

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075895.D
 Acq On : 28 Apr 2023 18:59
 Operator : KP/SY
 Sample : 02548-25
 Misc : 5.82G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCQ5

Quant Time: Apr 29 05:14:15 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)

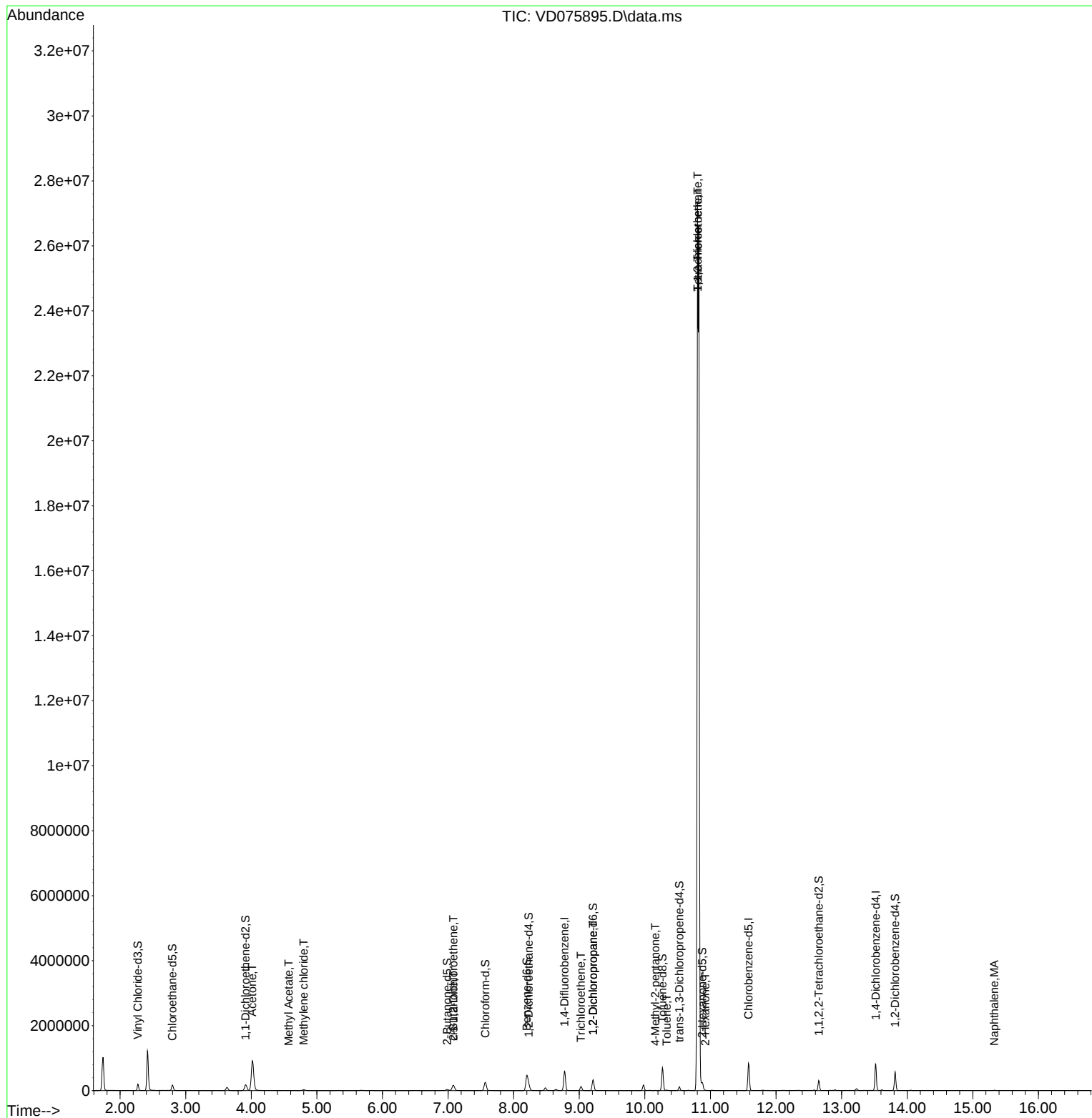
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	592183	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	531520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	242135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	195228	15.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.120%		
7) Chloroethane-d5	2.799	69	189222	16.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.440%		
11) 1,1-Dichloroethene-d2	3.911	65	48408	16.163	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.640%		
21) 2-Butanone-d5	6.987	46	62691	55.588	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.180%		
24) Chloroform-d	7.569	84	289961	19.581	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.320%		
26) 1,2-Dichloroethane-d4	8.228	65	126636	20.025	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.120%		
32) Benzene-d6	8.199	84	555143	17.920	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.680%		
36) 1,2-Dichloropropane-d6	9.210	67	174814	20.387	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.560%		
41) Toluene-d8	10.269	98	511487	17.636	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.560%		
43) trans-1,3-Dichloroprop...	10.528	79	67440	19.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.120%		
47) 2-Hexanone-d5	10.875	63	59361	57.495	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.980%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	154683	23.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.280%		
66) 1,2-Dichlorobenzene-d4	13.816	152	162745	19.002	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.000%		
Target Compounds						Qvalue
13) Acetone	4.016	43	1479561	1533.035	ug/L	98
15) Methyl Acetate	4.569	43	859	0.411	ug/L #	62
16) Methylene chloride	4.799	84	22615	1.883	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	52557	5.693	ug/L	94
22) 2-Butanone	7.081	43	144253	114.649	ug/L	93
34) Trichloroethene	9.028	95	45158	5.431	ug/L	96
37) 1,2-Dichloropropane	9.210	63	17143	2.321	ug/L #	85
40) 4-Methyl-2-pentanone	10.157	43	3974	1.476	ug/L #	89
42) Toluene	10.334	91	10400	0.299	ug/L	91
45) 1,1,2-Trichloroethane	10.804	97	74835	11.911	ug/L #	1
46) Tetrachloroethene	10.804	164	4240505	621.812	ug/L #	82
48) 2-Hexanone	10.922	43	3053	1.608	ug/L #	86
71) Naphthalene	15.328	128	10541	0.675	ug/L #	74

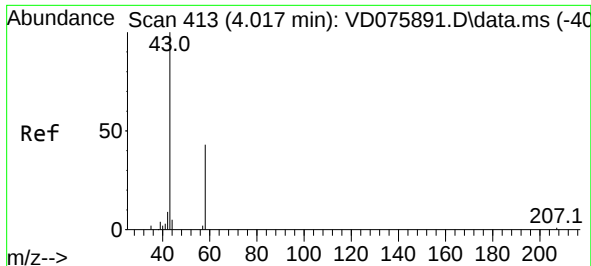
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

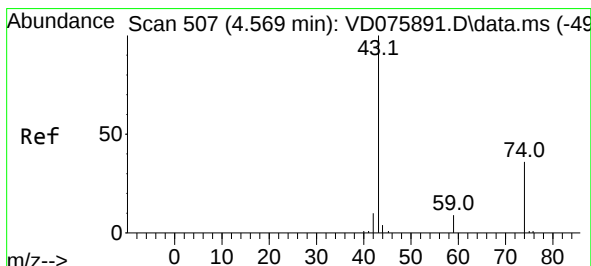
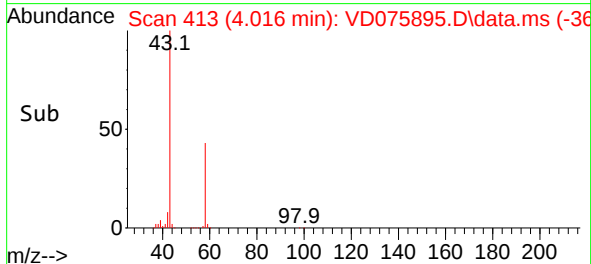
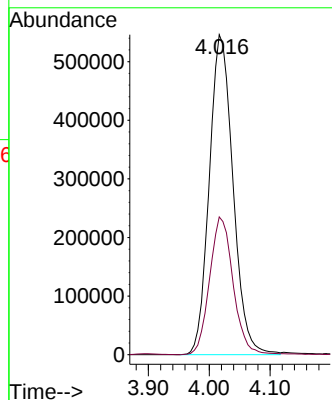
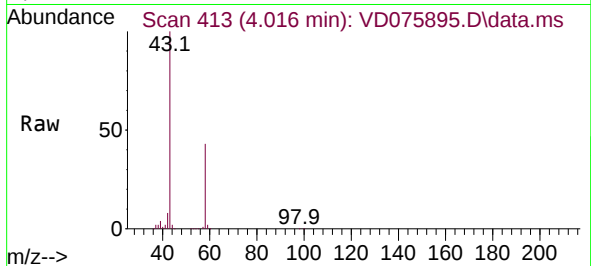




#13
Acetone
Concen: 1533.035 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

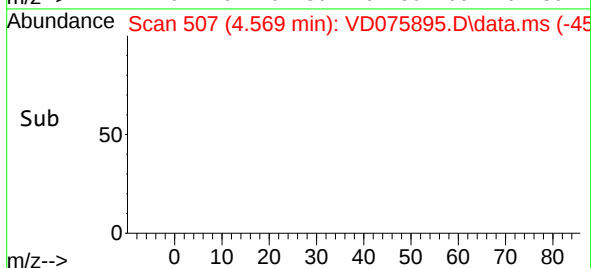
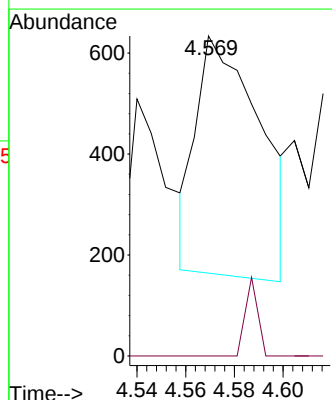
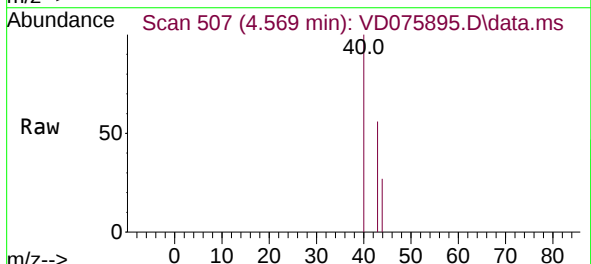
Instrument :
MSVOA_D
ClientSampleId :
DCCQ5

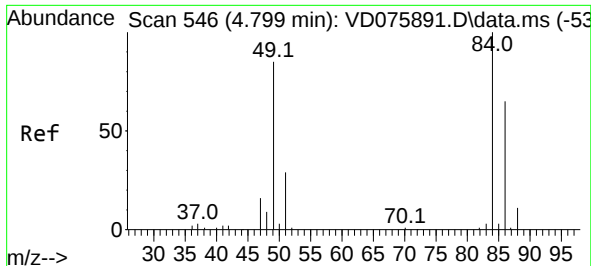
Tgt Ion: 43 Resp: 1479561
Ion Ratio Lower Upper
43 100
58 42.7 0.0 87.4



#15
Methyl Acetate
Concen: 0.411 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
74 0.0 12.8 19.2#

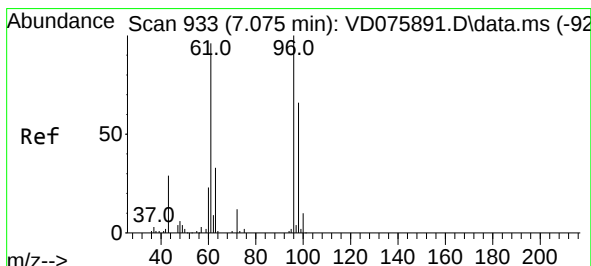
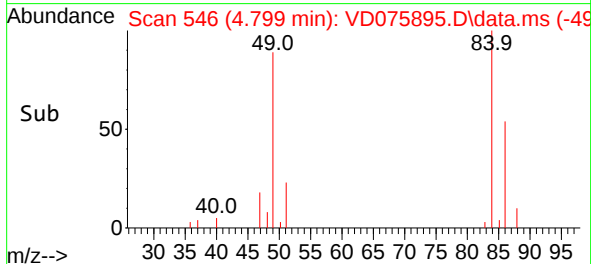
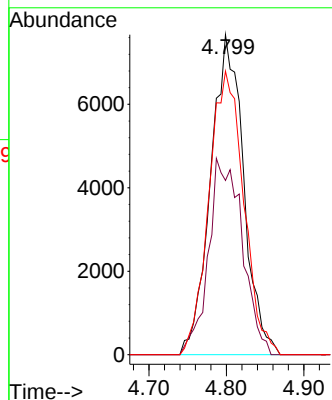
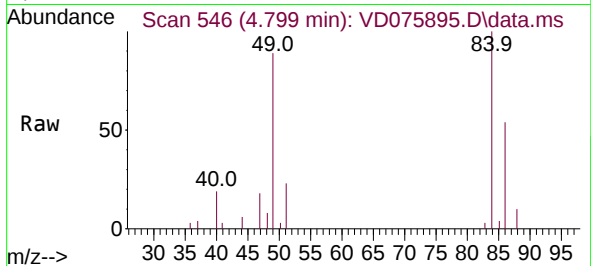




#16
Methylene chloride
Concen: 1.883 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

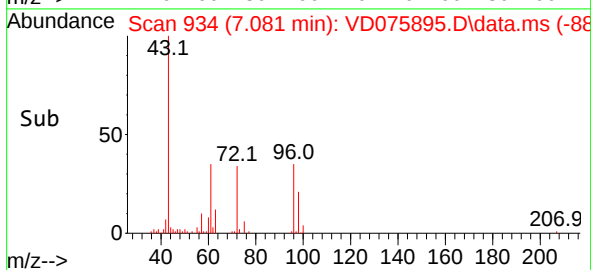
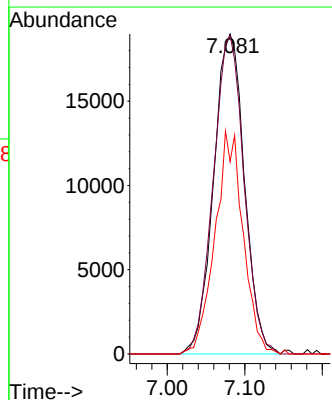
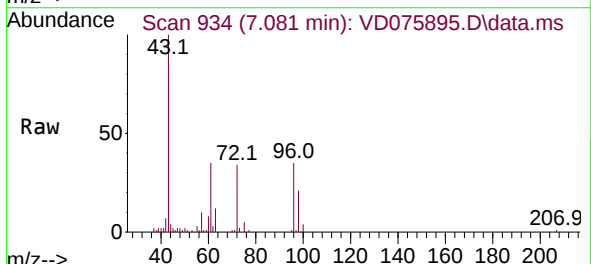
Instrument :
MSVOA_D
ClientSampleId :
DCCQ5

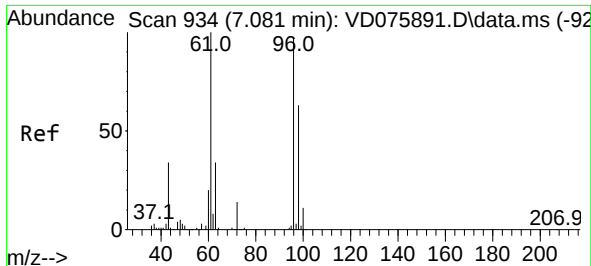
Tgt Ion: 84	Resp: 22615
Ion Ratio	Lower Upper
84 100	
86 54.4	45.8 85.2
49 88.6	60.8 112.8



#20
cis-1,2-Dichloroethene
Concen: 5.693 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Tgt Ion: 96	Resp: 52557
Ion Ratio	Lower Upper
96 100	
61 99.5	67.5 125.3
98 60.1	47.5 88.1

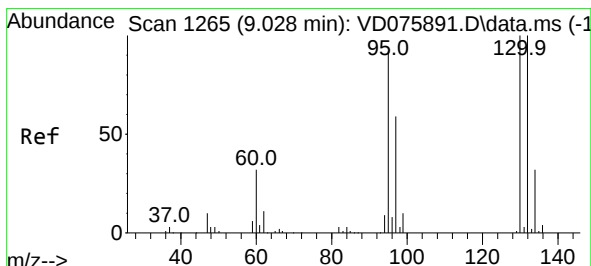
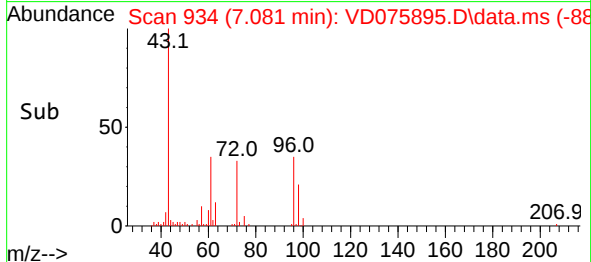
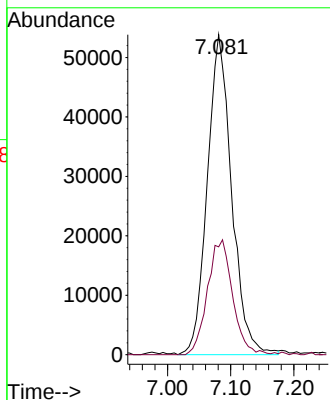
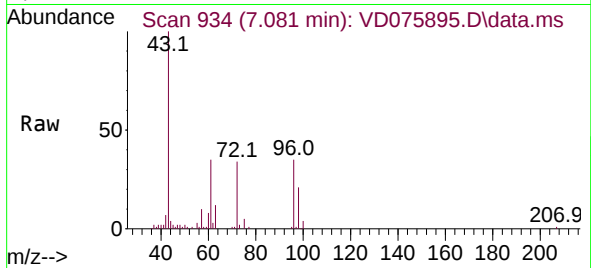




#22
2-Butanone
Concen: 114.649 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

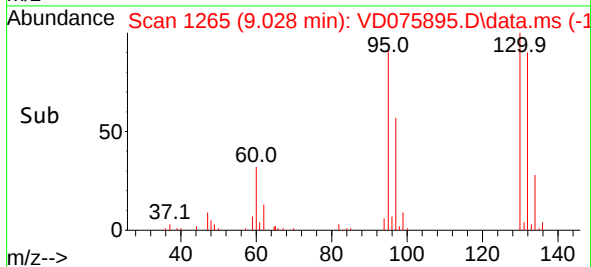
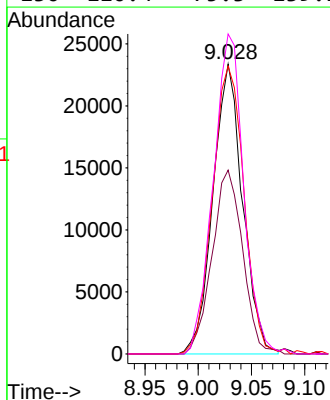
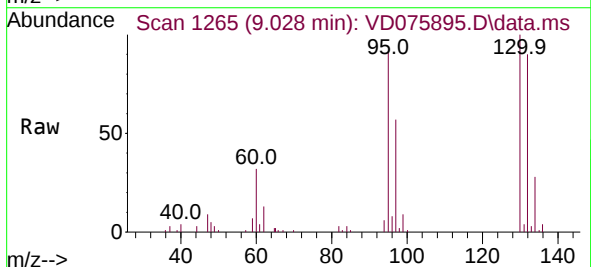
Instrument :
MSVOA_D
ClientSampleId :
DCCQ5

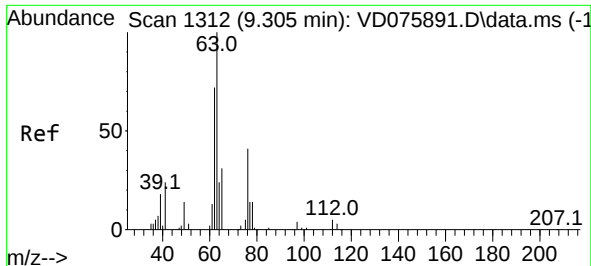
Tgt Ion: 43 Resp: 144253
Ion Ratio Lower Upper
43 100
72 36.5 20.5 61.5



#34
Trichloroethene
Concen: 5.431 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Tgt Ion: 95 Resp: 45158
Ion Ratio Lower Upper
95 100
97 63.4 46.0 85.4
132 99.3 73.3 136.1
130 110.4 75.3 139.9

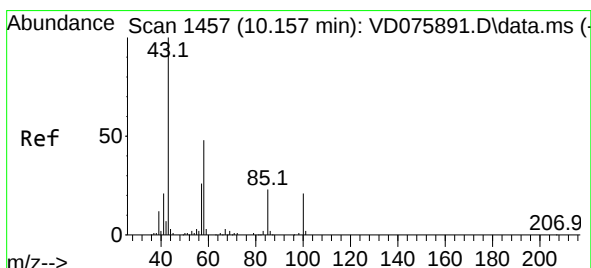
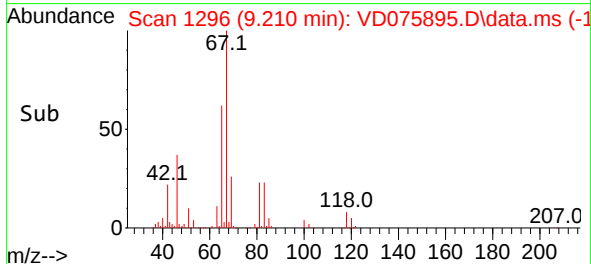
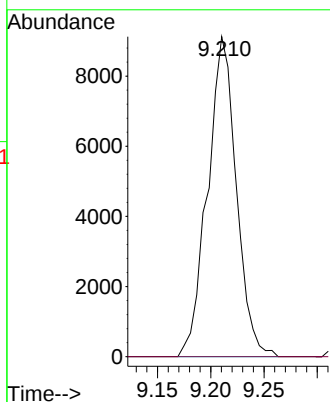
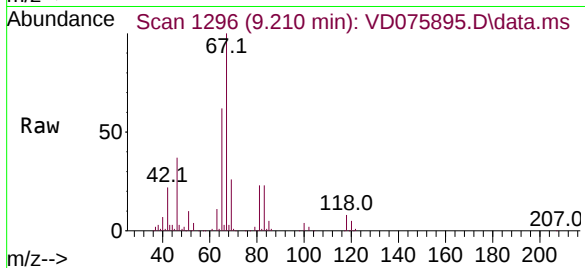




#37
1,2-Dichloropropane
Concen: 2.321 ug/L
RT: 9.210 min Scan# 111
Delta R.T. -0.094 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

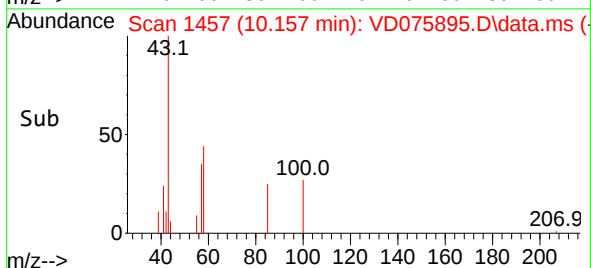
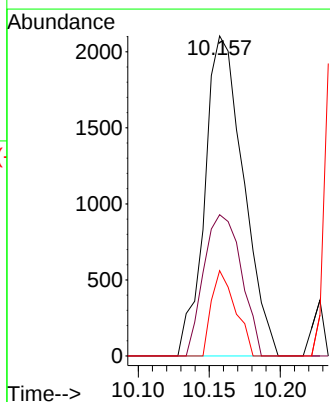
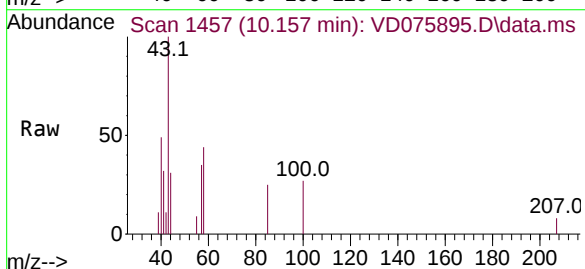
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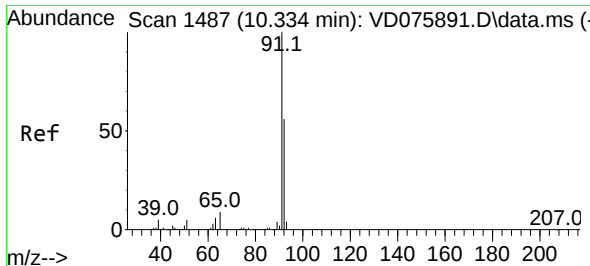
Tgt Ion: 63 Resp: 17143
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#40
4-Methyl-2-pentanone
Concen: 1.476 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Tgt Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
58 43.1 39.1 58.7
100 16.6 19.4 29.0#

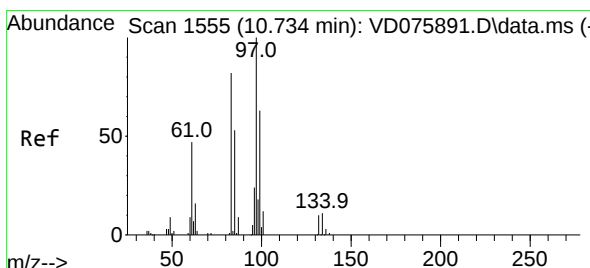
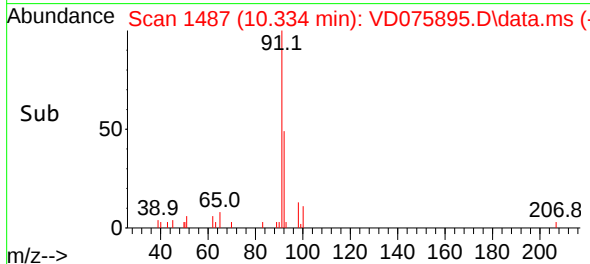
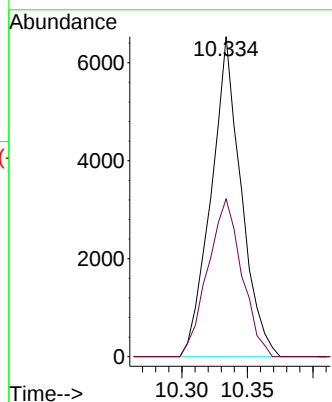
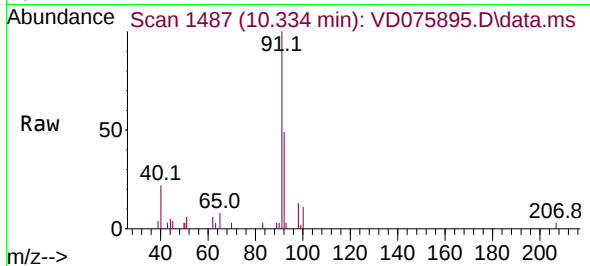




#42
Toluene
Concen: 0.299 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

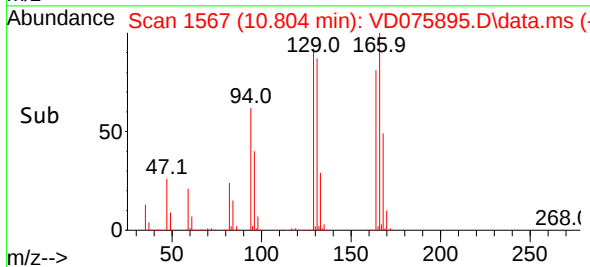
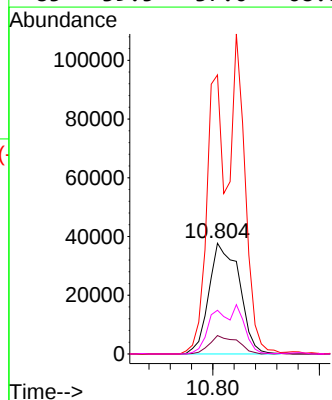
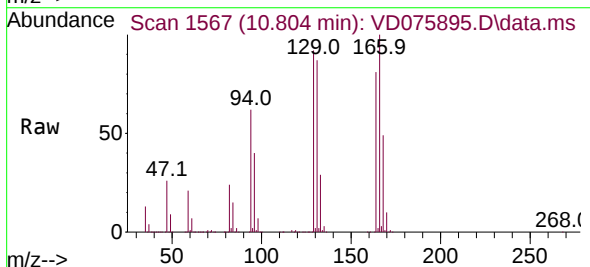
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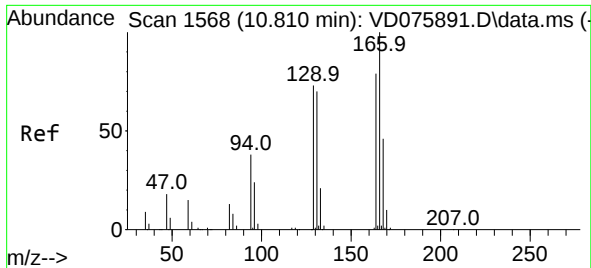
Tgt Ion: 91 Resp: 10400
Ion Ratio Lower Upper
91 100
92 49.3 39.3 72.9



#45
1,1,2-Trichloroethane
Concen: 11.911 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. 0.070 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Tgt Ion: 97 Resp: 74835
Ion Ratio Lower Upper
97 100
99 16.6 42.2 78.4#
83 252.0 54.8 101.8#
85 39.5 37.0 68.8

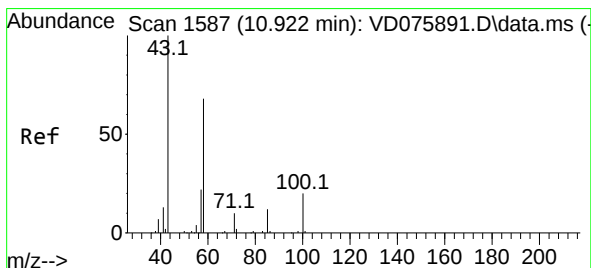
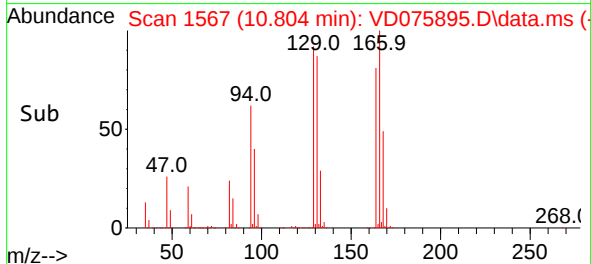
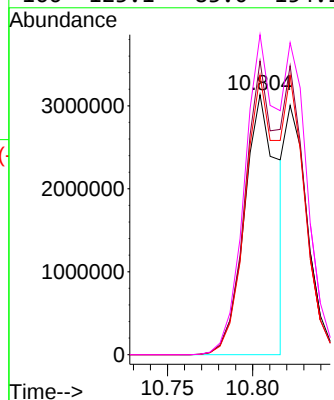
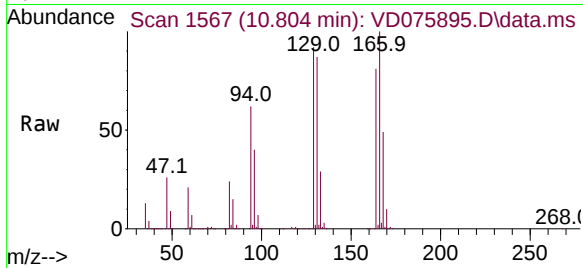




#46
Tetrachloroethene
Concen: 621.812 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

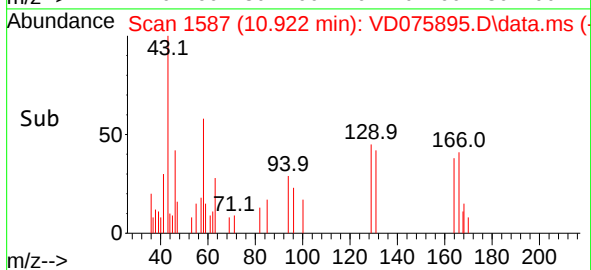
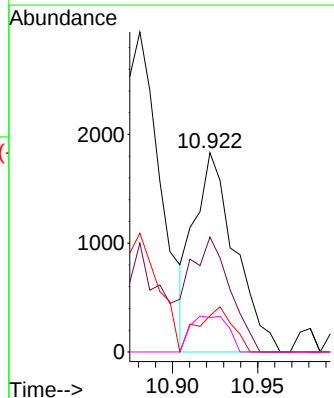
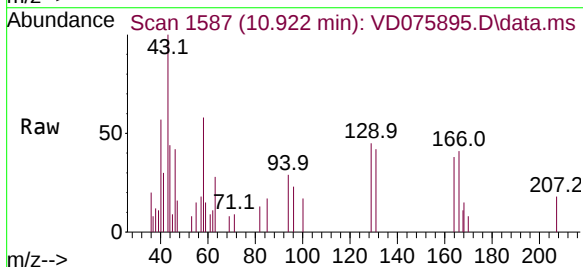
Instrument :
MSVOA_D
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DCCQ5

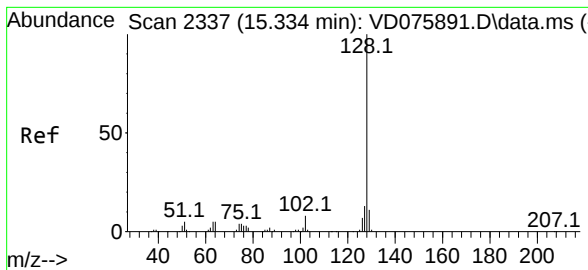
Tgt Ion:164 Resp: 4240505
Ion Ratio Lower Upper
164 100
129 113.0 60.3 112.1#
131 107.6 58.9 109.3
166 123.1 83.0 154.1



#48
2-Hexanone
Concen: 1.608 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

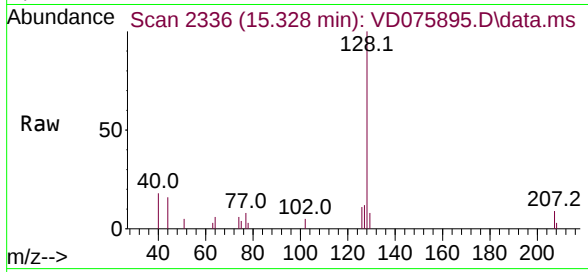
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
58 59.5 59.7 89.5#
57 19.3 17.9 26.9
100 16.5 15.8 23.6





#71
Naphthalene
Concen: 0.675 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075895.D
Acq: 28 Apr 2023 18:59

Instrument :
MSVOA_D
ClientSampleId :
DCCQ5



Tgt Ion:	128	Resp:	10541
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	4.8	9.1	13.7#

