

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075575.D
 Acq On : 05 Apr 2023 12:40
 Operator : KP/SY
 Sample : VD0405SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK118

Quant Time: Apr 05 23:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

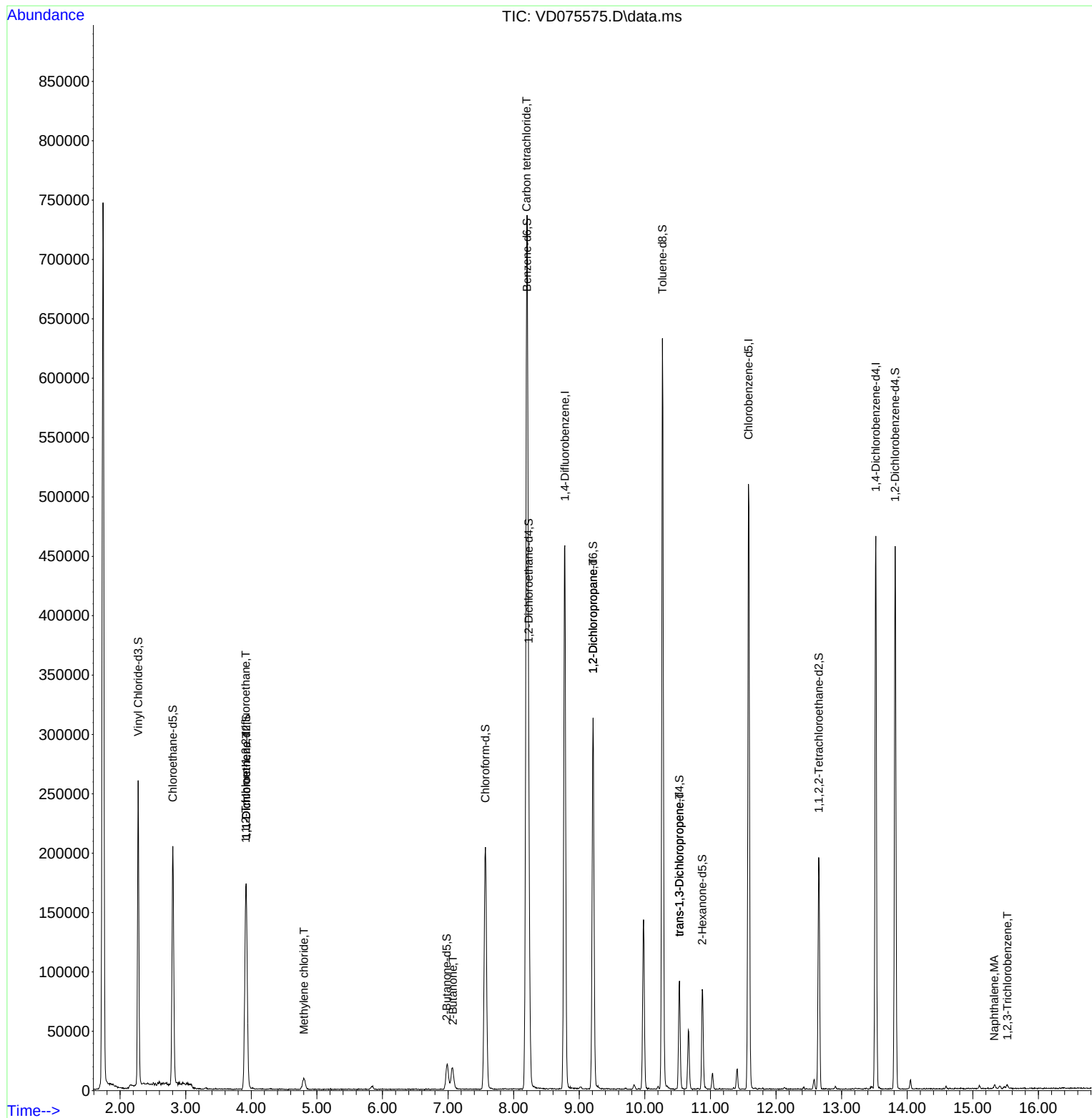
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	463757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	326315	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	131981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	238837	22.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
7) Chloroethane-d5	2.805	69	215576	22.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	3.922	63	152145	17.469	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.880%
21) 2-Butanone-d5	6.981	46	35807	50.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.840%
24) Chloroform-d	7.569	84	228007	20.853	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	8.228	65	117781	24.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.204	84	588554	30.851	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.400%
36) 1,2-Dichloropropane-d6	9.210	67	160620	31.593	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.360%#
41) Toluene-d8	10.269	98	459797	25.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	10.528	79	56996	26.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.560%
47) 2-Hexanone-d5	10.875	63	32992	54.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	103993	27.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	129080	28.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.040%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	3.916	101	1402	0.262	ug/L #	22
12) 1,1-Dichloroethene	3.922	96	1388	0.314	ug/L #	1
16) Methylene chloride	4.805	84	8591	1.348	ug/L	90
22) 2-Butanone	7.075	43	850	0.968	ug/L #	57
31) Carbon tetrachloride	8.199	117	2798	0.539	ug/L #	25
37) 1,2-Dichloropropane	9.210	63	16208	4.103	ug/L #	82
44) trans-1,3-Dichloropropene	10.528	75	2455	0.461	ug/L	90
71) Naphthalene	15.328	128	3550	0.487	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.528	180	1700	0.482	ug/L #	83

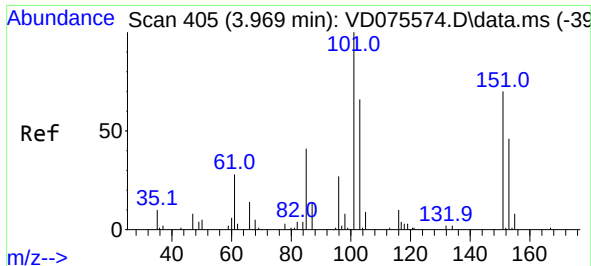
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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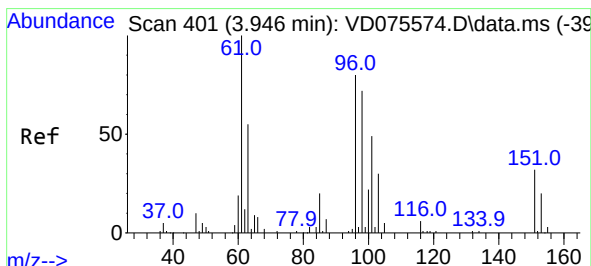
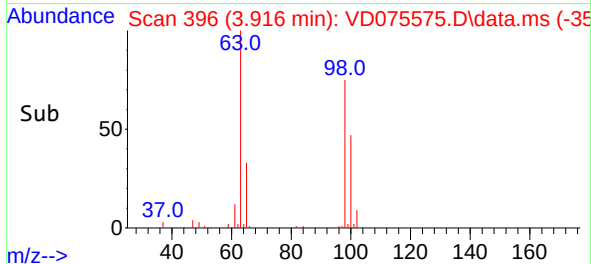
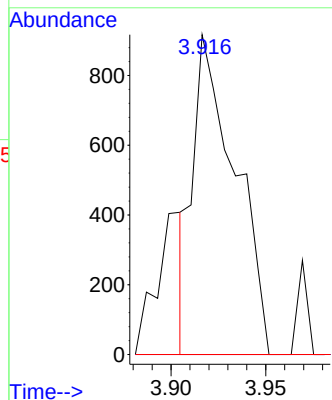
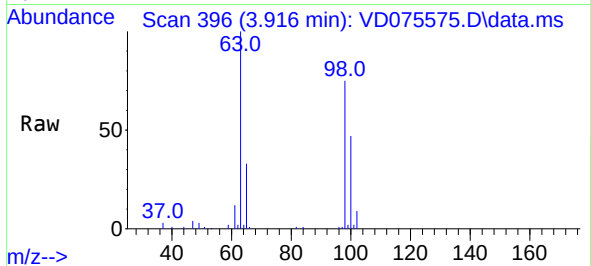




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.262 ug/L
 RT: 3.916 min Scan# 396
 Delta R.T. -0.053 min
 Lab File: VD075575.D
 Acq: 05 Apr 2023 12:40

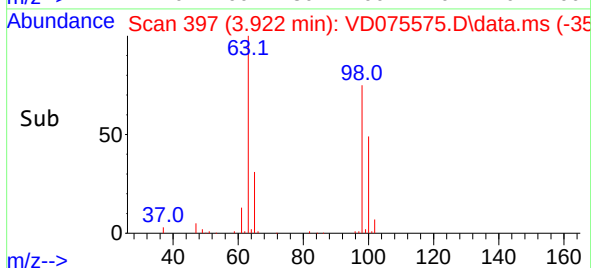
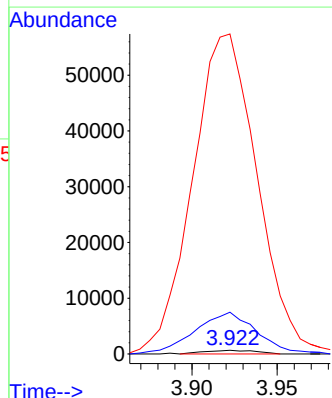
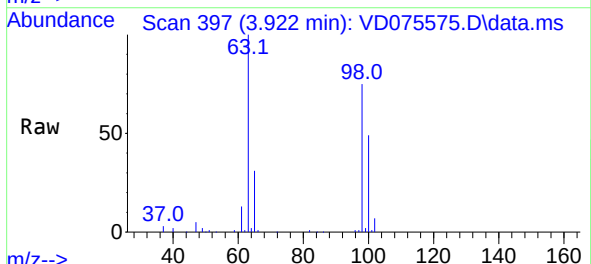
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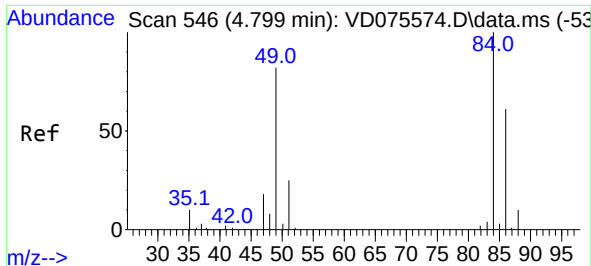
Tgt Ion:101 Resp: 1402
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.4 50.0#
 151 0.0 55.8 83.8#



#12
 1,1-Dichloroethene
 Concen: 0.314 ug/L
 RT: 3.922 min Scan# 397
 Delta R.T. -0.023 min
 Lab File: VD075575.D
 Acq: 05 Apr 2023 12:40

Tgt Ion: 96 Resp: 1388
 Ion Ratio Lower Upper
 96 100
 61 1144.5 96.7 179.7#
 63 8778.0 76.0 141.2#

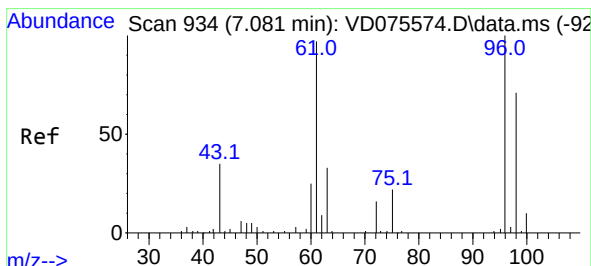
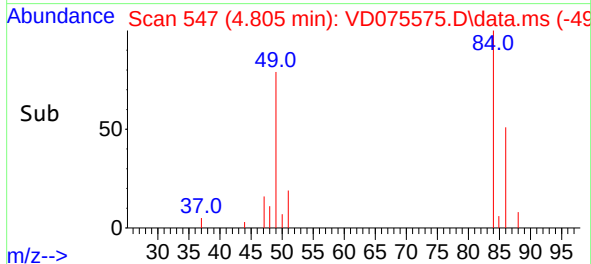
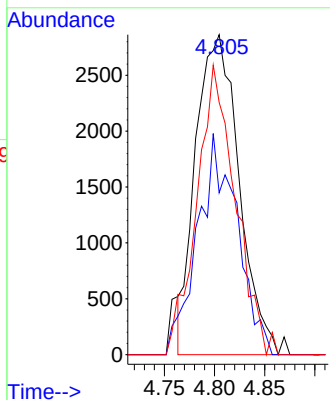
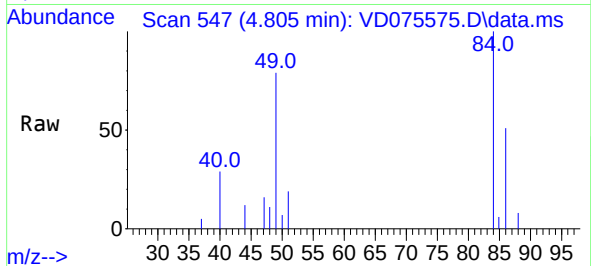




#16
Methylene chloride
Concen: 1.348 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075575.D
Acq: 05 Apr 2023 12:40

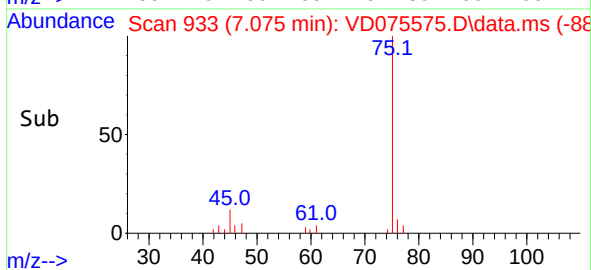
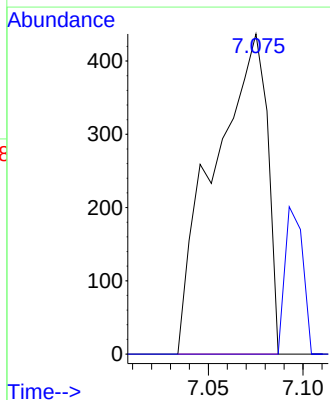
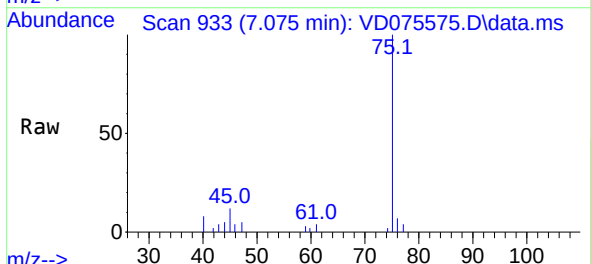
Instrument :
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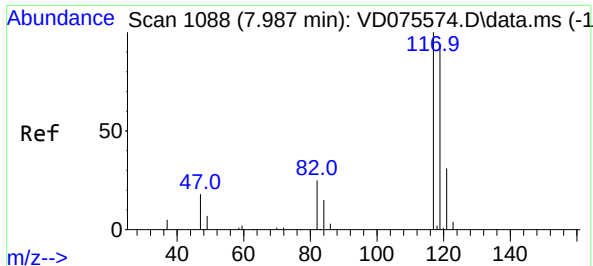
Tgt Ion: 84 Resp: 8591
Ion Ratio Lower Upper
84 100
86 50.6 44.4 82.4
49 78.8 58.5 108.7



#22
2-Butanone
Concen: 0.968 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.011 min
Lab File: VD075575.D
Acq: 05 Apr 2023 12:40

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
72 15.4 21.3 63.9#

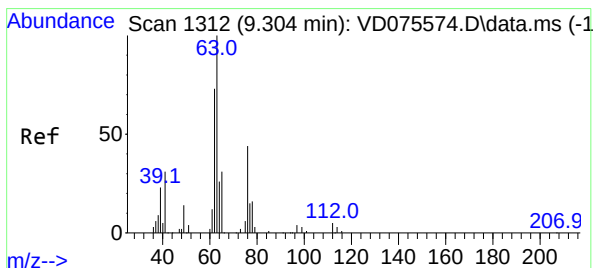
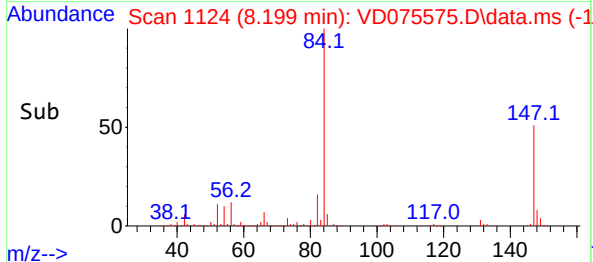
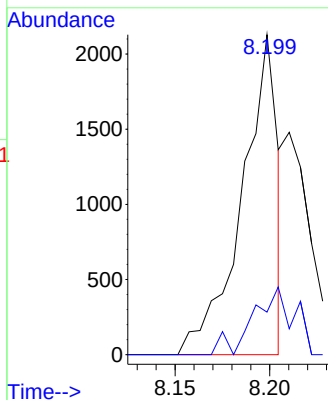
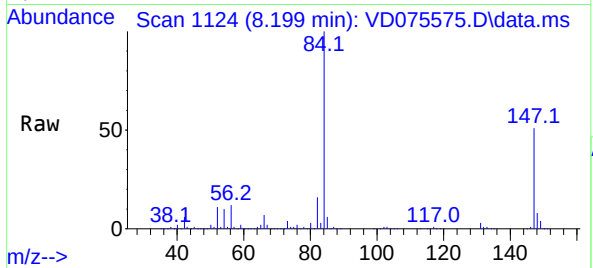




#31
Carbon tetrachloride
Concen: 0.539 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. 0.206 min
Lab File: VD075575.D
Acq: 05 Apr 2023 12:40

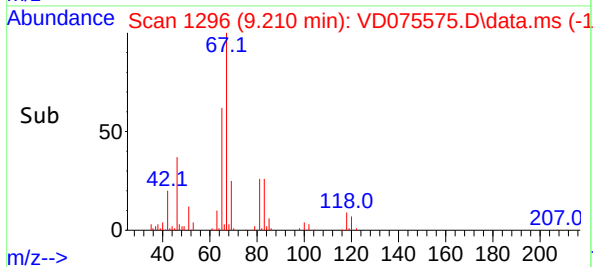
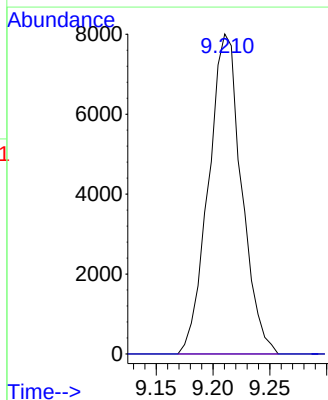
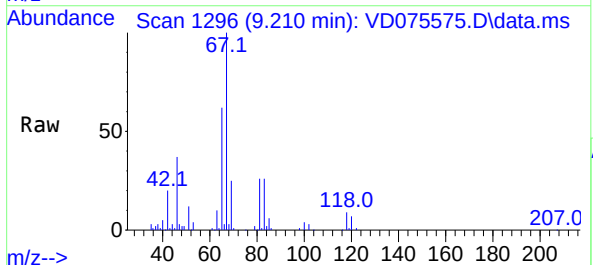
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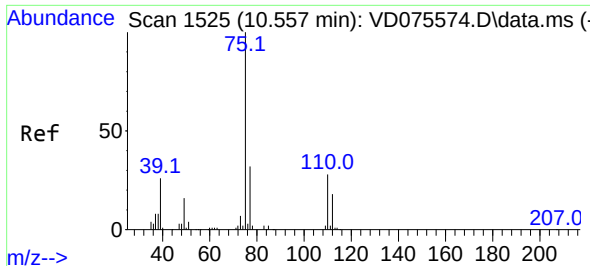
Tgt Ion:117 Resp: 2798
Ion Ratio Lower Upper
117 100
119 22.0 76.4 114.6#



#37
1,2-Dichloropropane
Concen: 4.103 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075575.D
Acq: 05 Apr 2023 12:40

Tgt Ion: 63 Resp: 16208
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#

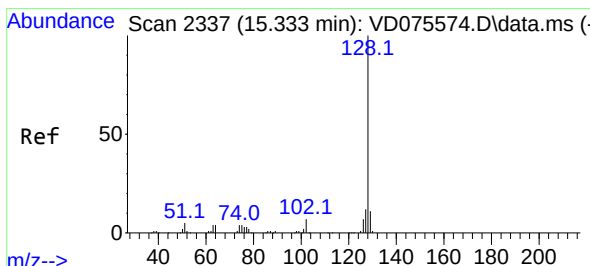
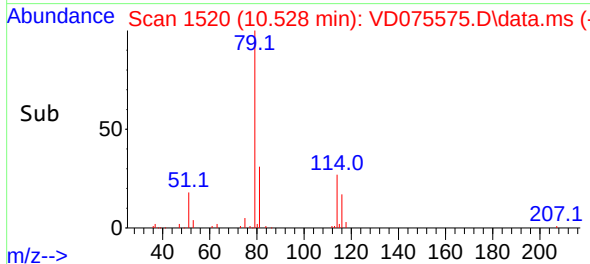
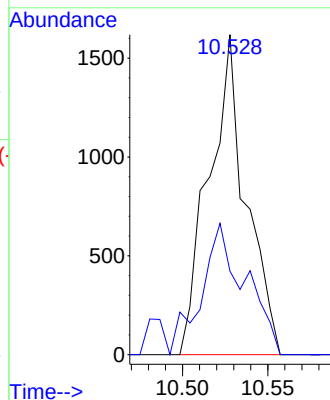
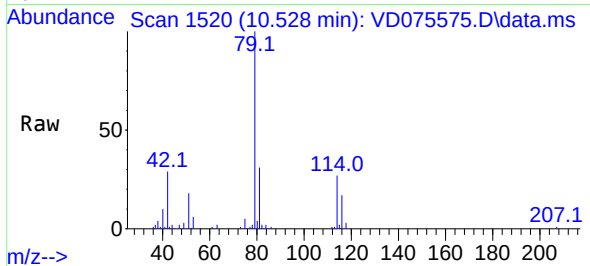




#44
trans-1,3-Dichloropropene
Concen: 0.461 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD075575.D
Acq: 05 Apr 2023 12:40

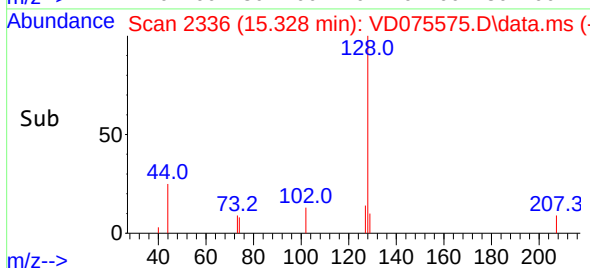
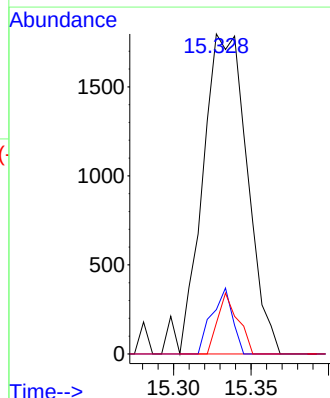
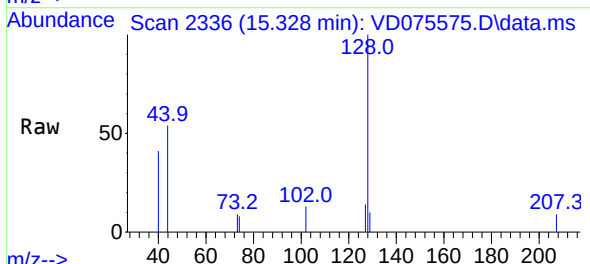
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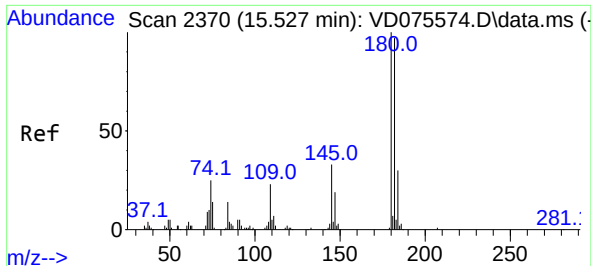
Tgt Ion: 75 Resp: 2455
Ion Ratio Lower Upper
75 100
77 26.1 22.1 41.1



#71
Naphthalene
Concen: 0.487 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD075575.D
Acq: 05 Apr 2023 12:40

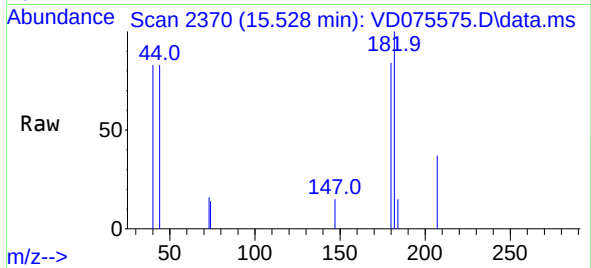
Tgt Ion:128 Resp: 3550
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 8.8 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.482 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075575.D
 Acq: 05 Apr 2023 12:40

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Tgt Ion:	180	Resp:	1700
Ion	Ratio	Lower	Upper
180	100		
182	99.6	75.4	113.0
145	4.2	25.2	37.8#

