

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079924.D
 Acq On : 27 Sep 2024 16:02
 Operator : RP/MD
 Sample : P4162-21
 Misc : 5.07G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 23:40:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

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

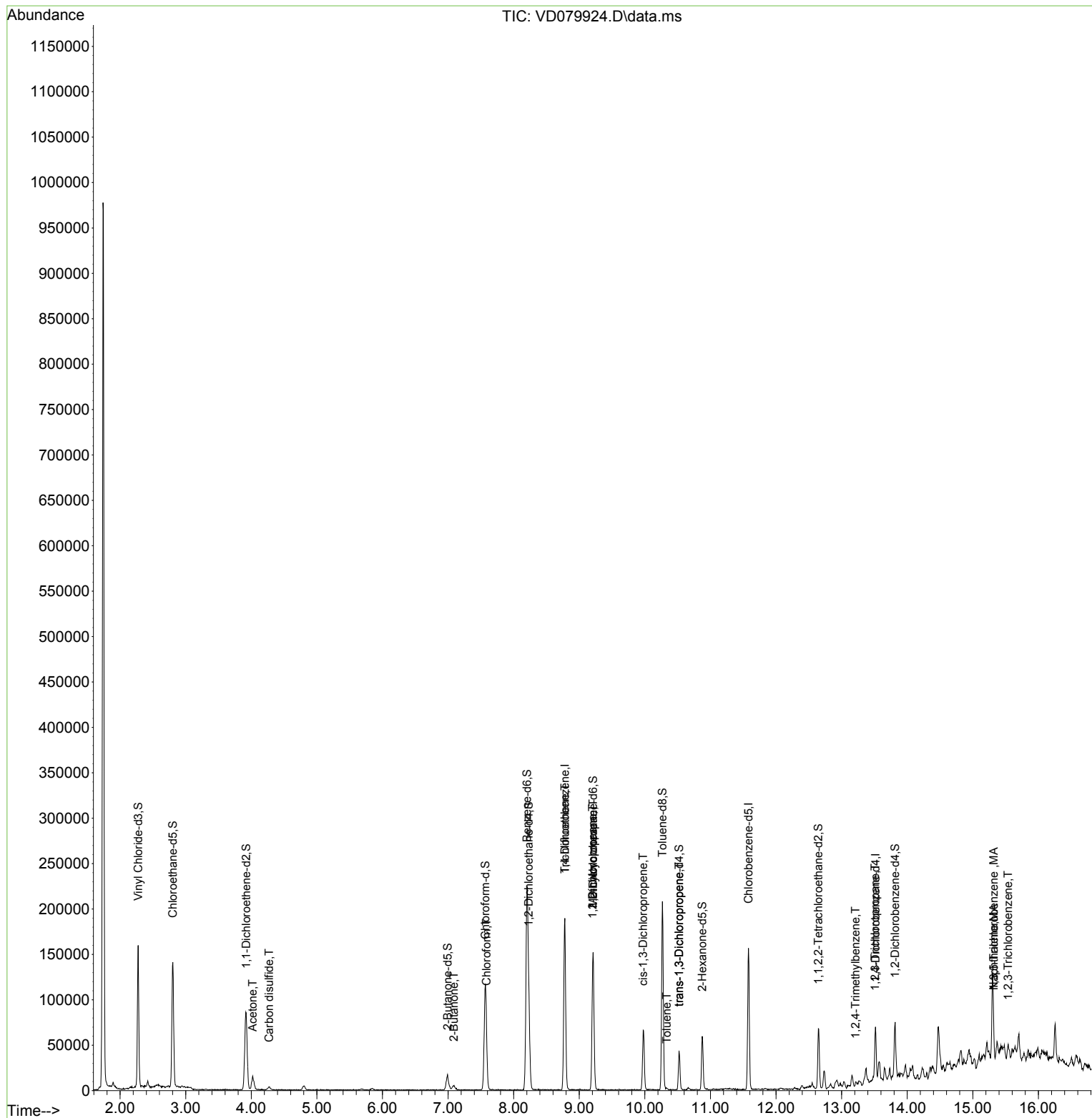
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	158735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	84178	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	14262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	142670	20.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
7) Chloroethane-d5	2.805	69	150078	27.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.840%
11) 1,1-Dichloroethene-d2	3.922	65	23987	19.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.560%
21) 2-Butanone-d5	6.993	46	26861	41.885	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.760%
24) Chloroform-d	7.569	84	121417	23.269	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.228	65	66289	24.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.204	84	227481	38.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.120%#
36) 1,2-Dichloropropane-d6	9.210	67	74245	40.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.160%#
41) Toluene-d8	10.269	98	139346	26.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	10.522	79	24237	30.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	123.880%
47) 2-Hexanone-d5	10.875	63	21072	71.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.040%#
56) 1,1,2,2-Tetrachloroeth...	12.645	84	34031	25.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	13069	24.299	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	22859	29.237	ug/L	94
14) Carbon disulfide	4.269	76	3682	0.470	ug/L	97
22) 2-Butanone	7.087	43	8753	9.544	ug/L #	57
25) Chloroform	7.587	83	2146	0.404	ug/L	90
34) Trichloroethene	8.781	95	5420	3.742	ug/L #	8
35) Methylcyclohexane	9.210	83	17080	7.308	ug/L #	20
37) 1,2-Dichloropropane	9.204	63	8460	4.949	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	1822	0.759	ug/L #	44
42) Toluene	10.334	91	901	0.136	ug/L #	58
44) trans-1,3-Dichloropropene	10.522	75	1103	0.521	ug/L #	56
61) 1,2,3-Trichloropropane	13.510	75	2544	7.257	ug/L #	79
63) 1,2,4-Trimethylbenzene	13.210	105	240	0.127	ug/L #	31
69) 1,3,5-Trichlorobenzene	15.322	180	113	0.183	ug/L #	1
71) Naphthalene	15.322	128	611	0.527	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.539	180	452	0.973	ug/L #	1

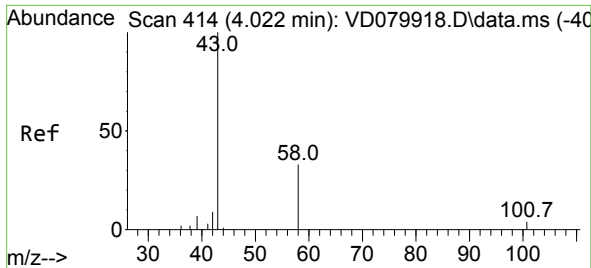
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 27 23:37:15 2024
Response via : Initial Calibration





#13

Acetone

Concen: 29.237 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079924.D

Acq: 27 Sep 2024 16:02

Instrument :

MSVOA_D

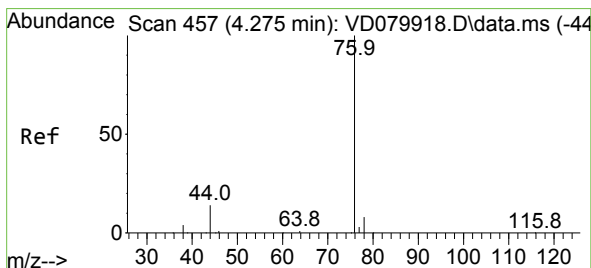
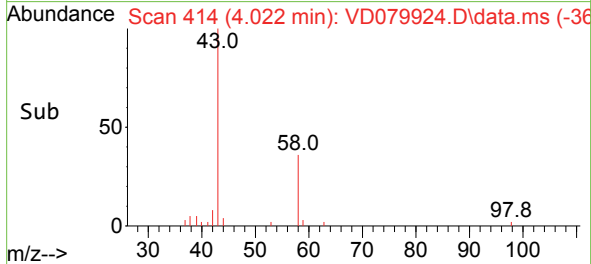
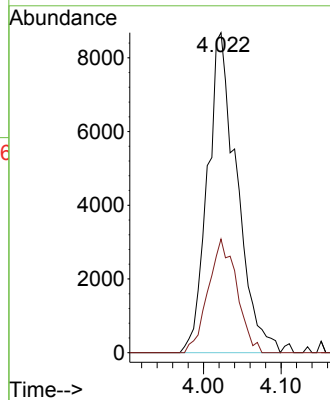
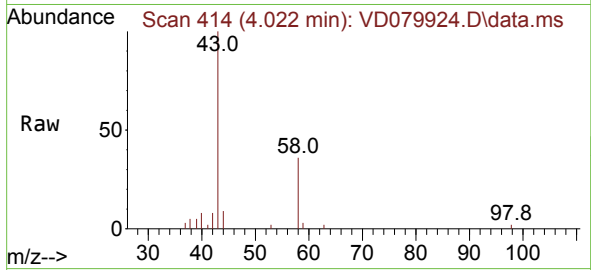
ClientSampleId :

Tgt Ion: 43 Resp: 22859

Ion Ratio Lower Upper

43 100

58 34.6 0.0 75.8



#14

Carbon disulfide

Concen: 0.470 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079924.D

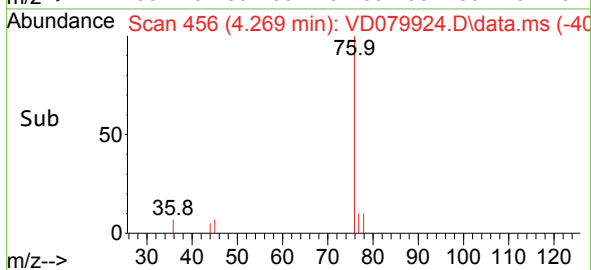
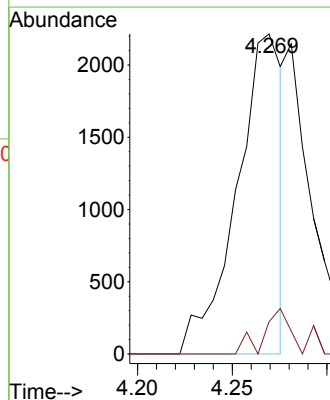
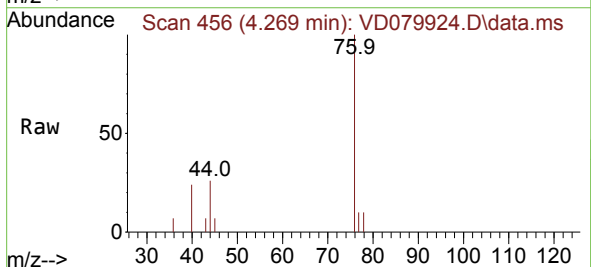
Acq: 27 Sep 2024 16:02

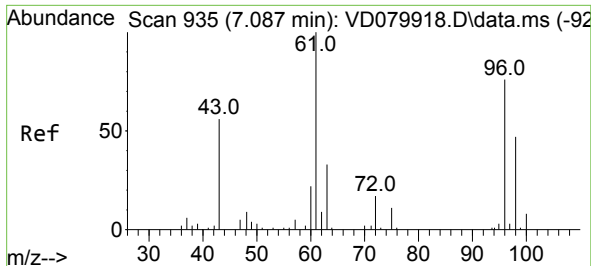
Tgt Ion: 76 Resp: 3682

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9

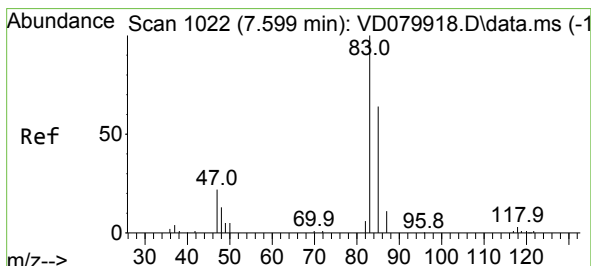
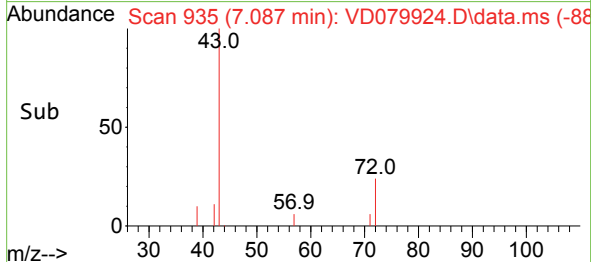
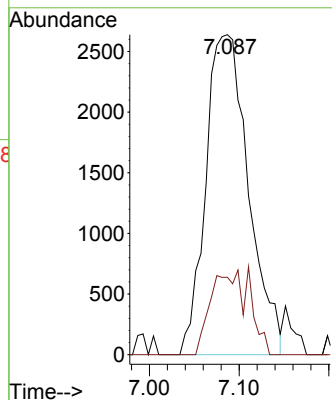
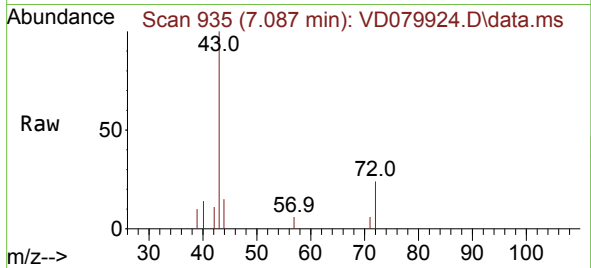




#22
2-Butanone
Concen: 9.544 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079924.D
Acq: 27 Sep 2024 16:02

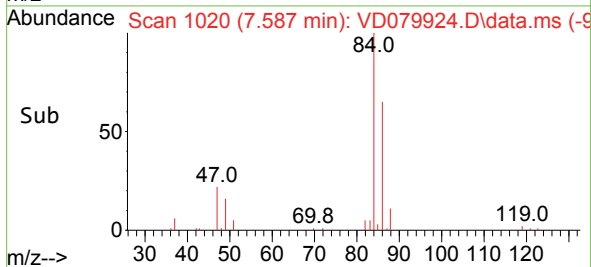
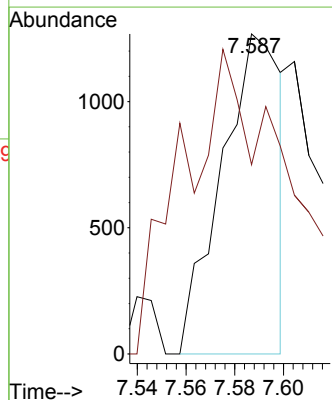
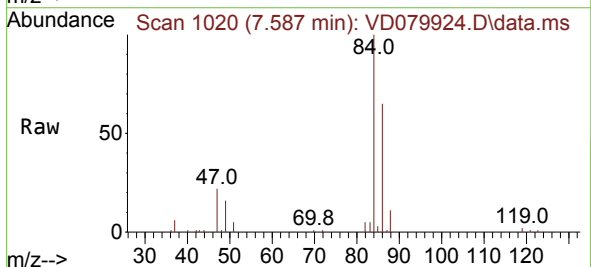
Instrument :
MSVOA_D
ClientSampleId :

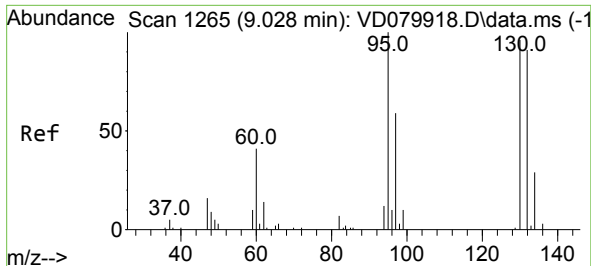
Tgt Ion: 43 Resp: 8753
Ion Ratio Lower Upper
43 100
72 4.1 13.1 39.3#



#25
Chloroform
Concen: 0.404 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD079924.D
Acq: 27 Sep 2024 16:02

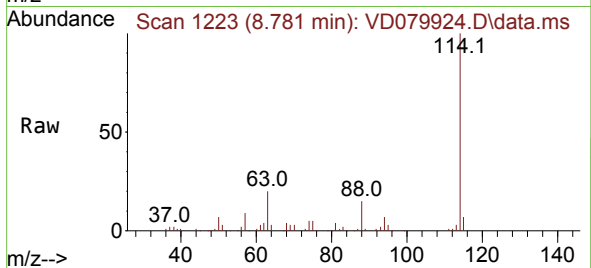
Tgt Ion: 83 Resp: 2146
Ion Ratio Lower Upper
83 100
85 59.1 47.3 87.9



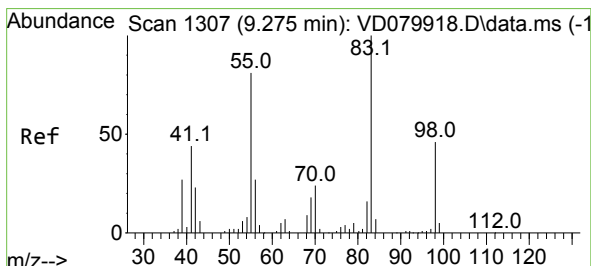
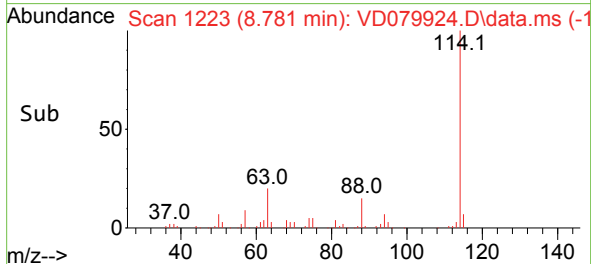
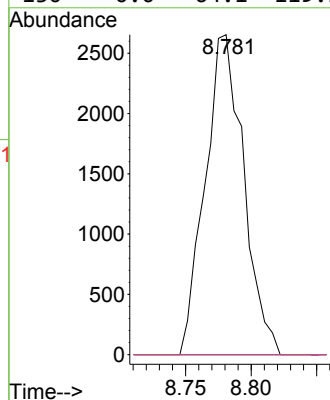


#34
Trichloroethene
Concen: 3.742 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.247 min
Lab File: VD079924.D
Acq: 27 Sep 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :

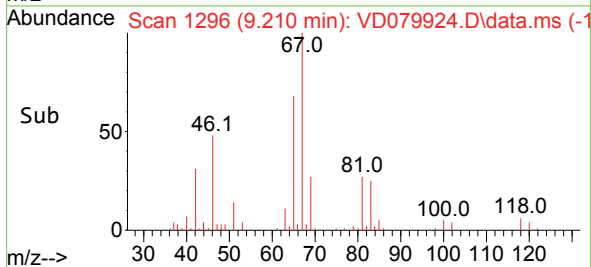
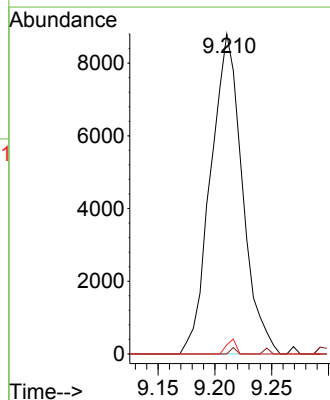
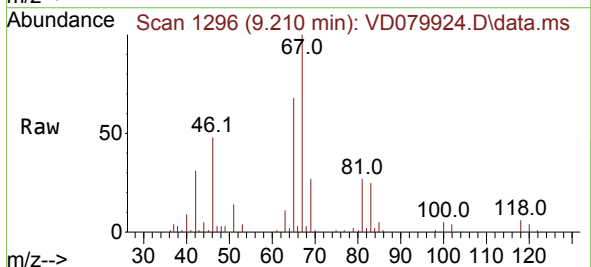


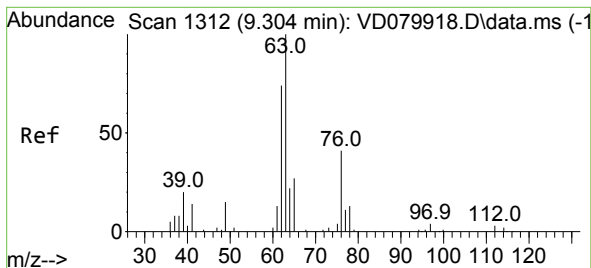
Tgt Ion:	95	Resp:	5420
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.5	80.7#
132	0.0	64.5	119.7#
130	0.0	64.1	119.1#



#35
Methylcyclohexane
Concen: 7.308 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD079924.D
Acq: 27 Sep 2024 16:02

Tgt Ion:	83	Resp:	17080
Ion	Ratio	Lower	Upper
83	100		
55	0.7	58.9	88.3#
98	1.4	38.6	58.0#





#37

1,2-Dichloropropane

Concen: 4.949 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD079924.D

Acq: 27 Sep 2024 16:02

Instrument :

MSVOA_D

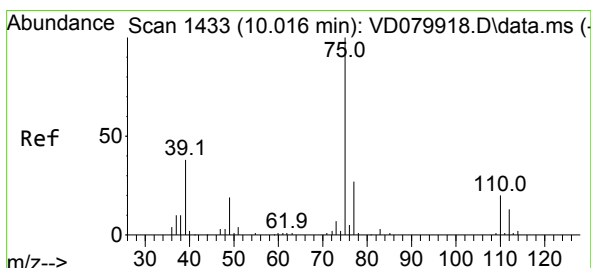
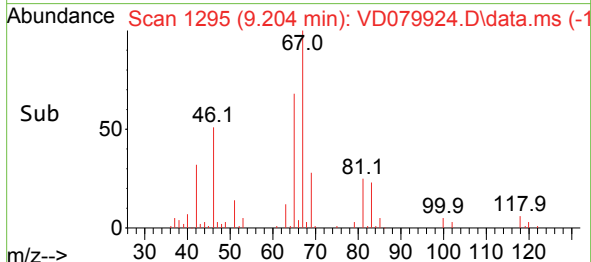
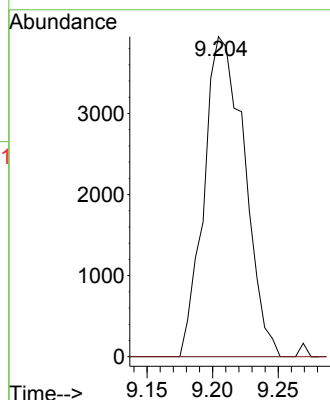
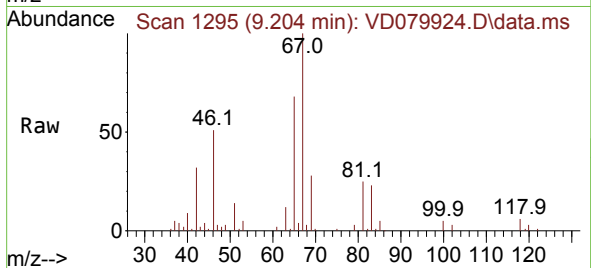
ClientSampleId :

Tgt Ion: 63 Resp: 8460

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 0.759 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD079924.D

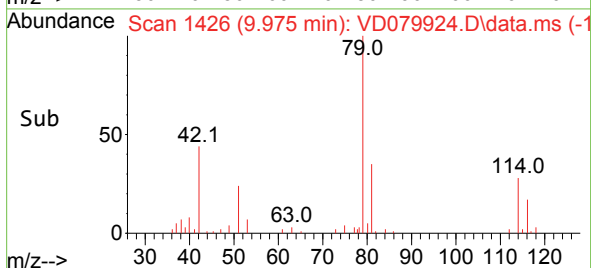
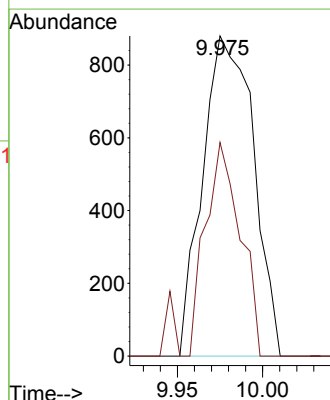
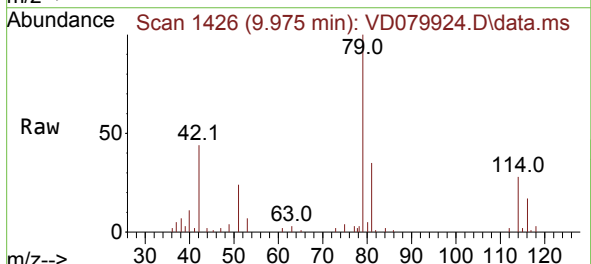
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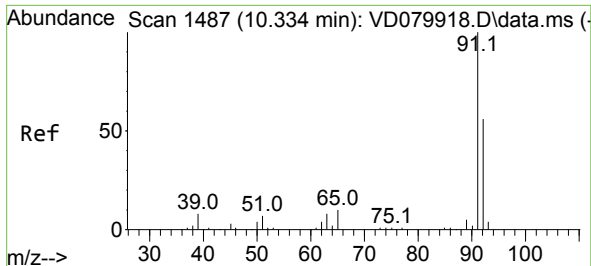
Tgt Ion: 75 Resp: 1822

Ion Ratio Lower Upper

75 100

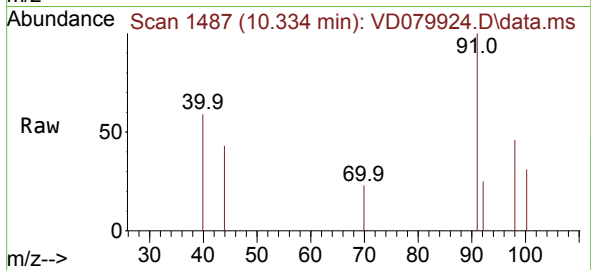
77 66.7 24.1 44.8#



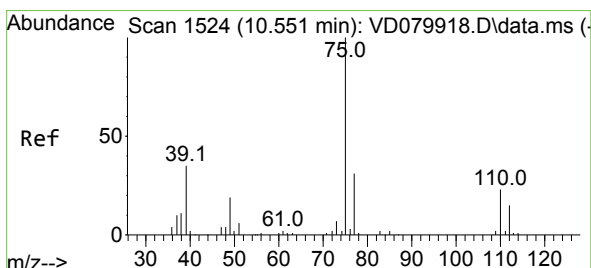
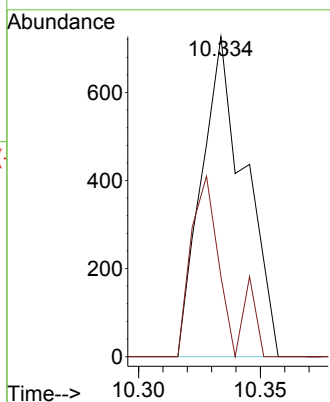
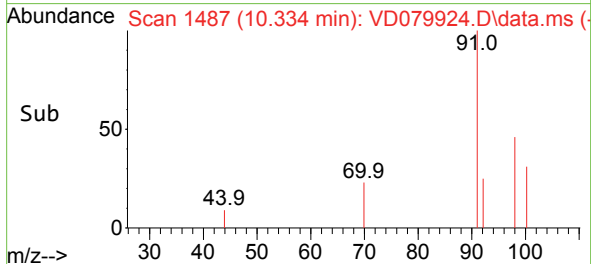


#42
Toluene
Concen: 0.136 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079924.D
Acq: 27 Sep 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :

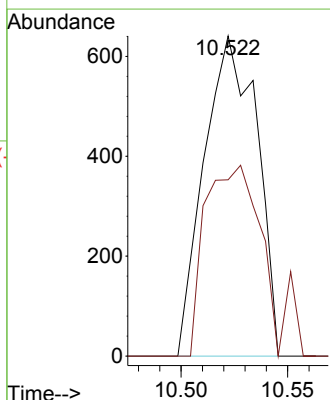
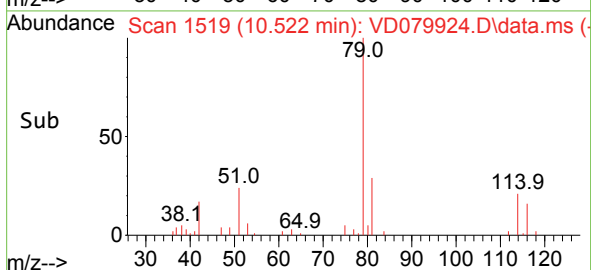
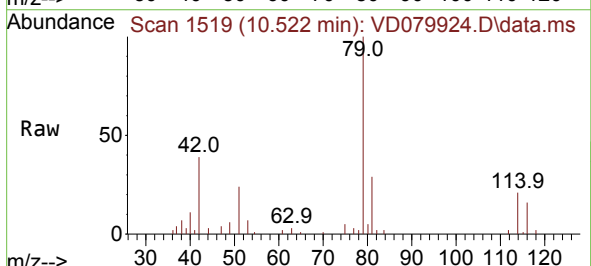


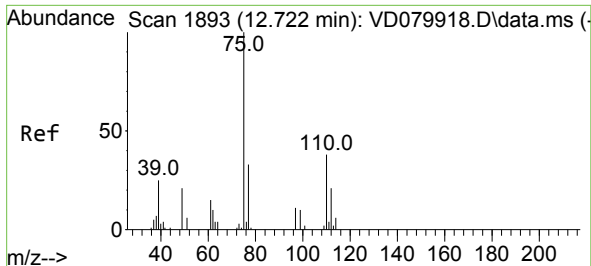
Tgt Ion: 91 Resp: 901
Ion Ratio Lower Upper
91 100
92 25.0 38.6 71.8#



#44
trans-1,3-Dichloropropene
Concen: 0.521 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD079924.D
Acq: 27 Sep 2024 16:02

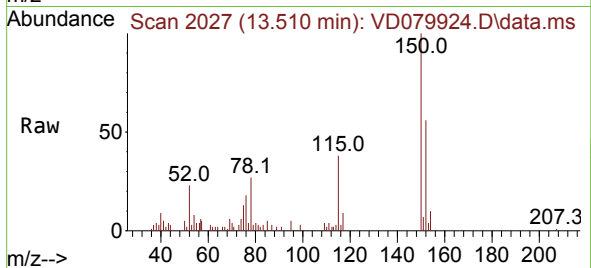
Tgt Ion: 75 Resp: 1103
Ion Ratio Lower Upper
75 100
77 55.1 21.8 40.4#



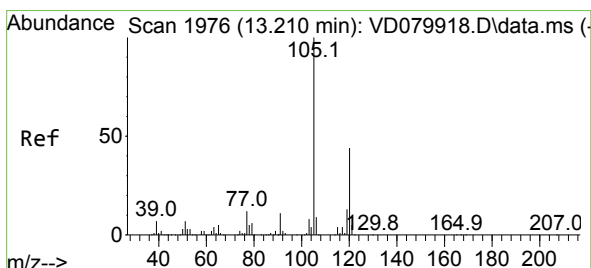
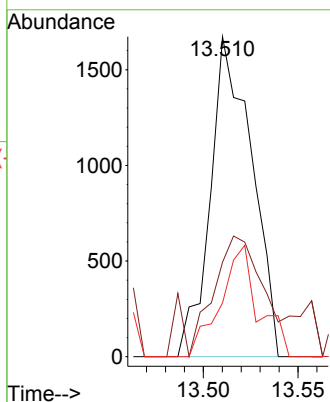
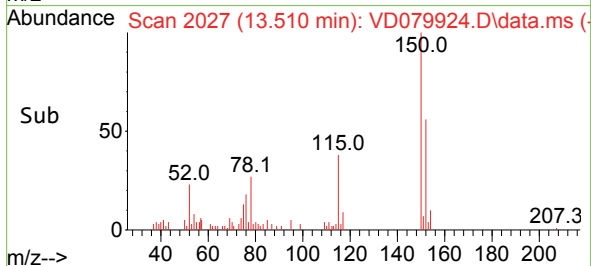


#61
 1,2,3-Trichloropropane
 Concen: 7.257 ug/L
 RT: 13.510 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD079924.D
 Acq: 27 Sep 2024 16:02

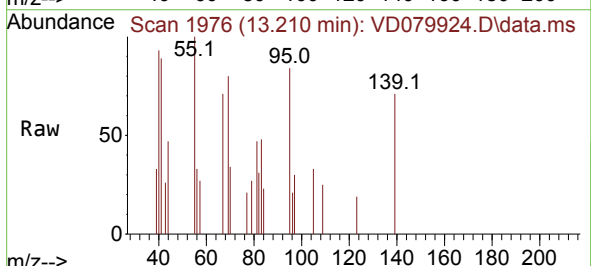
Instrument :
 MSVOA_D
 ClientSampleId :



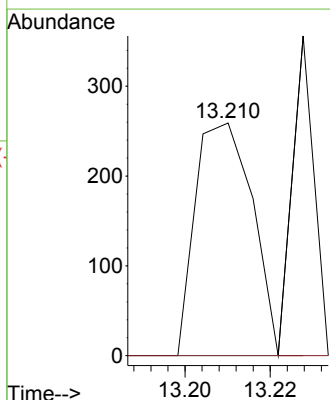
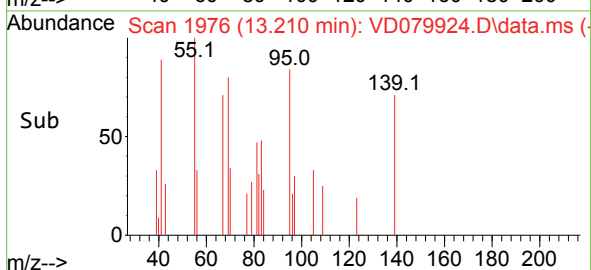
Tgt Ion: 75 Resp: 2544
 Ion Ratio Lower Upper
 75 100
 77 44.3 25.1 37.7#
 110 26.1 30.1 45.1#

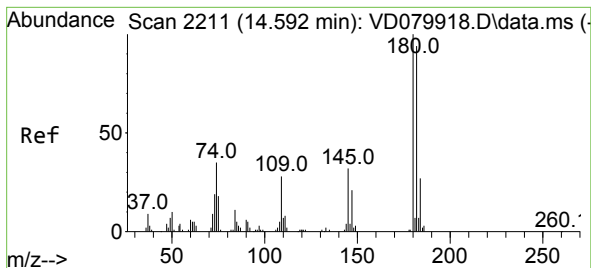


#63
 1,2,4-Trimethylbenzene
 Concen: 0.127 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079924.D
 Acq: 27 Sep 2024 16:02



Tgt Ion: 105 Resp: 240
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.3 54.5#





#69

1,3,5-Trichlorobenzene

Concen: 0.183 ug/L

RT: 15.322 min Scan# 21

Delta R.T. 0.729 min

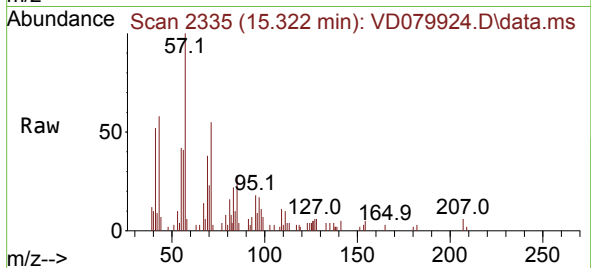
Lab File: VD079924.D

Acq: 27 Sep 2024 16:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 113

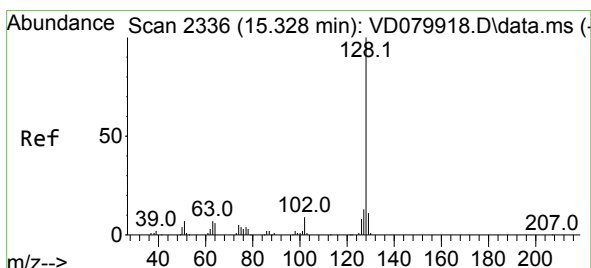
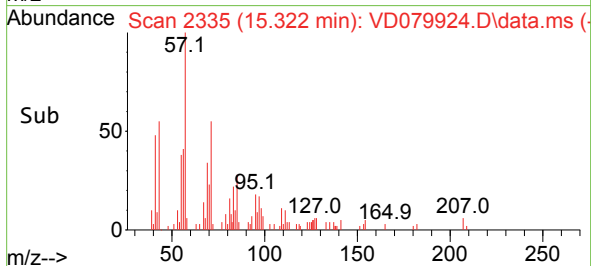
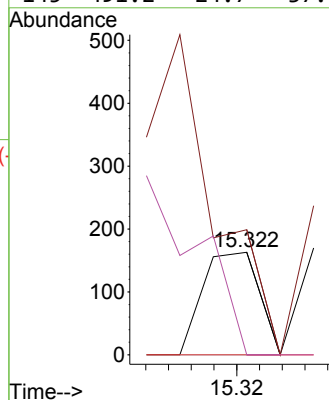
Ion Ratio Lower Upper

180 100

182 468.1 72.6 109.0#

184 0.0 24.2 36.2#

145 491.2 24.7 37.1#



#71

Naphthalene

Concen: 0.527 ug/L

RT: 15.322 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VD079924.D

Acq: 27 Sep 2024 16:02

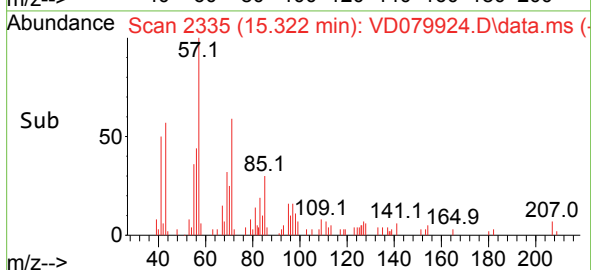
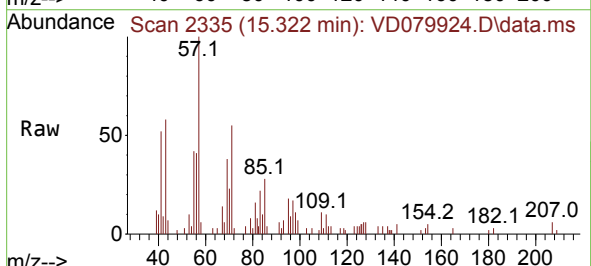
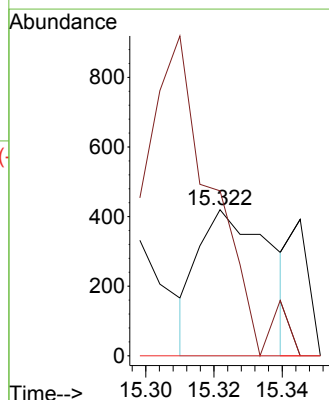
Tgt Ion:128 Resp: 611

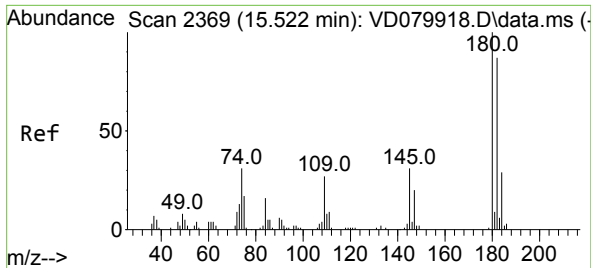
Ion Ratio Lower Upper

128 100

127 226.8 11.2 16.8#

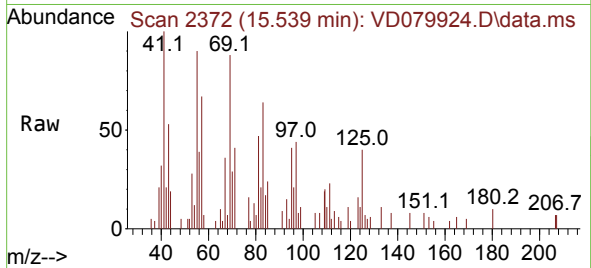
129 0.0 8.6 13.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.973 ug/L
 RT: 15.539 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VD079924.D
 Acq: 27 Sep 2024 16:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	26.8	74.1	111.1#
145	239.8	26.4	39.6#

