1,3-Dichloropropene	10.522	75	2222	0.421	ug/L	89
46) Tetrachloroethene	10.810	164	6823	1.790	ug/L	88
48) 2-Hexanone	10.875	43	4779	4.505	ug/L #	29
49) Dibromochloromethane	10.810	129	6194	1.620	ug/L #	10

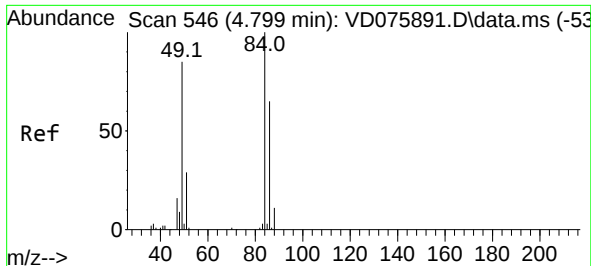
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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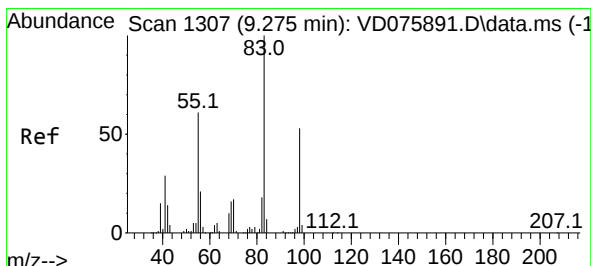
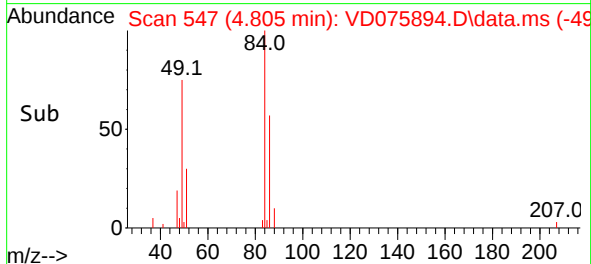
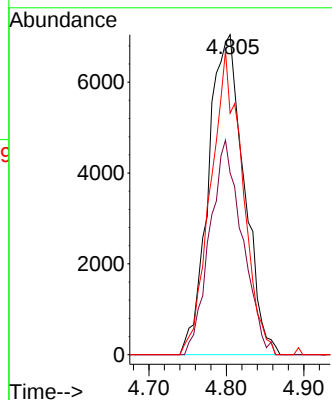
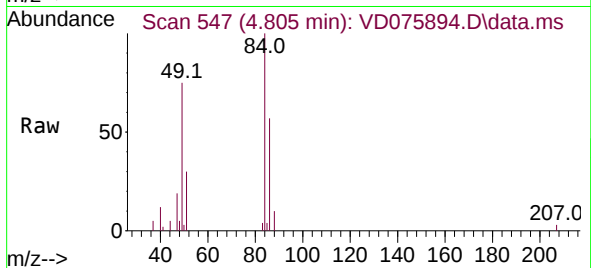




#16
Methylene chloride
Concen: 2.510 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

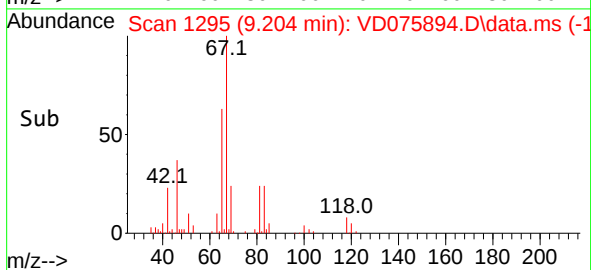
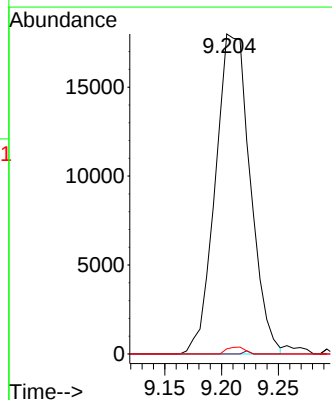
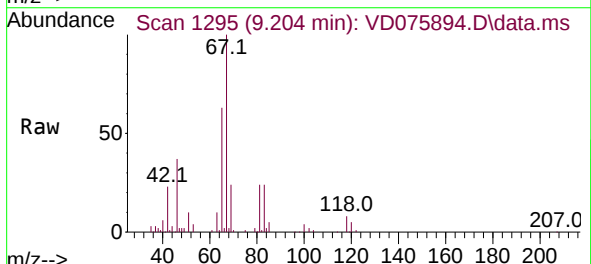
Instrument :
MSVOA_D
ClientSampleId :
EW934RE

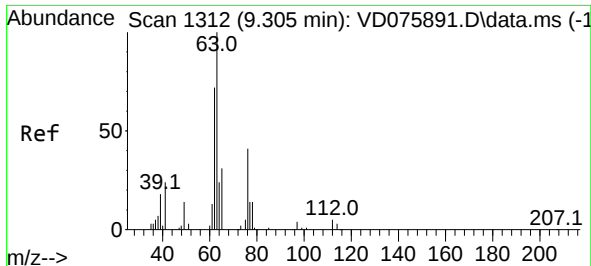
Tgt Ion: 84 Resp: 22500
Ion Ratio Lower Upper
84 100
86 56.7 45.8 85.2
49 75.4 60.8 112.8



#35
Methylcyclohexane
Concen: 5.363 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

Tgt Ion: 83 Resp: 38416
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.1 40.8 61.2#

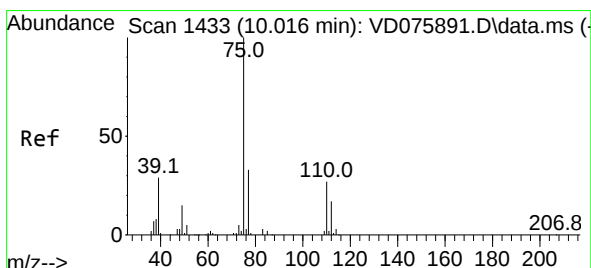
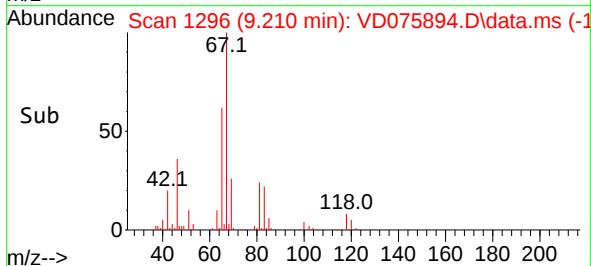
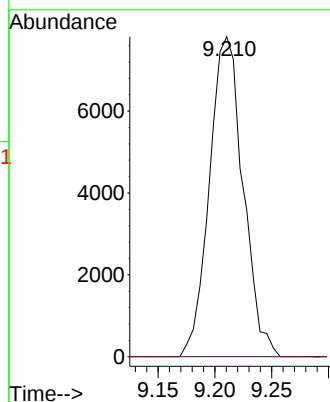
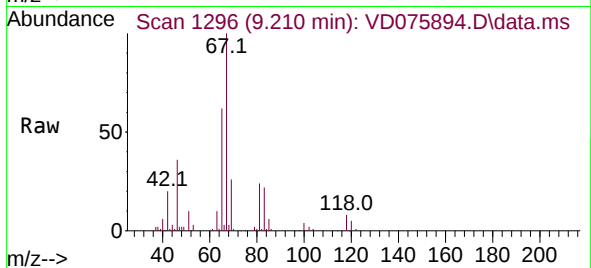




#37
1,2-Dichloropropane
Concen: 3.906 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

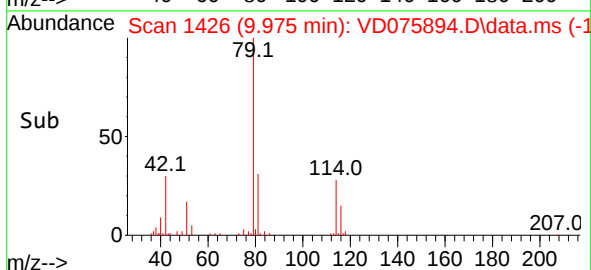
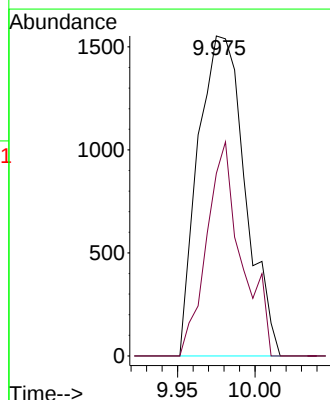
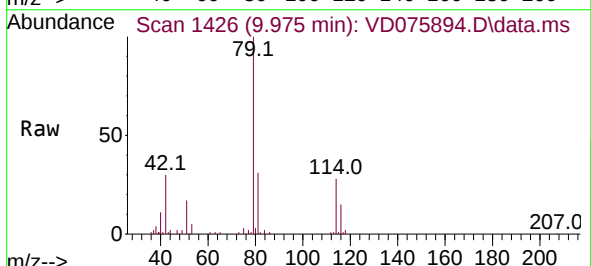
Instrument :
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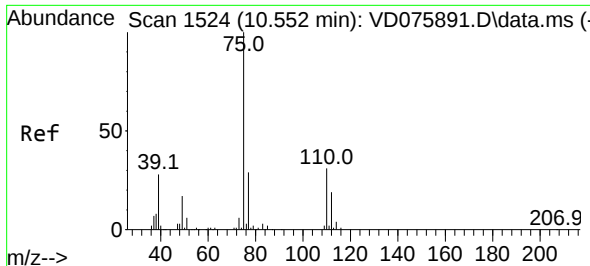
Tgt Ion: 63 Resp: 16119
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.499 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

Tgt Ion: 75 Resp: 3277
Ion Ratio Lower Upper
75 100
77 57.1 23.4 43.6#

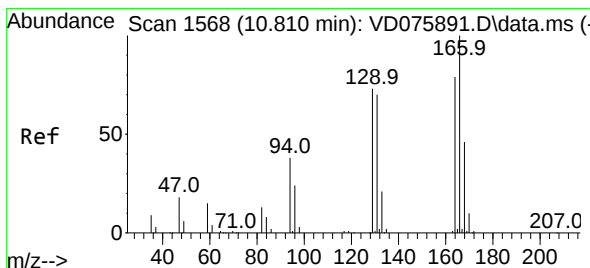
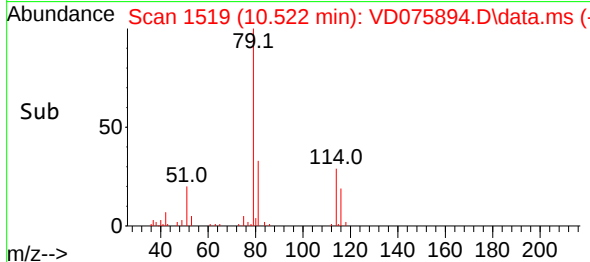
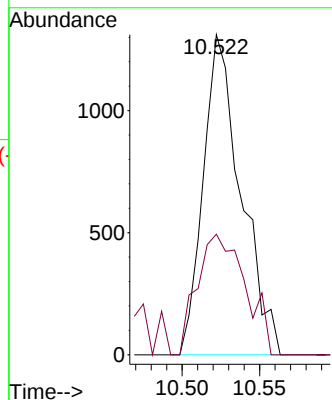
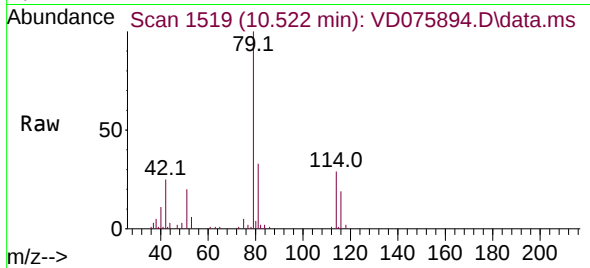




#44
trans-1,3-Dichloropropene
Concen: 0.421 ug/L
RT: 10.522 min Scan# 1524
Delta R.T. -0.029 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

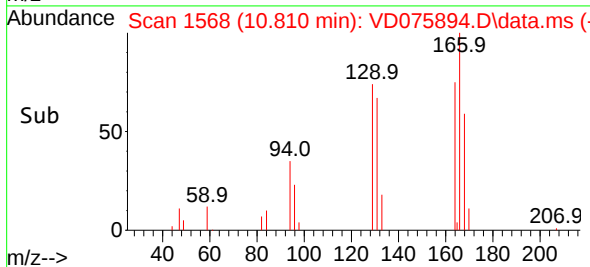
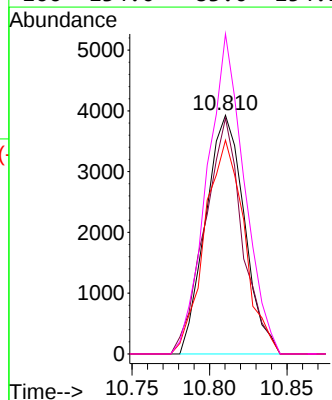
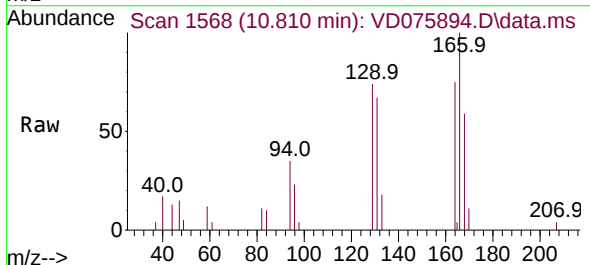
Instrument :
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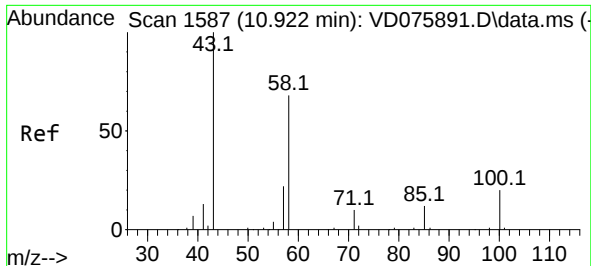
Tgt Ion: 75 Resp: 2222
Ion Ratio Lower Upper
75 100
77 37.7 22.0 41.0



#46
Tetrachloroethene
Concen: 1.790 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

Tgt Ion: 164 Resp: 6823
Ion Ratio Lower Upper
164 100
129 98.7 60.3 112.1
131 89.5 58.9 109.3
166 134.0 83.0 154.1

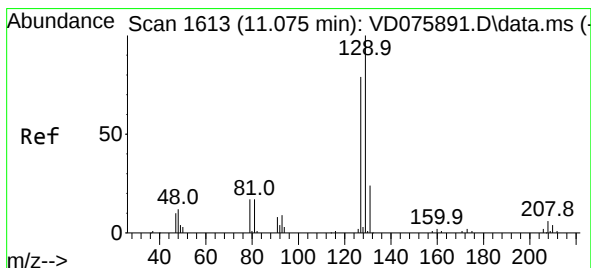
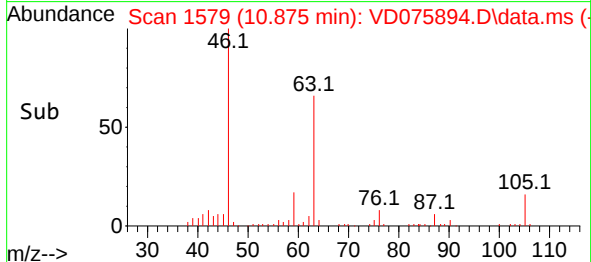
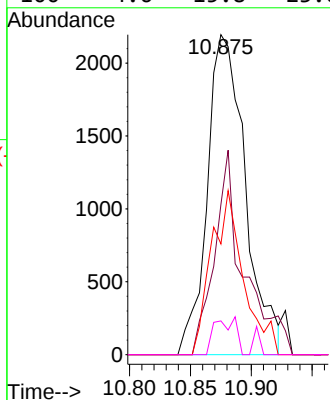
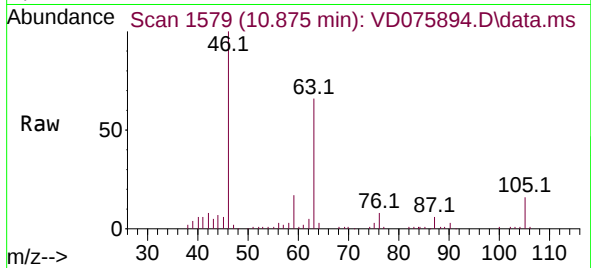




#48
2-Hexanone
Concen: 4.505 ug/L
RT: 10.875 min Scan# 1567
Delta R.T. -0.047 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

Instrument :
MSVOA_D
ClientSampleId :
EW934RE

Tgt Ion:	43	Resp:	4779
Ion	Ratio	Lower	Upper
43	100		
58	0.0	59.7	89.5#
57	0.0	17.9	26.9#
100	4.6	15.8	23.6#



#49
Dibromochloromethane
Concen: 1.620 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075894.D
Acq: 28 Apr 2023 18:30

Tgt Ion:	129	Resp:	6194
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#

