

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076664.D
 Acq On : 30 Jun 2023 16:00
 Operator : KP/SY
 Sample : VD0630SBL02
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK136

Quant Time: Jul 03 01:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

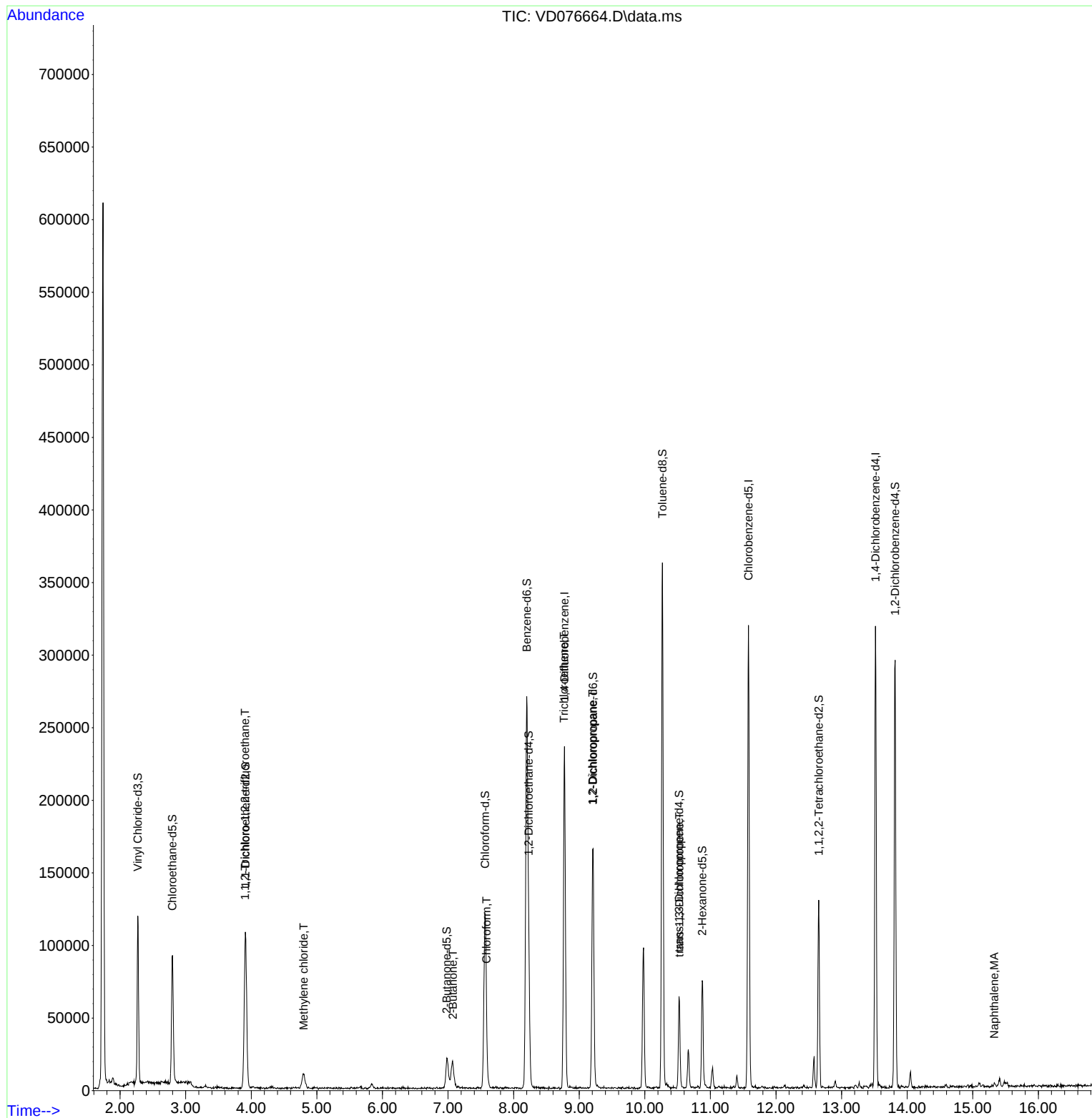
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	204814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	176012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	82390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	104197	20.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
7) Chloroethane-d5	2.799	69	88519	21.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	3.911	65	30930	23.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.040%
21) 2-Butanone-d5	6.981	46	37792	50.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.060%
24) Chloroform-d	7.563	84	126158	23.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	8.228	65	68366	25.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.720%
32) Benzene-d6	8.199	84	266462	24.748	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	9.210	67	83051	24.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.680%
41) Toluene-d8	10.269	98	241035	24.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	10.522	79	34250	23.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.840%
47) 2-Hexanone-d5	10.875	63	25254	47.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61879	25.307	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	77089	25.527	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.120%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	769	0.286	ug/L #	20
16) Methylene chloride	4.799	84	7916	2.224	ug/L	80
22) 2-Butanone	7.075	43	739	0.751	ug/L	89
25) Chloroform	7.587	83	5605	1.060	ug/L	88
34) Trichloroethene	8.769	95	4355	1.455	ug/L #	4
37) 1,2-Dichloropropane	9.204	63	8823	2.778	ug/L #	88
44) trans-1,3-Dichloropropene	10.528	75	2308	0.586	ug/L #	78
71) Naphthalene	15.328	128	2305	0.362	ug/L #	86

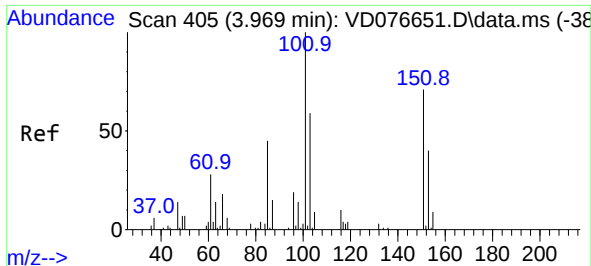
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

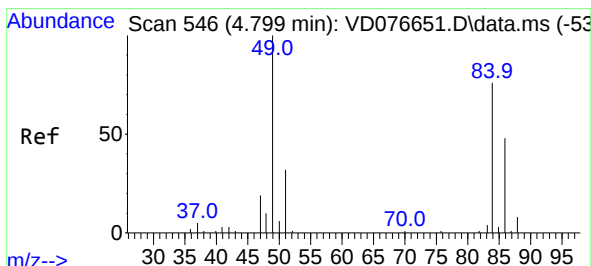
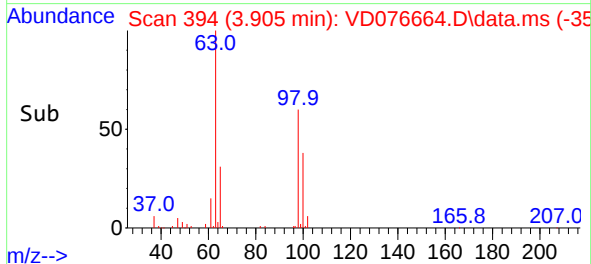
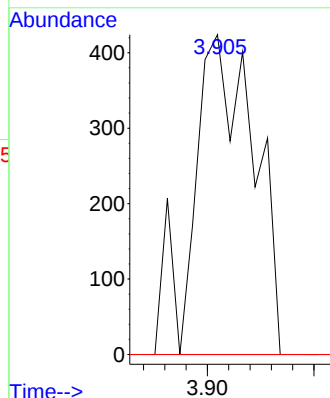
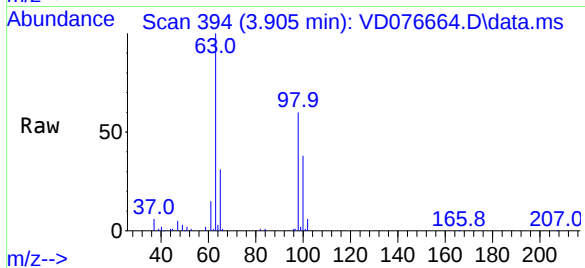




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.286 ug/L
RT: 3.905 min Scan# 394
Delta R.T. -0.053 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

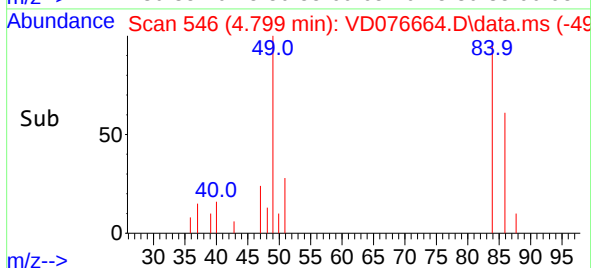
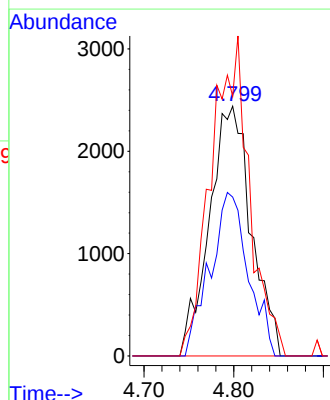
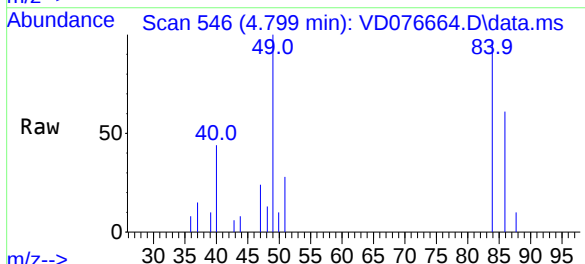
Instrument :
MSVOA_D
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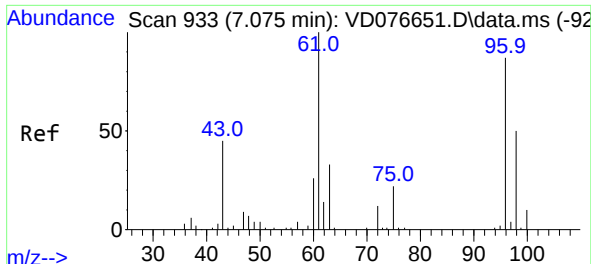
Tgt Ion:101 Resp: 769
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#16
Methylene chloride
Concen: 2.224 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

Tgt Ion: 84 Resp: 7916
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.9
49 104.0 97.2 180.6

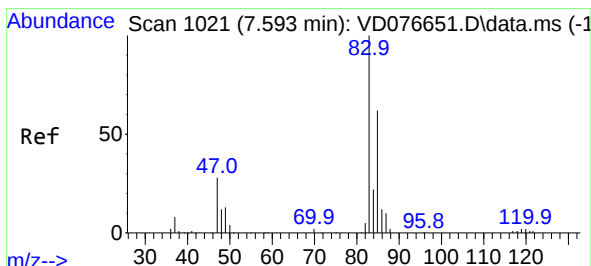
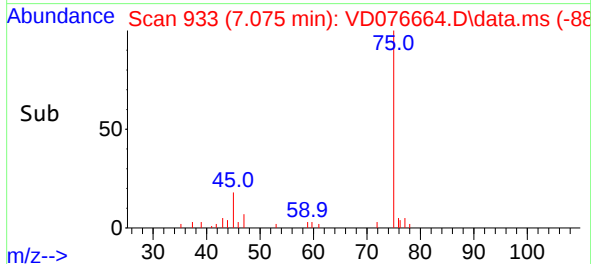
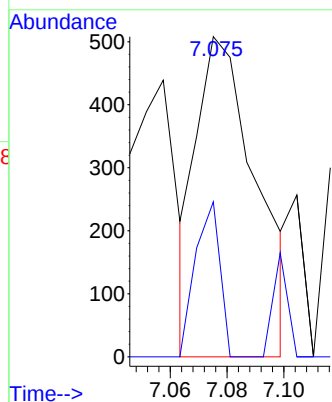
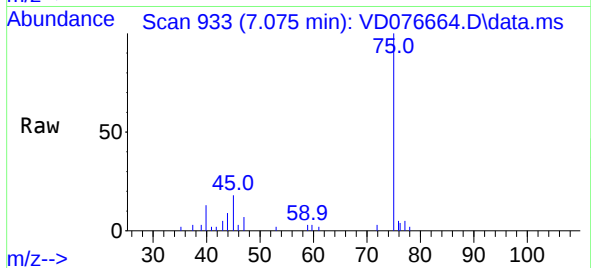




#22
2-Butanone
Concen: 0.751 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

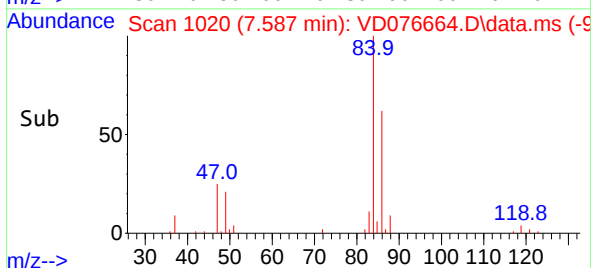
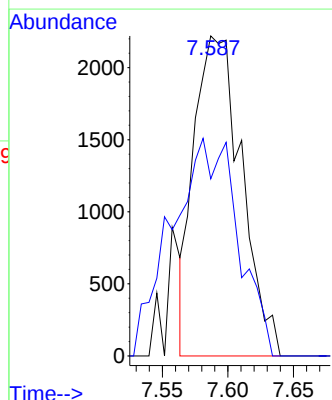
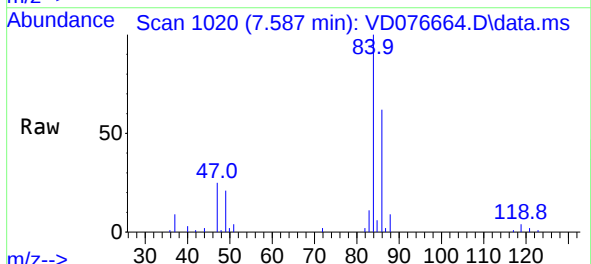
Instrument :
MSVOA_D
ClientSampleId :
VBLK136

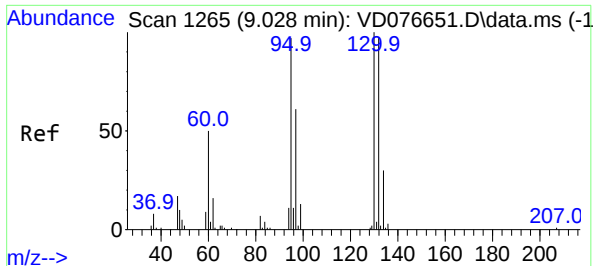
Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
72 20.0 12.9 38.7



#25
Chloroform
Concen: 1.060 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

Tgt Ion: 83 Resp: 5605
Ion Ratio Lower Upper
83 100
85 55.4 45.4 84.4



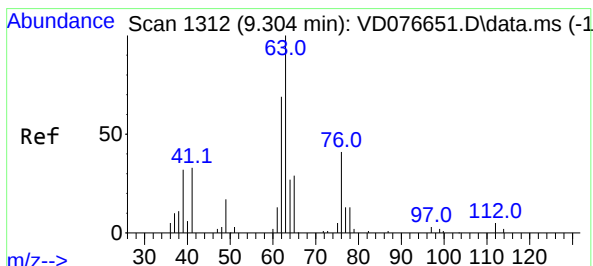
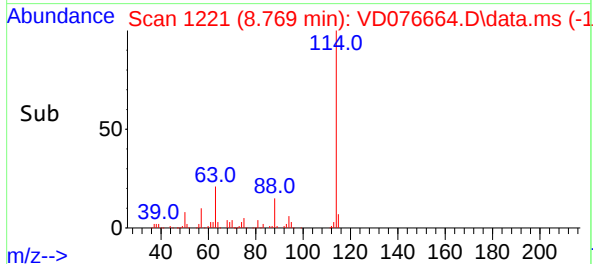
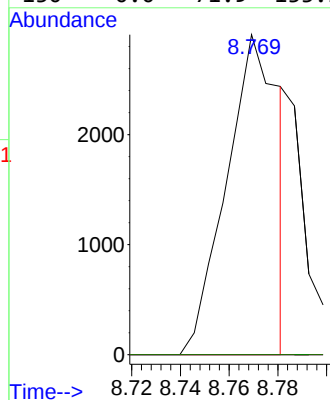
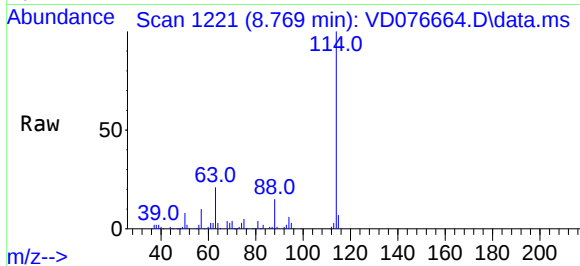


#34
Trichloroethene
Concen: 1.455 ug/L
RT: 8.769 min Scan# 11
Delta R.T. -0.259 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :
VBLK136

Tgt Ion: 95 Resp: 4355

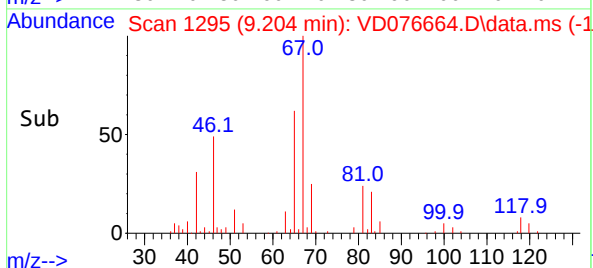
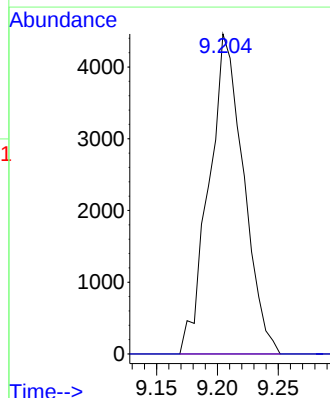
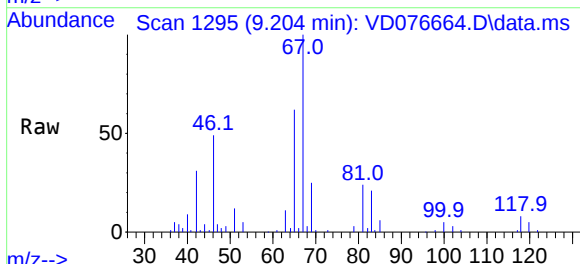
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

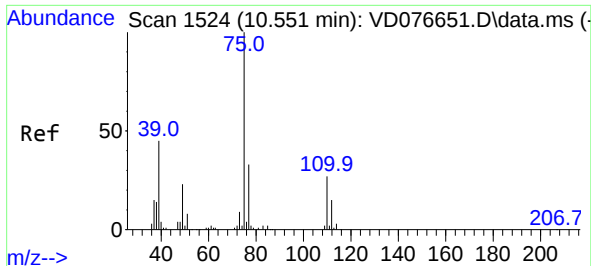


#37
1,2-Dichloropropane
Concen: 2.778 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

Tgt Ion: 63 Resp: 8823

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

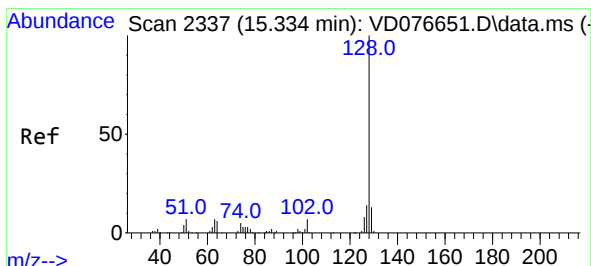
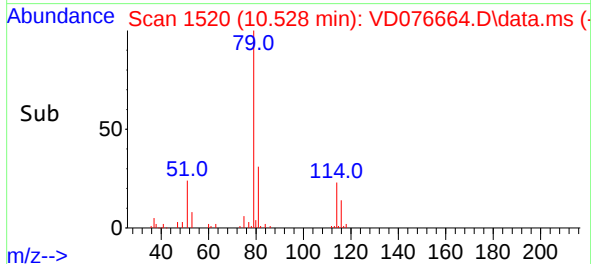
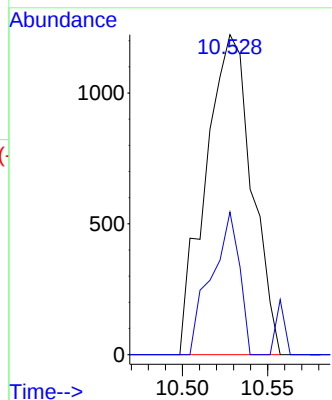
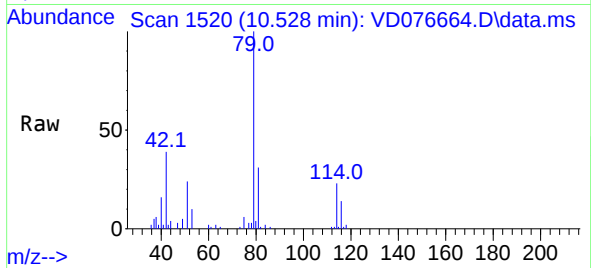




#44
trans-1,3-Dichloropropene
Concen: 0.586 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

Instrument :
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VBLK136

Tgt Ion: 75 Resp: 2308
Ion Ratio Lower Upper
75 100
77 44.6 22.5 41.7#



#71
Naphthalene
Concen: 0.362 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076664.D
Acq: 30 Jun 2023 16:00

Tgt Ion:128 Resp: 2305
Ion Ratio Lower Upper
128 100
127 4.7 10.8 16.2#
129 8.9 8.6 12.8

