

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077626.D
 Acq On : 18 Nov 2023 13:04
 Operator : JC/SY
 Sample : 05416-25
 Misc : 5.12G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:24:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

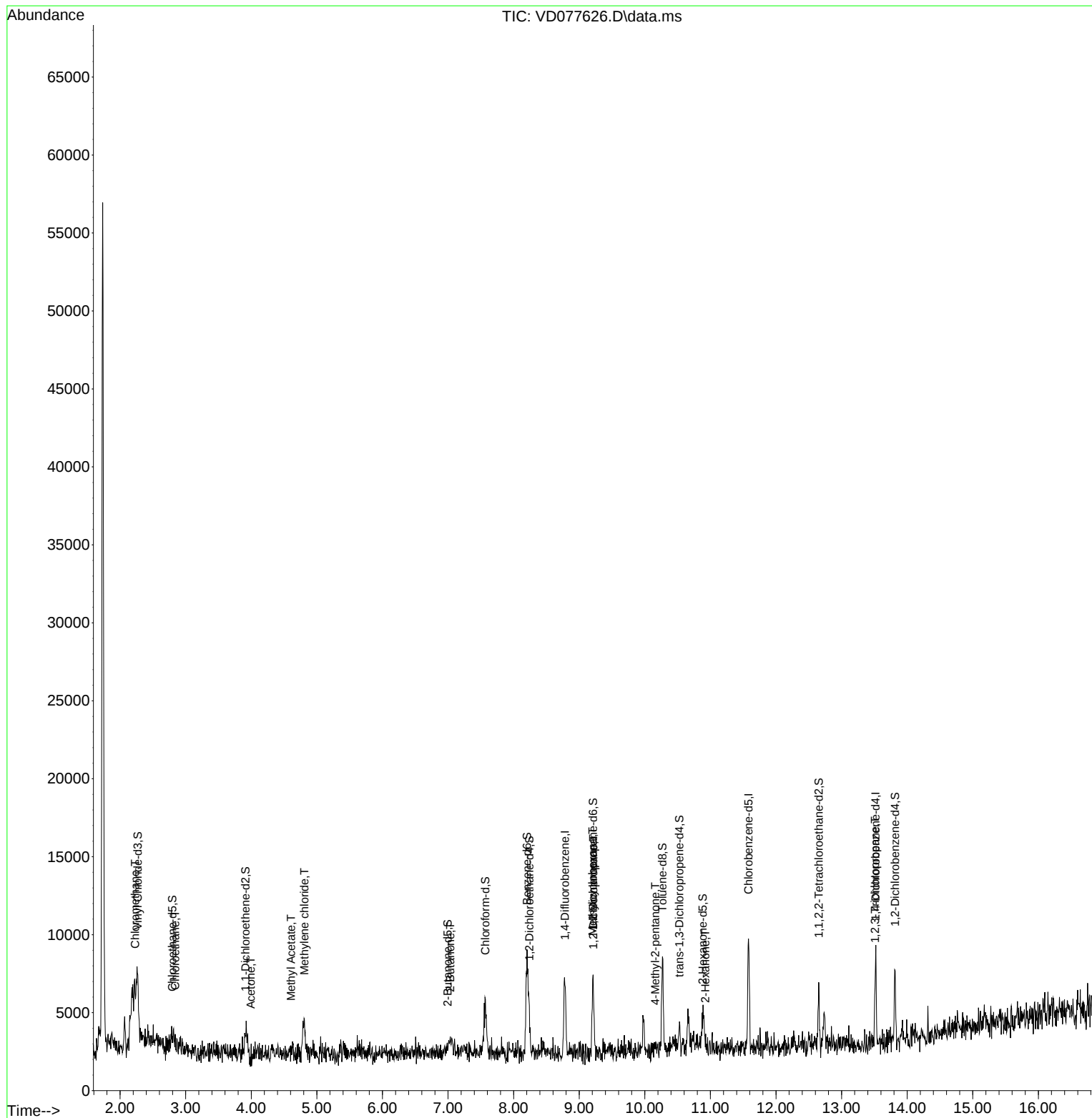
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	4649	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.581	117	3856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	1433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	1572	13.292	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.160%
7) Chloroethane-d5	2.799	69	861	9.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	37.080%
11) 1,1-Dichloroethene-d2	3.911	65	120	3.281	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	13.120%#
21) 2-Butanone-d5	6.993	46	616	30.085	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.160%
24) Chloroform-d	7.569	84	3030	22.562	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.240%
26) 1,2-Dichloroethane-d4	8.240	65	2089	29.243	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.960%
32) Benzene-d6	8.205	84	5511	22.020	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.080%
36) 1,2-Dichloropropane-d6	9.210	67	2245	27.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.160%
41) Toluene-d8	10.269	98	4503	19.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.640%
43) trans-1,3-Dichloroprop...	10.528	79	517	14.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.840%
47) 2-Hexanone-d5	10.881	63	256	17.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	1648	30.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.040%#
66) 1,2-Dichlorobenzene-d4	13.816	152	1133	22.225	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.228	50	142	1.318	ug/L	# 43
8) Chloroethane	2.840	64	161	2.130	ug/L	# 46
13) Acetone	3.993	43	138	6.412	ug/L	# 43
15) Methyl Acetate	4.605	43	57	1.610	ug/L	# 56
16) Methylene chloride	4.811	84	309	3.937	ug/L	79
22) 2-Butanone	7.034	43	56	2.162	ug/L	# 49
35) Methylcyclohexane	9.205	83	244	2.041	ug/L	# 16
37) 1,2-Dichloropropane	9.216	63	158	2.125	ug/L	# 88
40) 4-Methyl-2-pentanone	10.157	43	58	1.280	ug/L	# 45
48) 2-Hexanone	10.922	43	161	4.484	ug/L	# 22
61) 1,2,3-Trichloropropane	13.510	75	61	1.998	ug/L	# 40

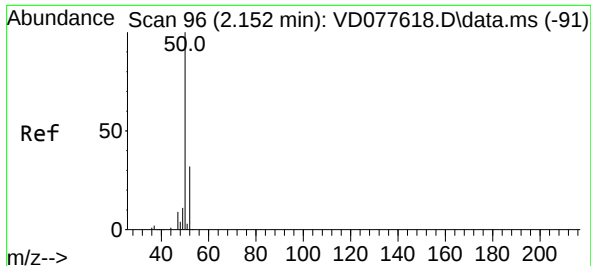
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
Data File : VD077626.D
Acq On : 18 Nov 2023 13:04
Operator : JC/SY
Sample : 05416-25
Misc : 5.12G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 19 23:24:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration

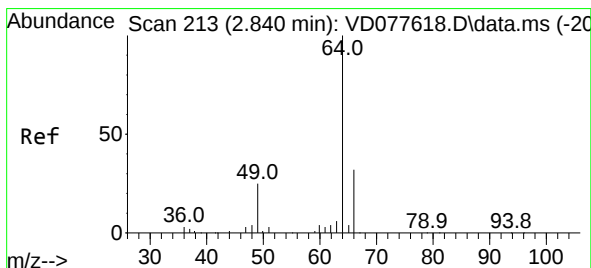
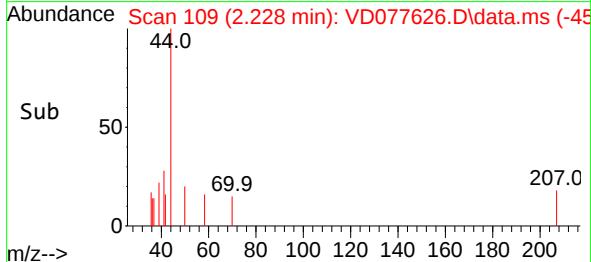
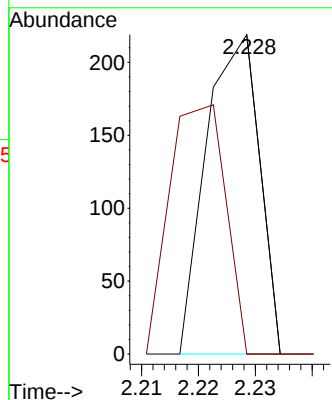
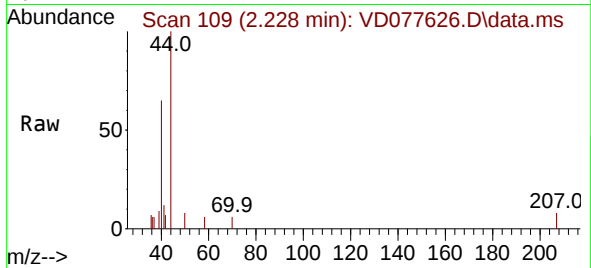




#3
Chloromethane
Concen: 1.318 ug/L
RT: 2.228 min Scan# 109
Delta R.T. 0.077 min
Lab File: VD077626.D
Acq: 18 Nov 2023 13:04

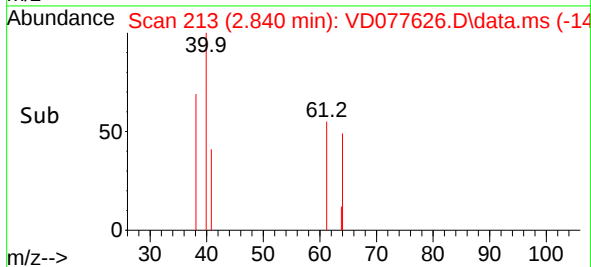
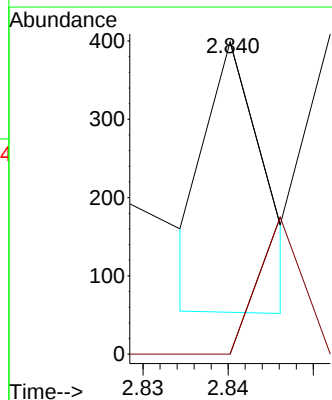
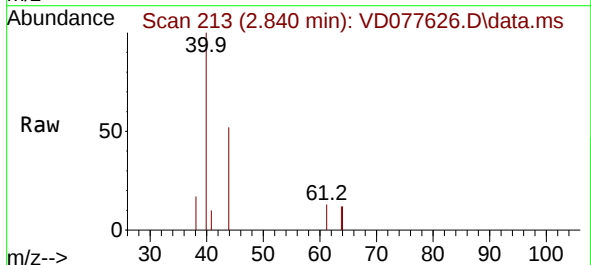
Instrument :
MSVOA_D
ClientSampleId :

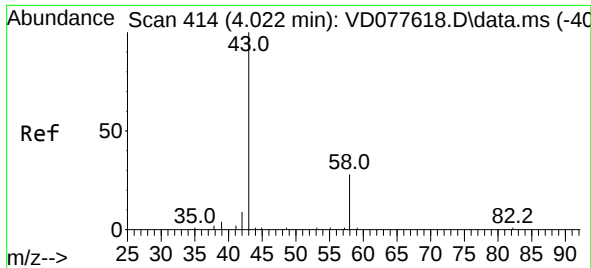
Tgt Ion: 50 Resp: 142
Ion Ratio Lower Upper
50 100
52 0.0 22.1 41.1#



#8
Chloroethane
Concen: 2.130 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077626.D
Acq: 18 Nov 2023 13:04

Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 19.8 36.8#





#13

Acetone

Concen: 6.412 ug/L

RT: 3.993 min Scan# 409

Delta R.T. -0.029 min

Lab File: VD077626.D

Acq: 18 Nov 2023 13:04

Instrument :

MSVOA_D

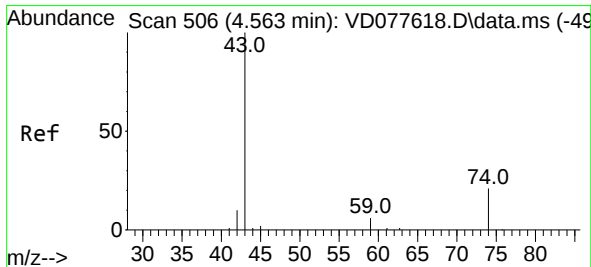
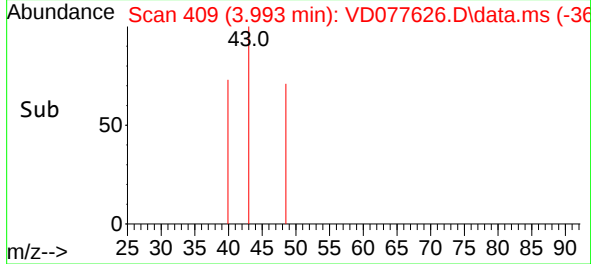
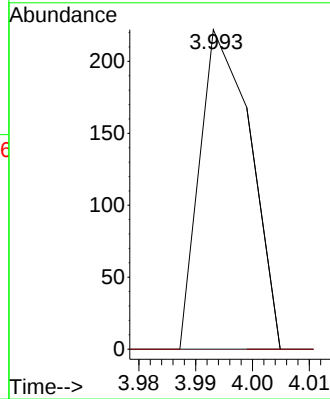
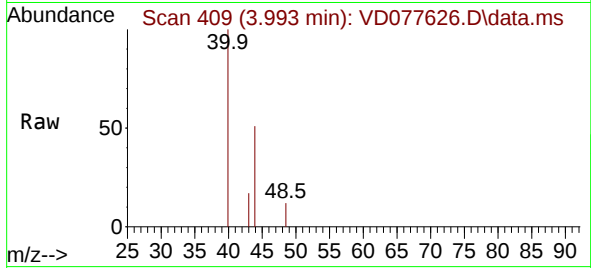
ClientSampleId :

Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

58 0.0 0.0 64.0



#15

Methyl Acetate

Concen: 1.610 ug/L

RT: 4.605 min Scan# 513

Delta R.T. 0.042 min

Lab File: VD077626.D

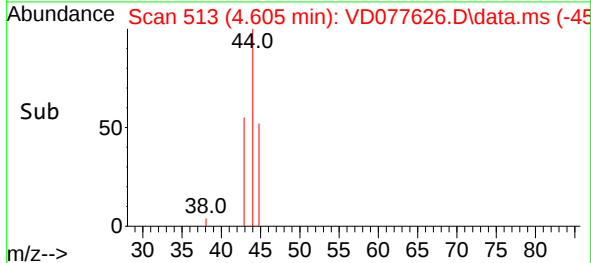
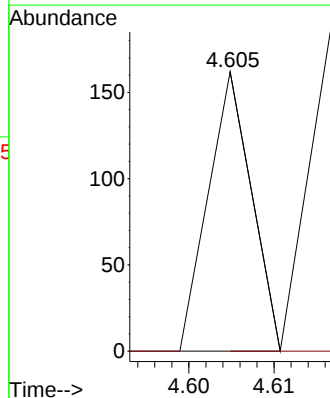
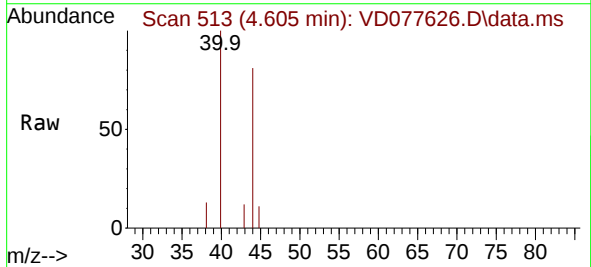
Acq: 18 Nov 2023 13:04

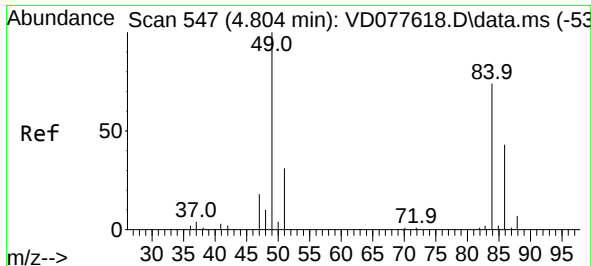
Tgt Ion: 43 Resp: 57

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#16

Methylene chloride

Concen: 3.937 ug/L

RT: 4.811 min Scan# 54

Delta R.T. 0.006 min

Lab File: VD077626.D

Acq: 18 Nov 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

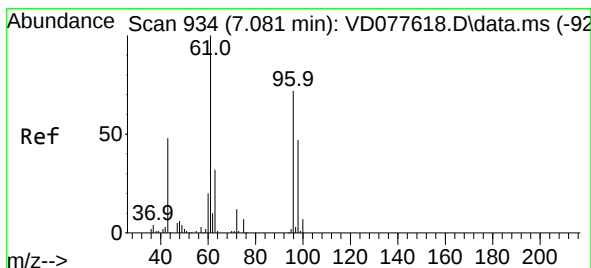
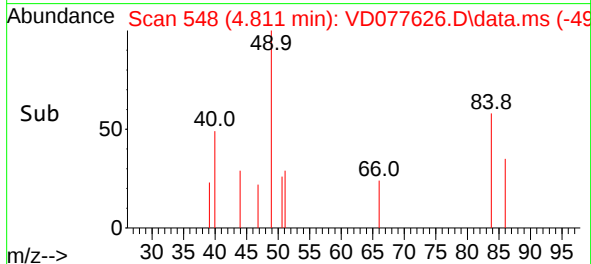
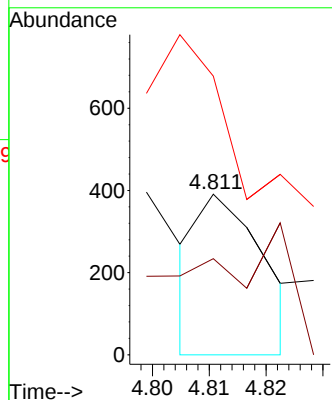
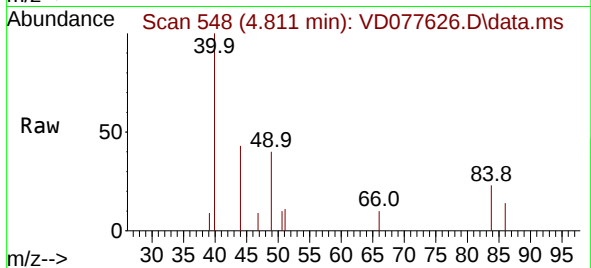
Tgt Ion: 84 Resp: 309

Ion Ratio Lower Upper

84 100

86 59.8 46.5 86.5

49 173.4 98.3 182.7



#22

2-Butanone

Concen: 2.162 ug/L

RT: 7.034 min Scan# 926

Delta R.T. -0.047 min

Lab File: VD077626.D

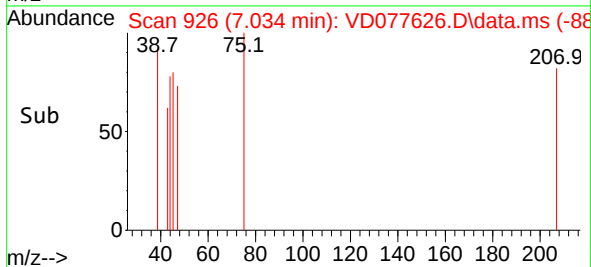
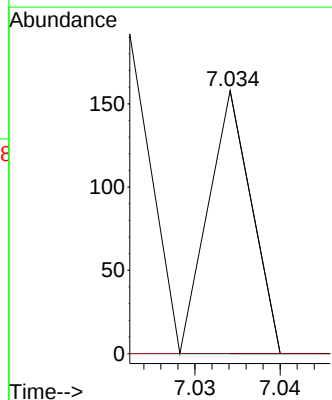
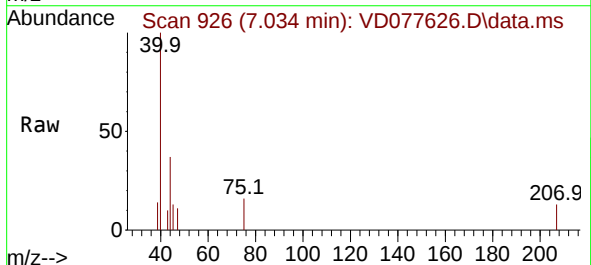
Acq: 18 Nov 2023 13:04

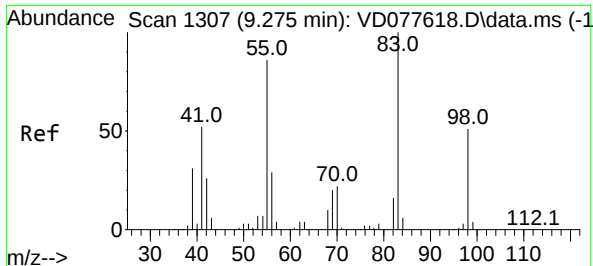
Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

72 0.0 12.8 38.4#





#35

Methylcyclohexane

Concen: 2.041 ug/L

RT: 9.205 min Scan# 1295

Delta R.T. -0.070 min

Lab File: VD077626.D

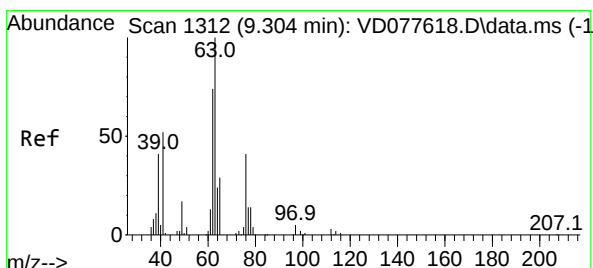
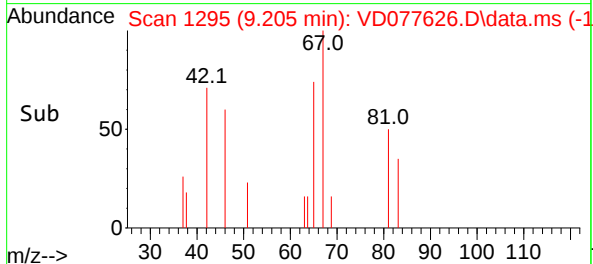
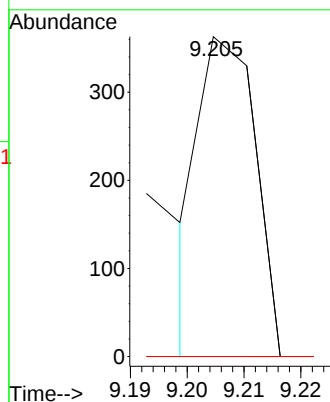
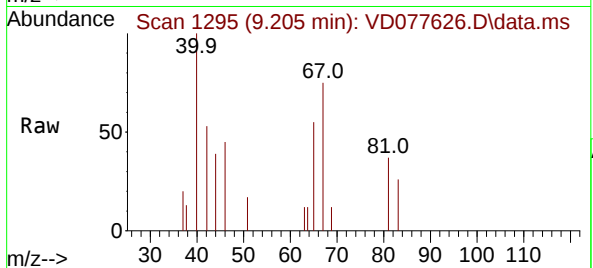
Acq: 18 Nov 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp:	244
Ion Ratio	Lower	Upper
83	100	
55	0.0	66.5
98	0.0	37.4



#37

1,2-Dichloropropane

Concen: 2.125 ug/L

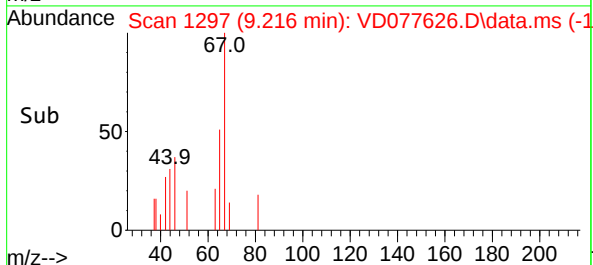
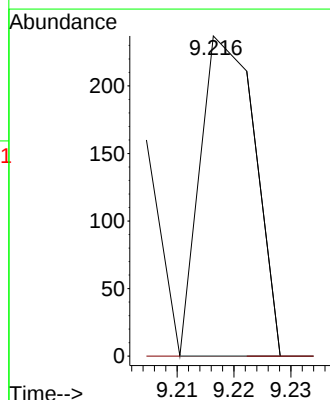
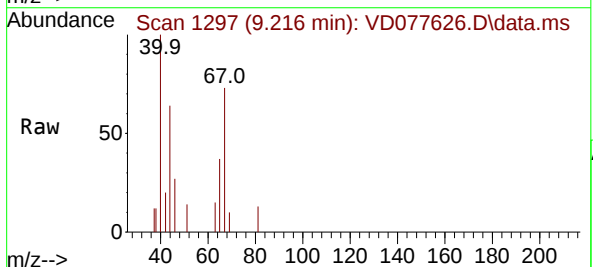
RT: 9.216 min Scan# 1297

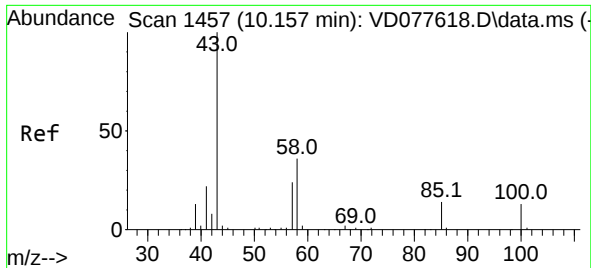
Delta R.T. -0.088 min

Lab File: VD077626.D

Acq: 18 Nov 2023 13:04

Tgt Ion: 63	Resp:	158
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.2

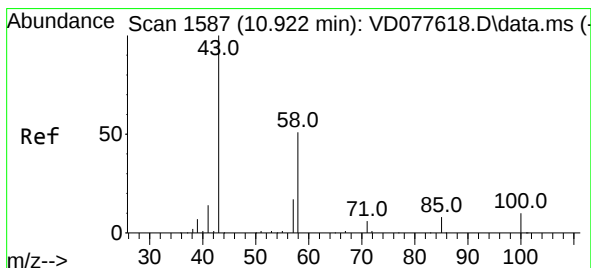
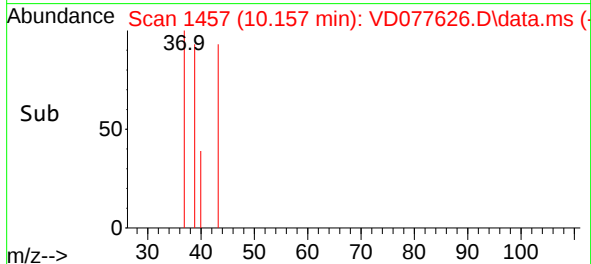
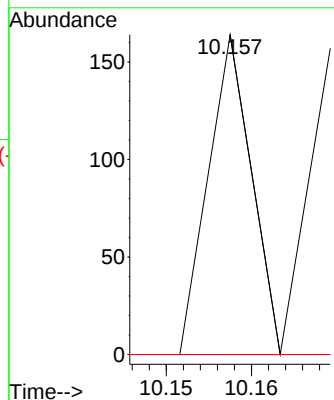
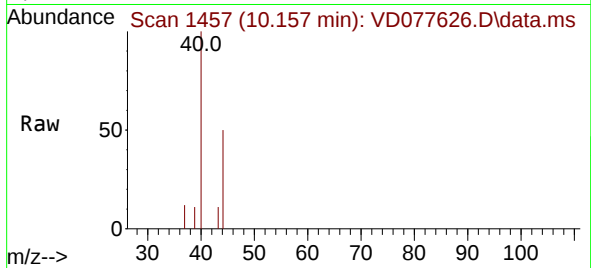




#40
4-Methyl-2-pentanone
Concen: 1.280 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077626.D
Acq: 18 Nov 2023 13:04

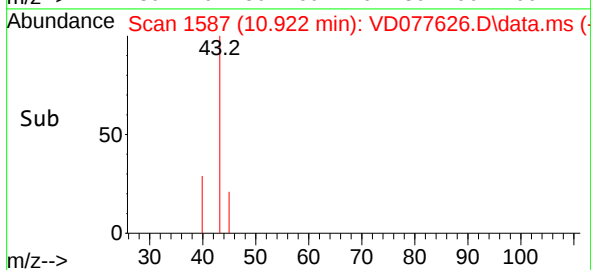
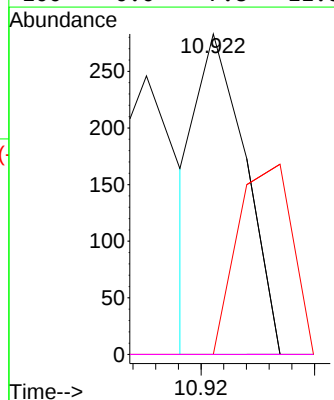
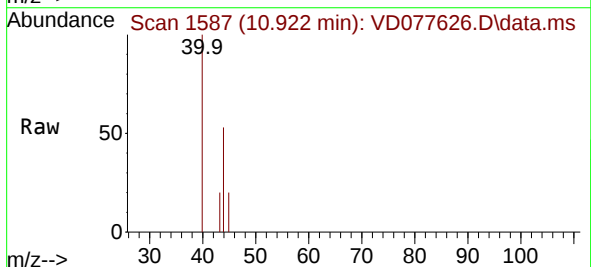
Instrument :
MSVOA_D
ClientSampleId :

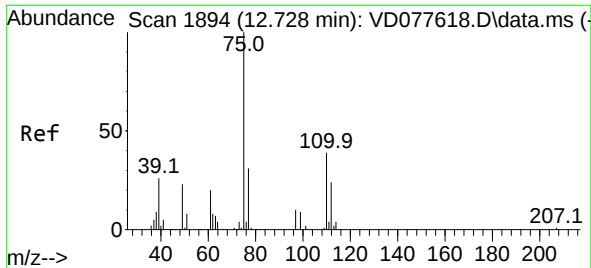
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8#
100 0.0 9.5 14.3#



#48
2-Hexanone
Concen: 4.484 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077626.D
Acq: 18 Nov 2023 13:04

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 40.8 61.2#
57 69.6 13.7 20.5#
100 0.0 7.8 11.8#





#61

1,2,3-Trichloropropane

Concen: 1.998 ug/L

RT: 13.510 min Scan# 20

Delta R.T. 0.783 min

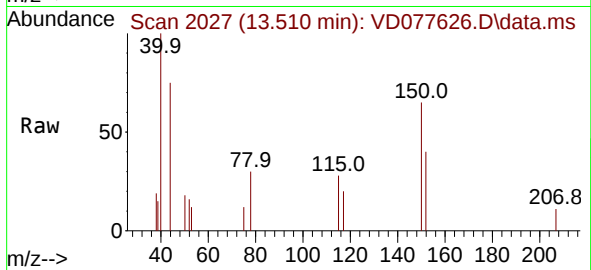
Lab File: VD077626.D

Acq: 18 Nov 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

110 0.0 29.6 44.4#

