

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
 Data File : VD079199.D
 Acq On : 18 Jun 2024 12:52
 Operator : RP/MD
 Sample : P2897-10
 Misc : 4.22G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 07:18:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 07:16:52 2024
 Response via : Initial Calibration

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

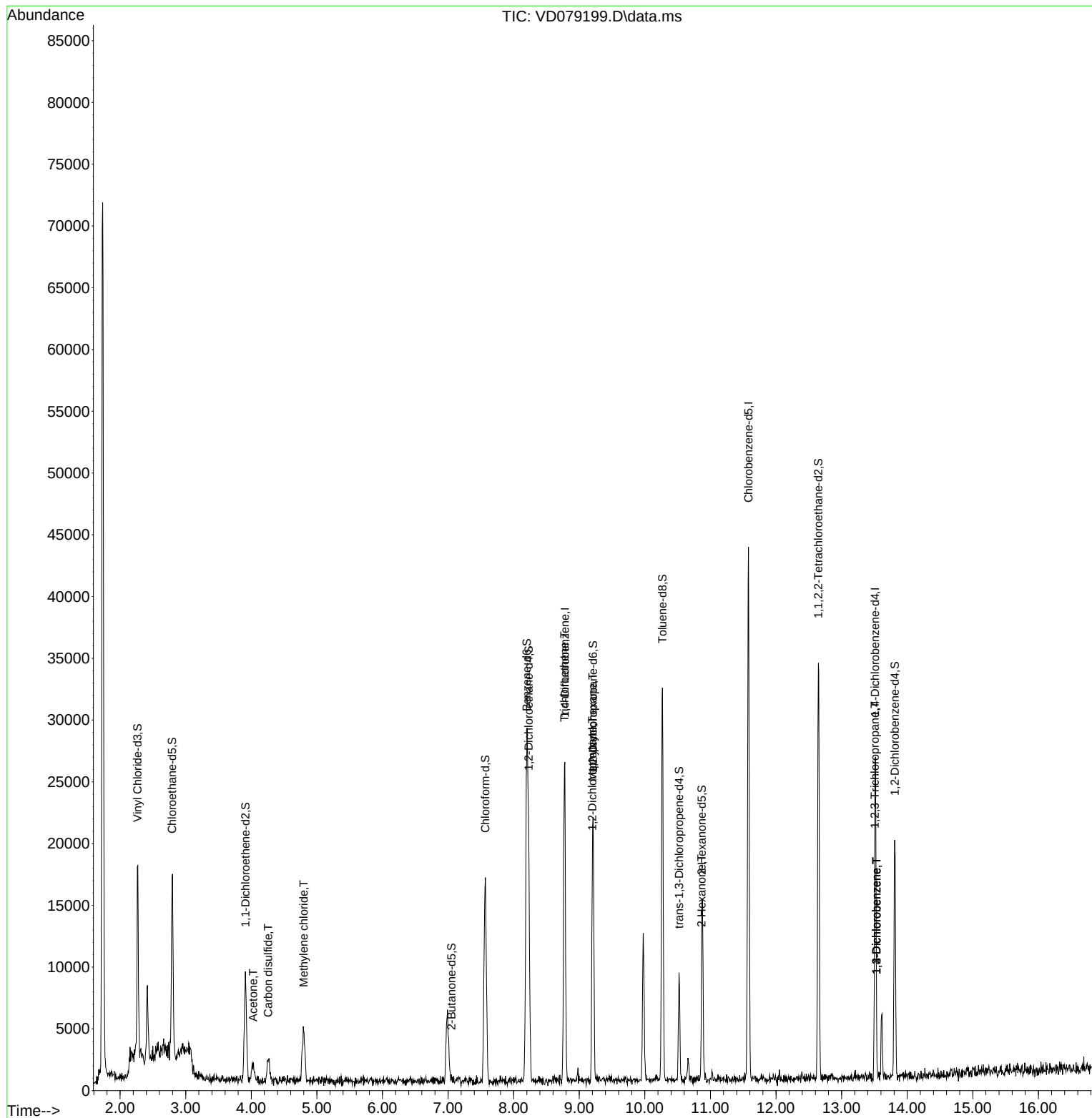
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	26246	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	28062	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	8658	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	14010	17.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.400%
7) Chloroethane-d5	2.793	69	15210	19.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	3.910	65	1471	10.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.040%#
21) 2-Butanone-d5	7.052	46	206	3.335	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.660%#
24) Chloroform-d	7.569	84	18781	25.592	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.360%
26) 1,2-Dichloroethane-d4	8.228	65	13145	38.829	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	155.320%#
32) Benzene-d6	8.199	84	30740	19.760	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.040%
36) 1,2-Dichloropropane-d6	9.210	67	11333	25.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.160%
41) Toluene-d8	10.269	98	23396	16.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.240%
43) trans-1,3-Dichloroprop...	10.522	79	5669	30.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.400%
47) 2-Hexanone-d5	10.869	63	5567	96.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.200%#
56) 1,1,2,2-Tetrachloroeth...	12.645	84	18012	45.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	181.520%#
66) 1,2-Dichlorobenzene-d4	13.810	152	6994	23.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	2305	25.773	ug/L	51
14) Carbon disulfide	4.258	76	3496	2.757	ug/L	# 74
16) Methylene chloride	4.799	84	3743	8.004	ug/L	87
34) Trichloroethene	8.775	95	646	1.501	ug/L	# 1
35) Methylcyclohexane	9.204	83	2633	3.691	ug/L	# 23
37) 1,2-Dichloropropane	9.198	63	1103	2.694	ug/L	# 85
48) 2-Hexanone	10.863	43	565	3.821	ug/L	# 34
61) 1,2,3-Trichloropropane	13.504	75	545	3.565	ug/L	# 45
64) 1,3-Dichlorobenzene	13.534	146	119	0.216	ug/L	# 26
65) 1,4-Dichlorobenzene	13.534	146	119	0.204	ug/L	# 26
67) 1,2-Dichlorobenzene	13.534	146	119	0.234	ug/L	# 26

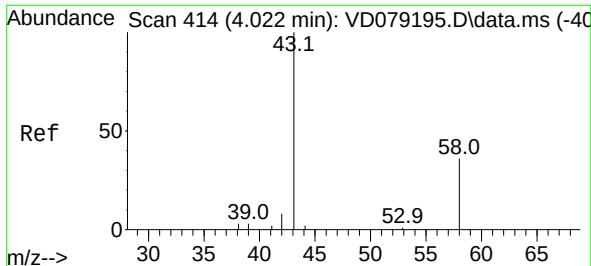
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jun 19 07:16:52 2024
Response via : Initial Calibration





#13

Acetone

Concen: 25.773 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079199.D

Acq: 18 Jun 2024 12:52

Instrument :

MSVOA_D

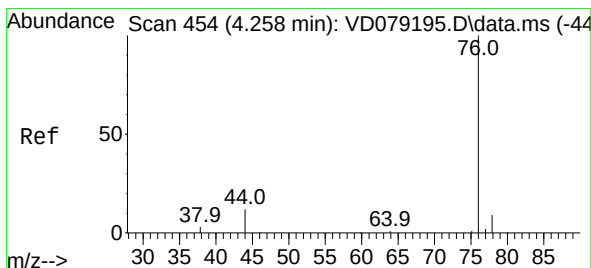
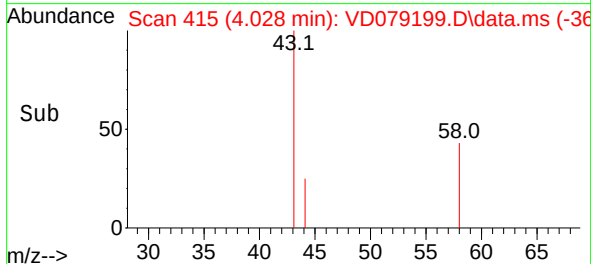
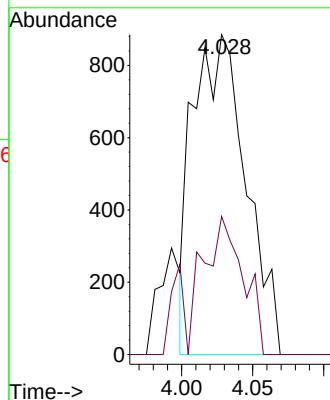
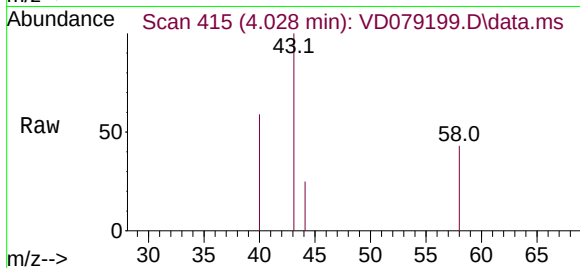
ClientSampleId :

Tgt Ion: 43 Resp: 2305

Ion Ratio Lower Upper

43 100

58 9.4 0.0 78.2



#14

Carbon disulfide

Concen: 2.757 ug/L

RT: 4.258 min Scan# 454

Delta R.T. 0.000 min

Lab File: VD079199.D

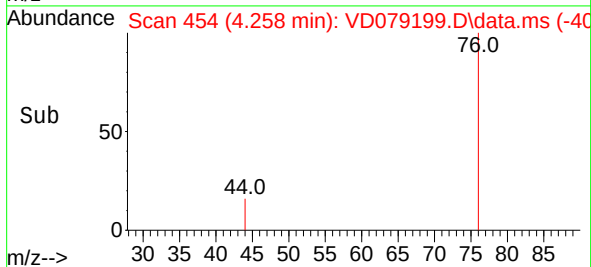
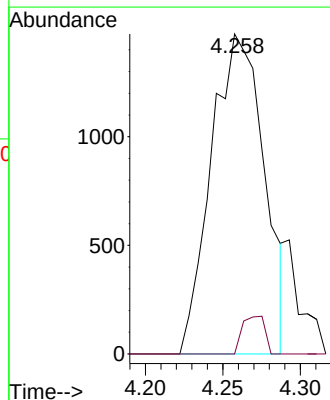
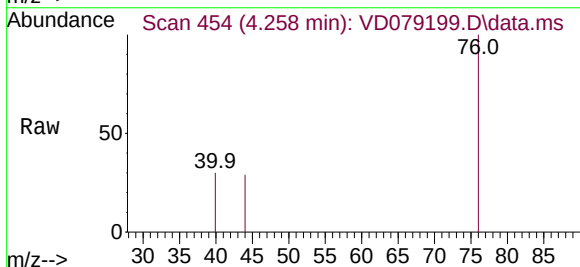
Acq: 18 Jun 2024 12:52

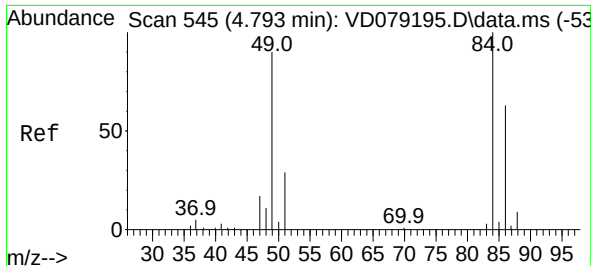
Tgt Ion: 76 Resp: 3496

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

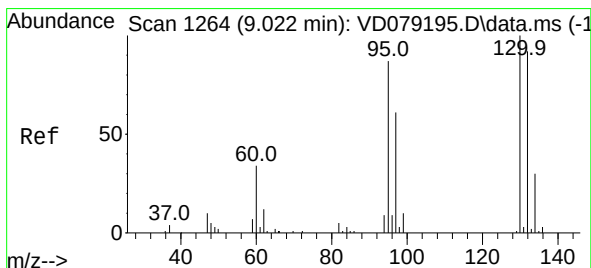
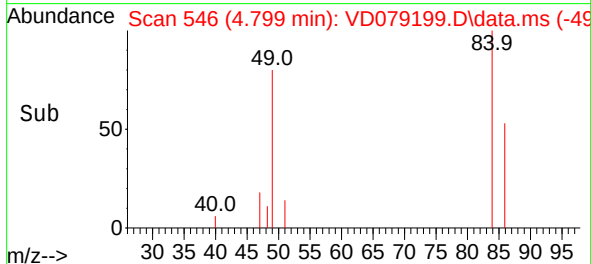
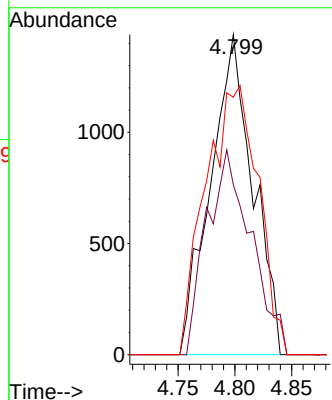
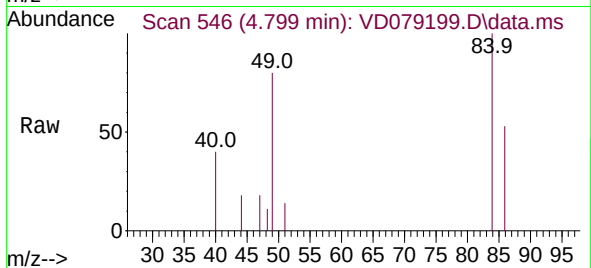




#16
Methylene chloride
Concen: 8.004 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079199.D
Acq: 18 Jun 2024 12:52

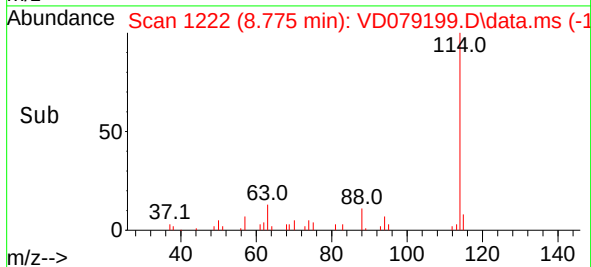
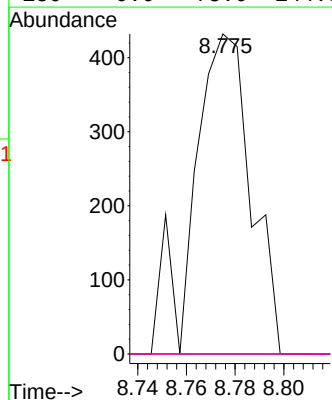
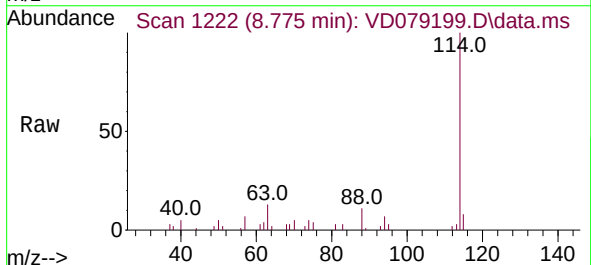
Instrument :
MSVOA_D
ClientSampleId :

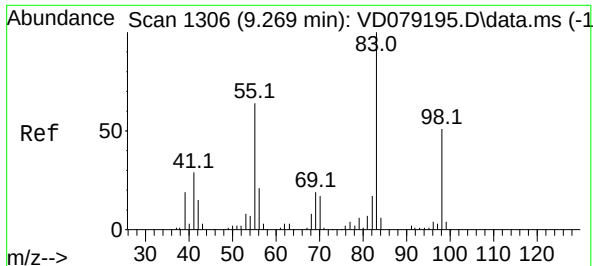
Tgt Ion: 84 Resp: 3743
Ion Ratio Lower Upper
84 100
86 53.1 40.9 76.0
49 80.5 67.5 125.3



#34
Trichloroethene
Concen: 1.501 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.247 min
Lab File: VD079199.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 95 Resp: 646
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#





#35

Methylcyclohexane

Concen: 3.691 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.065 min

Lab File: VD079199.D

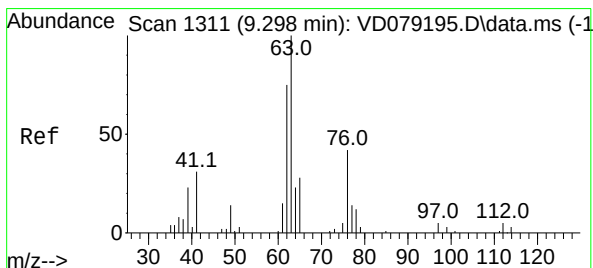
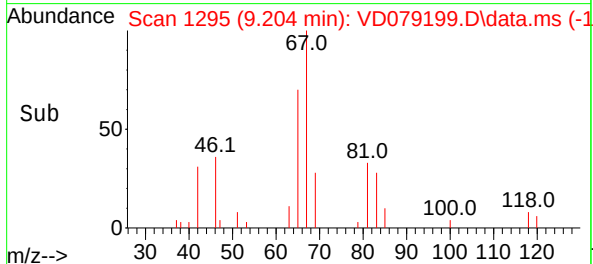
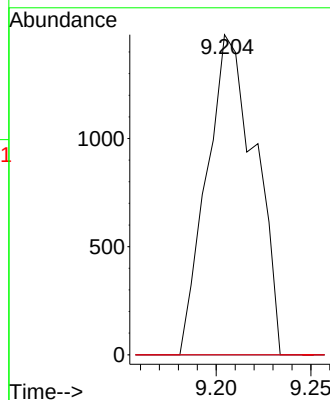
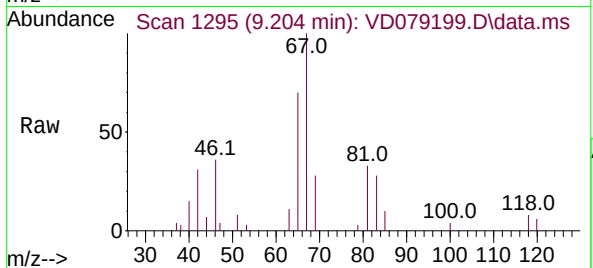
Acq: 18 Jun 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 2633
Ion Ratio	Lower Upper
83 100	
55 0.0	48.6 72.8#
98 0.0	40.2 60.2#



#37

1,2-Dichloropropane

Concen: 2.694 ug/L

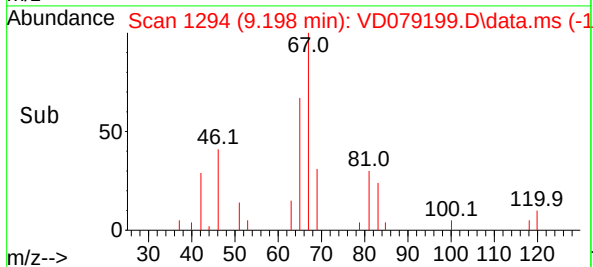
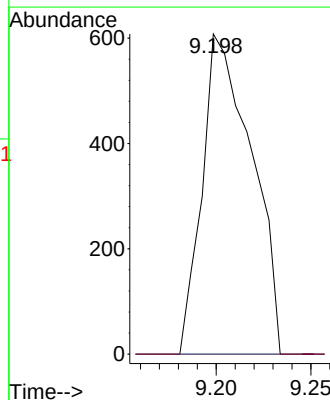
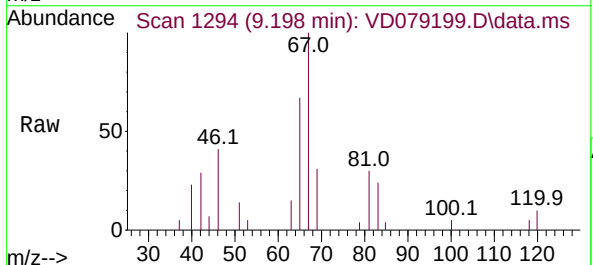
RT: 9.198 min Scan# 1294

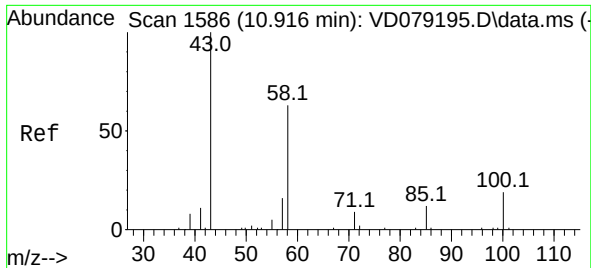
Delta R.T. -0.100 min

Lab File: VD079199.D

Acq: 18 Jun 2024 12:52

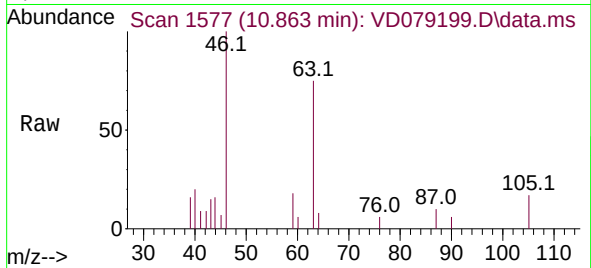
Tgt Ion: 63	Resp: 1103
Ion Ratio	Lower Upper
63 100	
112 0.0	3.9 5.9#



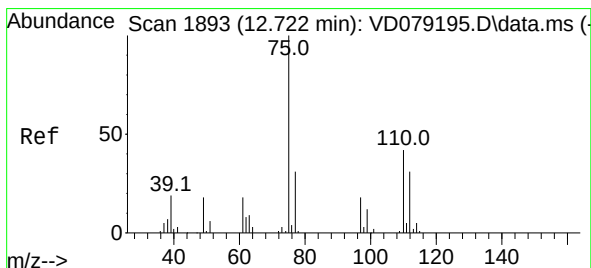
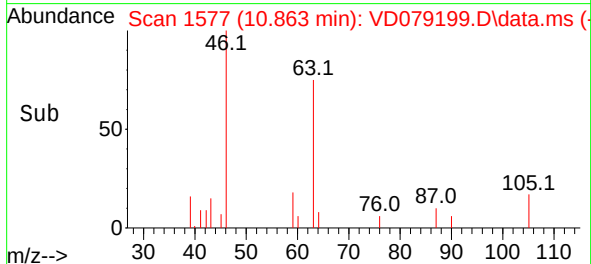
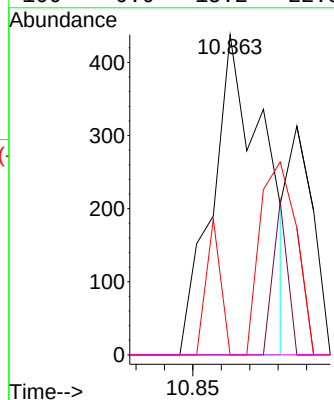


#48
2-Hexanone
Concen: 3.821 ug/L
RT: 10.863 min Scan# 1
Delta R.T. -0.053 min
Lab File: VD079199.D
Acq: 18 Jun 2024 12:52

Instrument :
MSVOA_D
ClientSampleId :

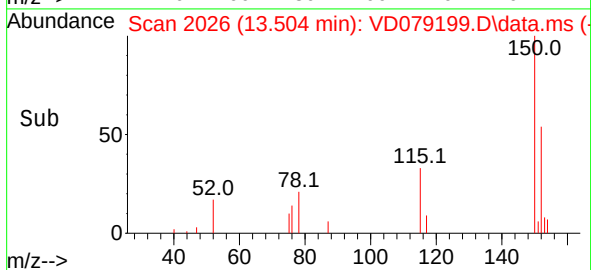
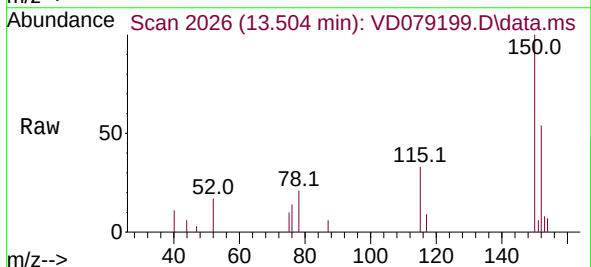
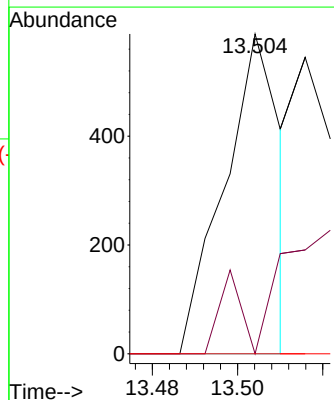


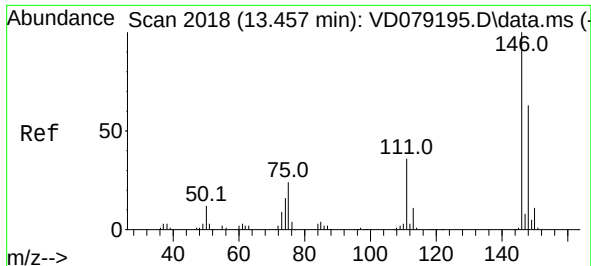
Tgt Ion: 43	Resp: 565
Ion Ratio	Lower Upper
43 100	
58 0.0	50.1 75.1#
57 41.4	16.5 24.7#
100 0.0	15.2 22.8#



#61
1,2,3-Trichloropropane
Concen: 3.565 ug/L
RT: 13.504 min Scan# 2026
Delta R.T. 0.782 min
Lab File: VD079199.D
Acq: 18 Jun 2024 12:52

Tgt Ion: 75	Resp: 545
Ion Ratio	Lower Upper
75 100	
77 9.9	25.9 38.9#
110 0.0	34.2 51.4#





#64

1,3-Dichlorobenzene

Concen: 0.216 ug/L

RT: 13.534 min Scan# 2018

Delta R.T. 0.077 min

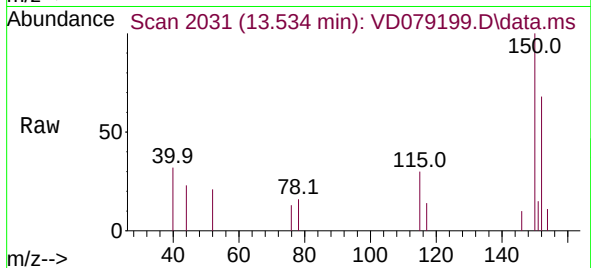
Lab File: VD079199.D

Acq: 18 Jun 2024 12:52

Instrument :

MSVOA_D

ClientSampleId :



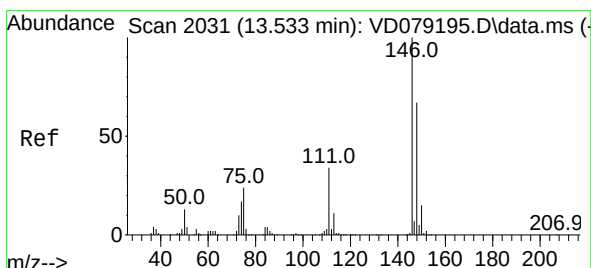
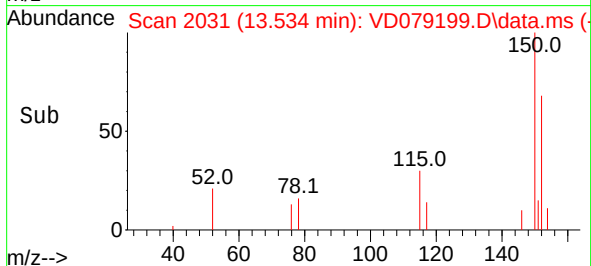
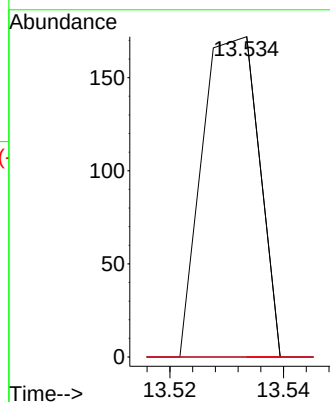
Tgt Ion:146 Resp: 119

Ion Ratio Lower Upper

146 100

111 0.0 24.4 45.4#

148 0.0 44.9 83.3#



#65

1,4-Dichlorobenzene

Concen: 0.204 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079199.D

Acq: 18 Jun 2024 12:52

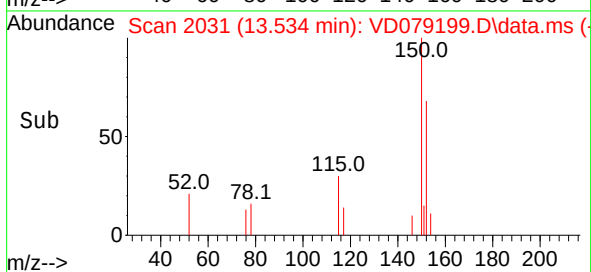
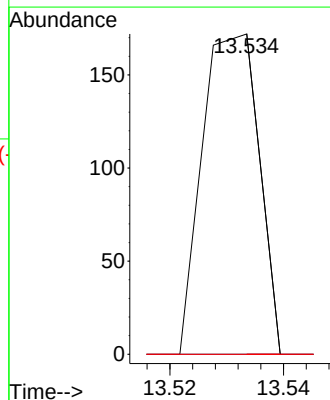
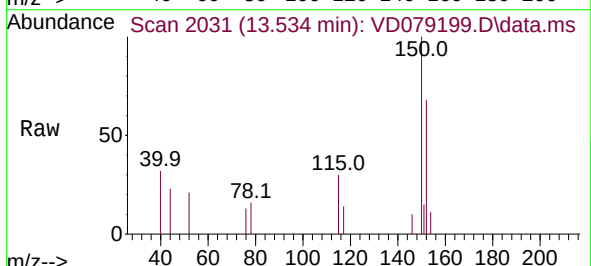
Tgt Ion:146 Resp: 119

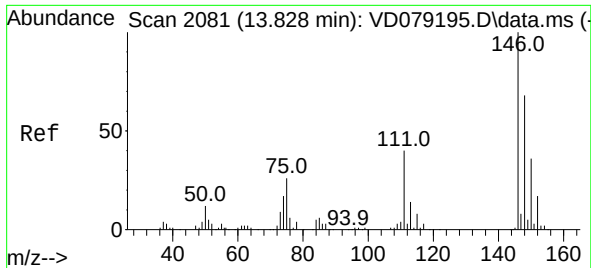
Ion Ratio Lower Upper

146 100

111 0.0 26.3 48.9#

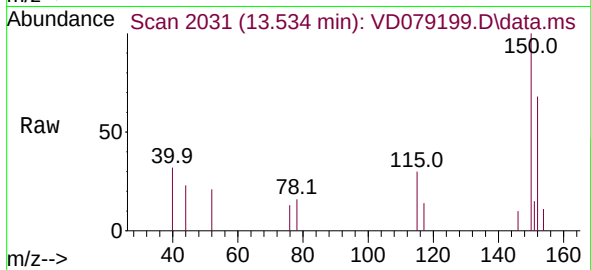
148 0.0 43.1 80.1#





#67
 1,2-Dichlorobenzene
 Concen: 0.234 ug/L
 RT: 13.534 min Scan# 20
 Delta R.T. -0.294 min
 Lab File: VD079199.D
 Acq: 18 Jun 2024 12:52

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:146 Resp: 119
 Ion Ratio Lower Upper
 146 100
 111 0.0 29.1 43.7#
 148 0.0 51.2 76.8#

