

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079126.D
 Acq On : 03 Jun 2024 16:18
 Operator : RP/MD
 Sample : P2642-27
 Misc : 5.66G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:06:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

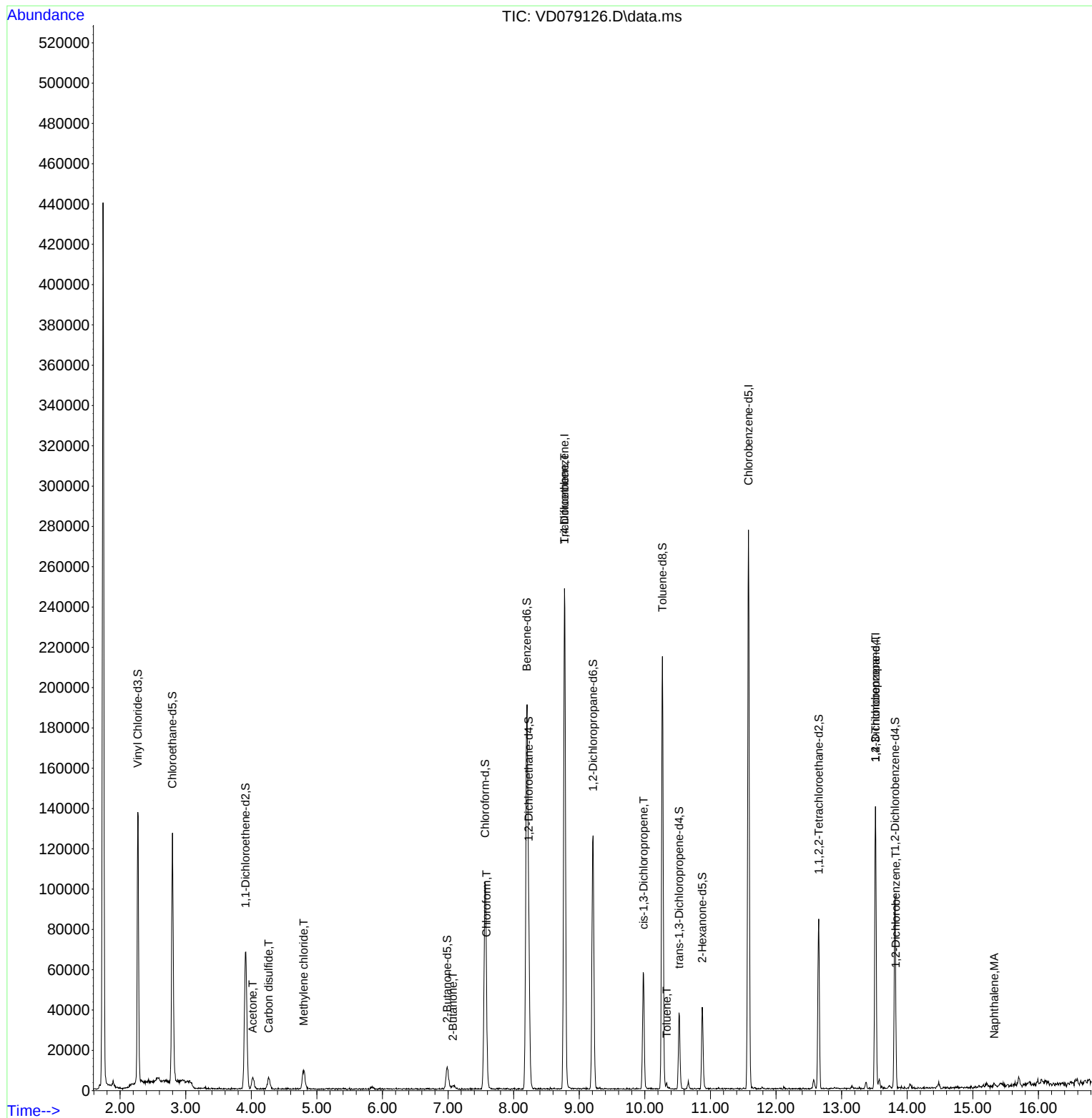
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	233701	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	171245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	39450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	129077	17.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.800%
7) Chloroethane-d5	2.799	69	126019	18.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
11) 1,1-Dichloroethene-d2	3.911	65	19197	15.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.160%
21) 2-Butanone-d5	6.987	46	19045	34.623	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.240%
24) Chloroform-d	7.563	84	115026	17.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	8.228	65	51114	16.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.840%#
32) Benzene-d6	8.199	84	216974	22.856	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	9.210	67	65082	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	10.269	98	155130	17.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.800%
43) trans-1,3-Dichloroprop...	10.522	79	22930	19.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.800%
47) 2-Hexanone-d5	10.875	63	14702	41.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	43602	18.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	27572	20.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.000%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	9474	11.897	ug/L	64
14) Carbon disulfide	4.263	76	12477	1.105	ug/L	98
16) Methylene chloride	4.799	84	8214	1.973	ug/L	95
22) 2-Butanone	7.075	43	905	1.082	ug/L #	52
25) Chloroform	7.587	83	1731	0.271	ug/L	95
34) Trichloroethene	8.775	95	6291	2.395	ug/L #	1
39) cis-1,3-Dichloropropene	9.981	75	1776	0.455	ug/L	99
42) Toluene	10.334	91	1738	0.153	ug/L	83
61) 1,2,3-Trichloropropane	13.516	75	4619	6.632	ug/L #	58
67) 1,2-Dichlorobenzene	13.828	146	498	0.215	ug/L #	44
71) Naphthalene	15.328	128	2105	0.857	ug/L #	81

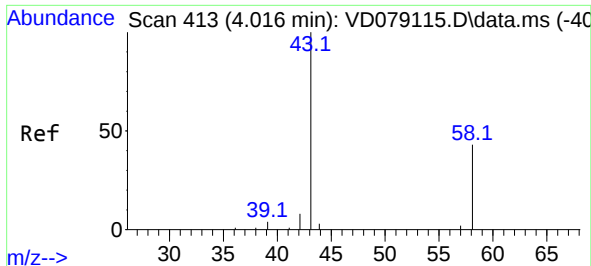
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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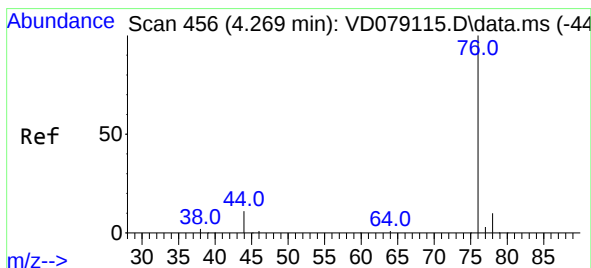
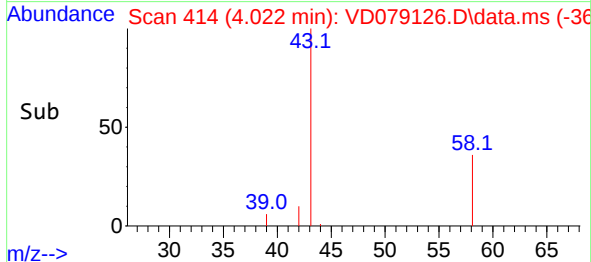
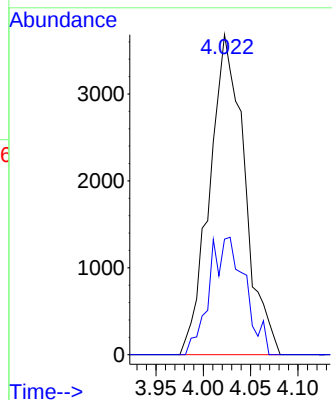
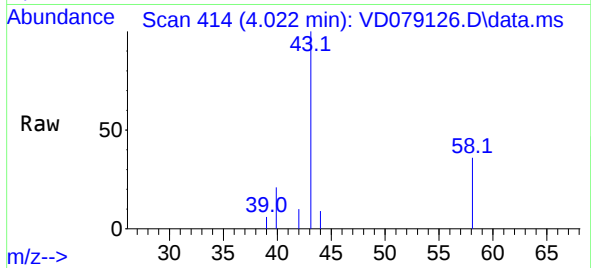




#13
Acetone
Concen: 11.897 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

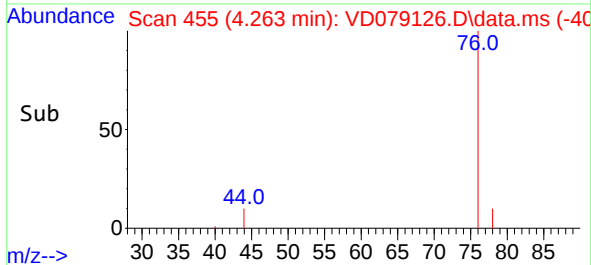
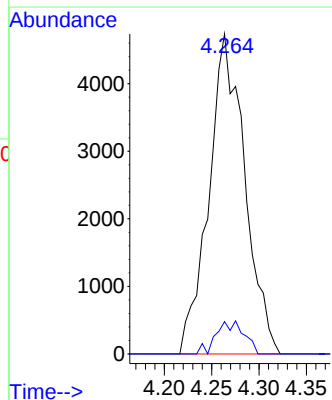
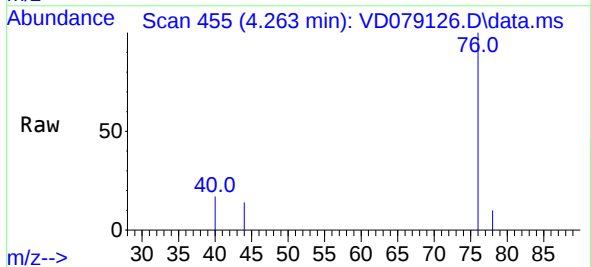
Instrument :
MSVOA_D
ClientSampleId :

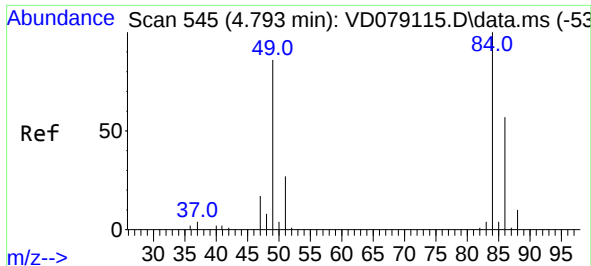
Tgt Ion: 43 Resp: 9474
Ion Ratio Lower Upper
43 100
58 17.2 0.0 78.2



#14
Carbon disulfide
Concen: 1.105 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.012 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

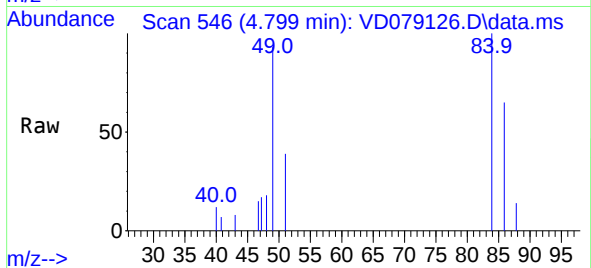
Tgt Ion: 76 Resp: 12477
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



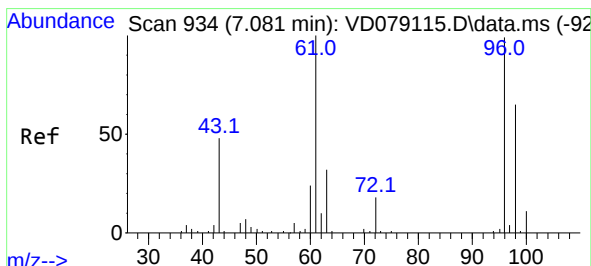
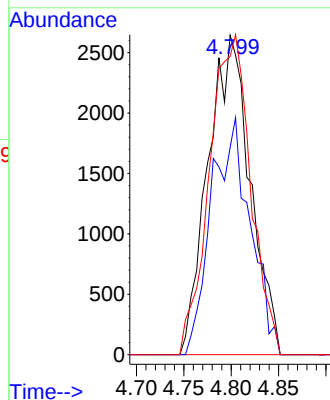
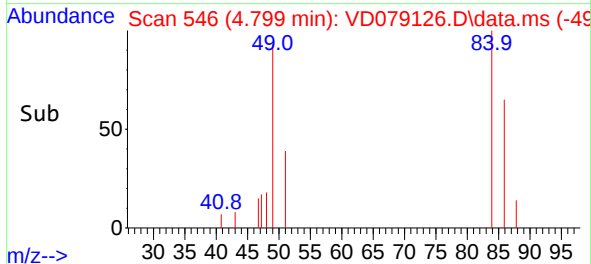


#16
Methylene chloride
Concen: 1.973 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

Instrument :
MSVOA_D
ClientSampleId :

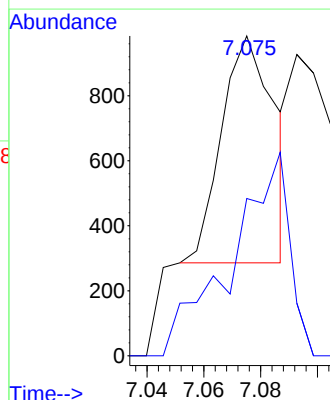
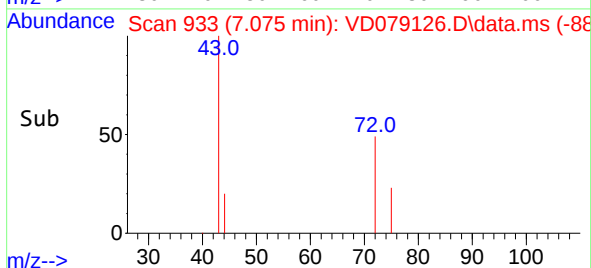
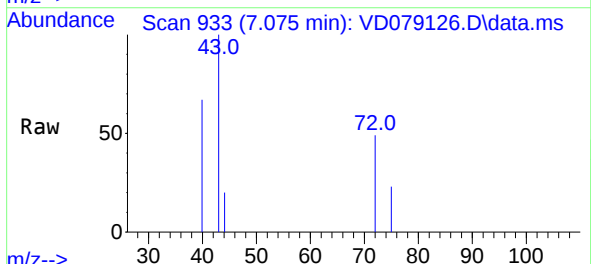


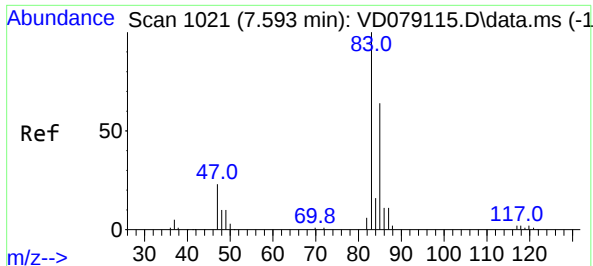
Tgt Ion: 84 Resp: 8214
Ion Ratio Lower Upper
84 100
86 64.9 40.9 76.0
49 93.4 67.5 125.3



#22
2-Butanone
Concen: 1.082 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
72 67.8 19.3 57.8#





#25

Chloroform

Concen: 0.271 ug/L

RT: 7.587 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD079126.D

Acq: 03 Jun 2024 16:18

Instrument :

MSVOA_D

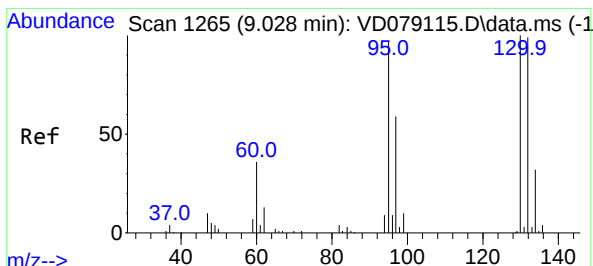
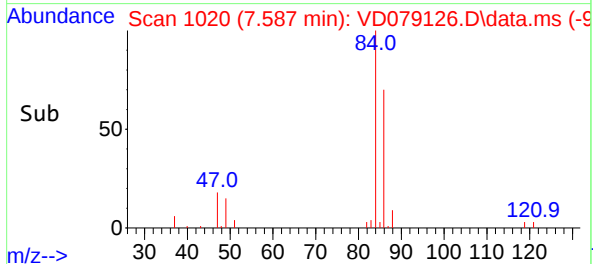
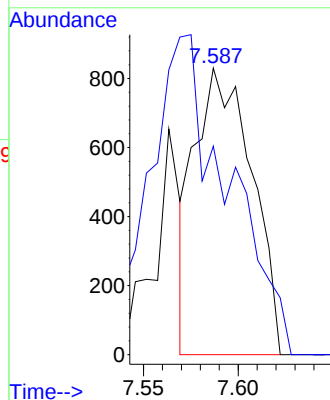
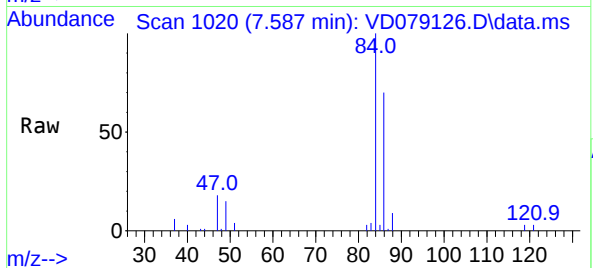
ClientSampleId :

Tgt Ion: 83 Resp: 1731

Ion Ratio Lower Upper

83 100

85 72.8 47.9 89.1



#34

Trichloroethene

Concen: 2.395 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079126.D

Acq: 03 Jun 2024 16:18

Tgt Ion: 95 Resp: 6291

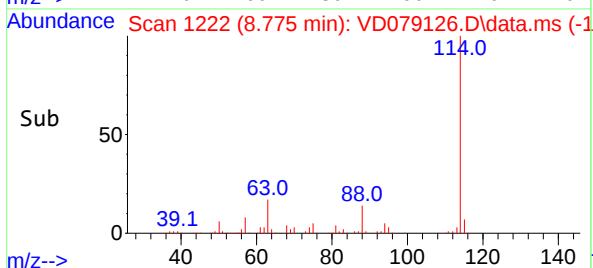
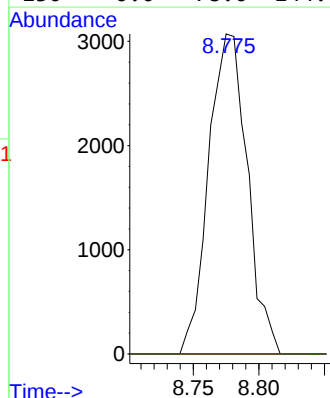
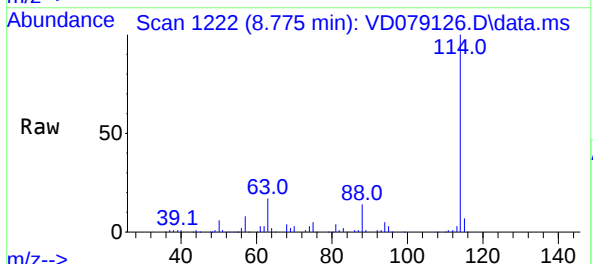
Ion Ratio Lower Upper

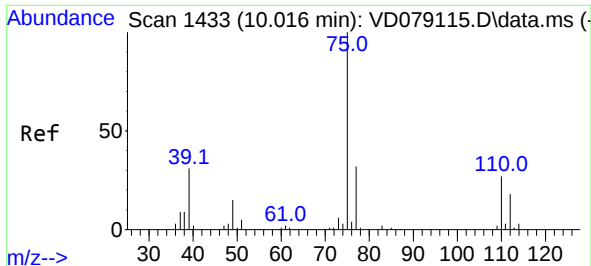
95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#





#39

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD079126.D

Acq: 03 Jun 2024 16:18

Instrument :

MSVOA_D

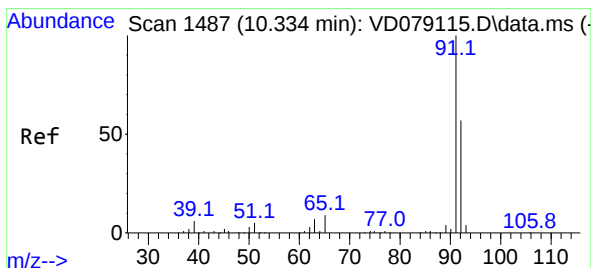
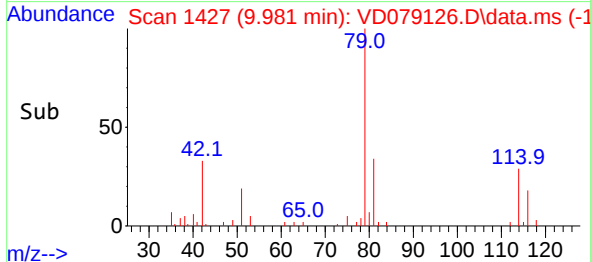
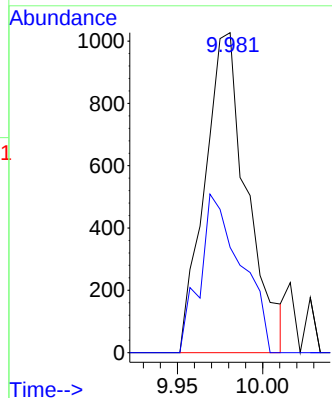
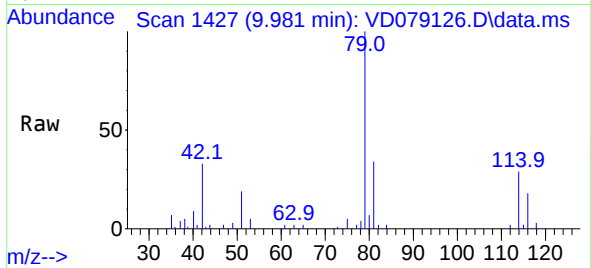
ClientSampleId :

Tgt Ion: 75 Resp: 1776

Ion Ratio Lower Upper

75 100

77 32.9 23.4 43.4



#42

Toluene

Concen: 0.153 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079126.D

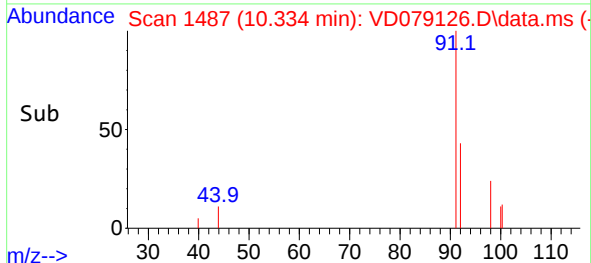
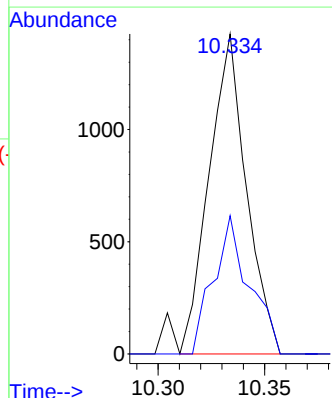
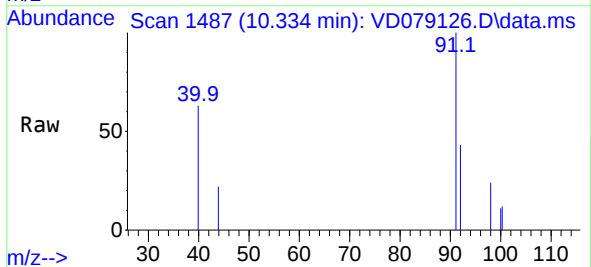
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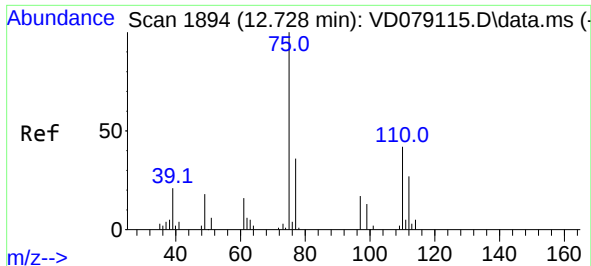
Tgt Ion: 91 Resp: 1738

Ion Ratio Lower Upper

91 100

92 43.2 38.9 72.3

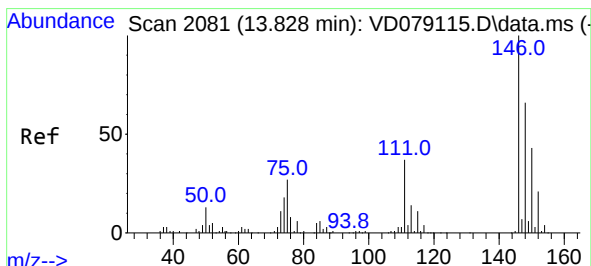
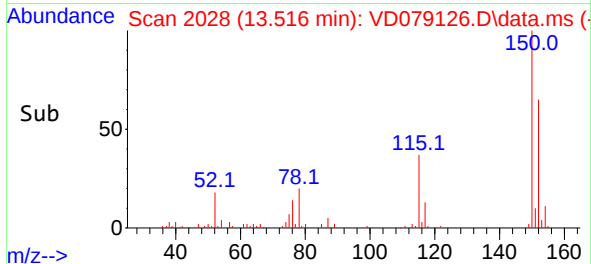
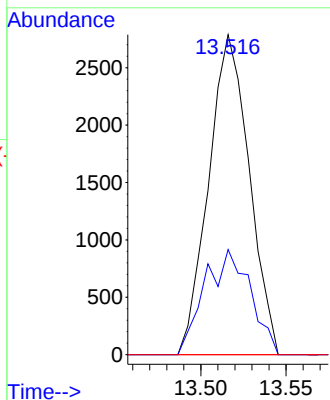
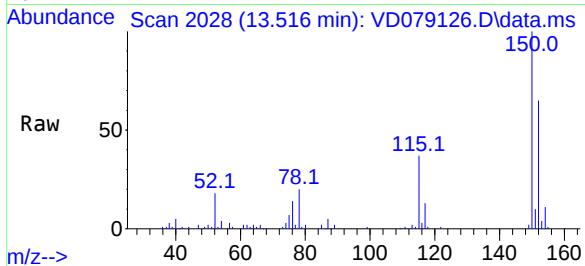




#61
1,2,3-Trichloropropane
Concen: 6.632 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

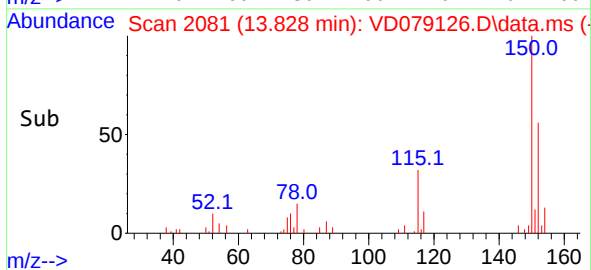
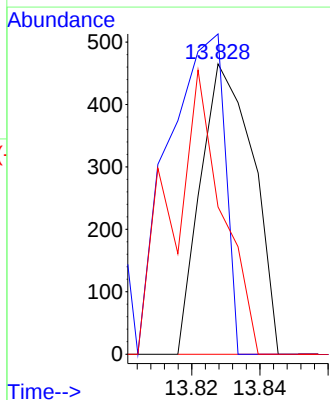
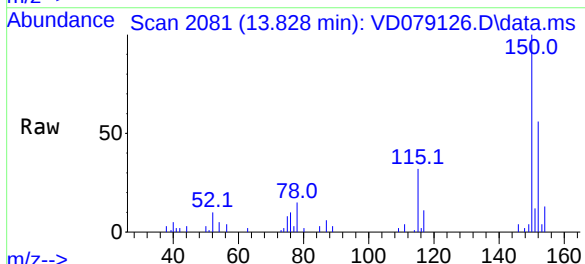
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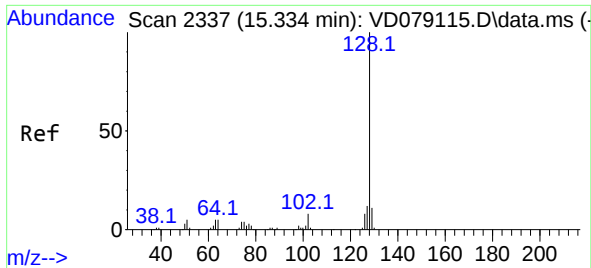
Tgt Ion: 75 Resp: 4619
Ion Ratio Lower Upper
75 100
77 37.0 25.9 38.9
110 0.0 34.2 51.4#



#67
1,2-Dichlorobenzene
Concen: 0.215 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

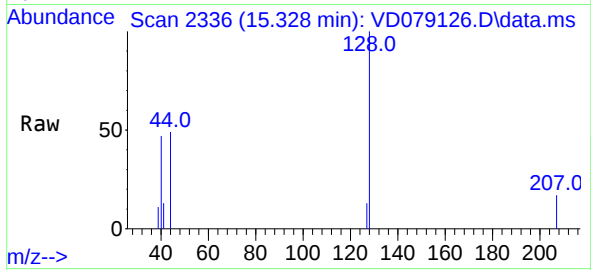
Tgt Ion:146 Resp: 498
Ion Ratio Lower Upper
146 100
111 110.3 29.1 43.7#
148 50.8 51.2 76.8#





#71
Naphthalene
Concen: 0.857 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079126.D
Acq: 03 Jun 2024 16:18

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	2105
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.8	16.2#
129	0.0	8.5	12.7#

