

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077017.D
 Acq On : 25 Aug 2023 15:57
 Operator : JC/SY
 Sample : 04172-02
 Misc : 5.39G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:55:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

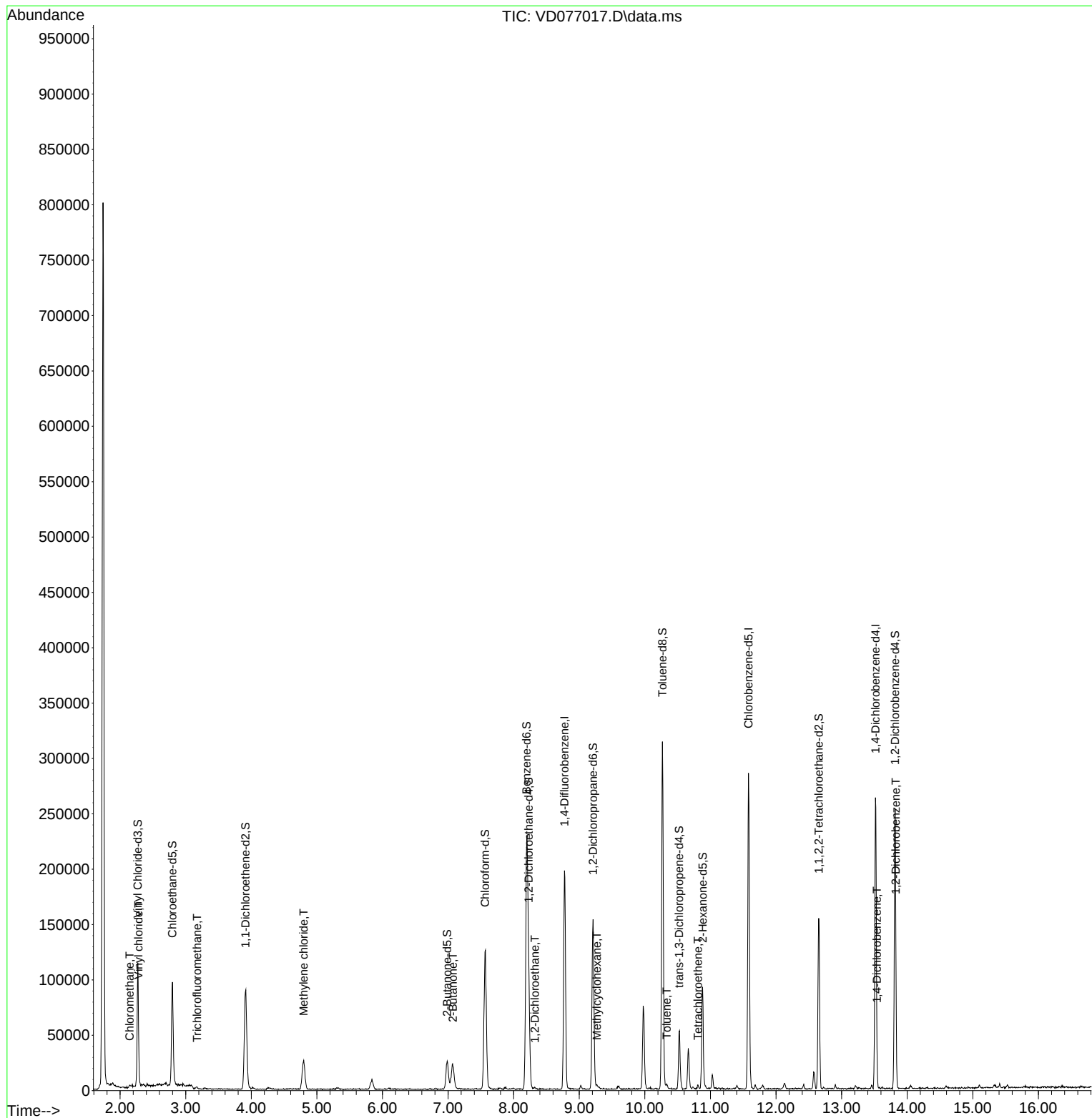
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	184970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	174272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	74162	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	95342	18.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.960%
7) Chloroethane-d5	2.799	69	94780	20.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
11) 1,1-Dichloroethene-d2	3.910	65	25152	20.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.480%
21) 2-Butanone-d5	6.987	46	44200	54.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.240%
24) Chloroform-d	7.563	84	132143	21.939	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.760%
26) 1,2-Dichloroethane-d4	8.228	65	66282	22.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.320%
32) Benzene-d6	8.199	84	250025	22.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.210	67	77506	23.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.269	98	223693	22.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.080%
43) trans-1,3-Dichloroprop...	10.522	79	31145	20.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.800%
47) 2-Hexanone-d5	10.881	63	33916	52.705	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79708	24.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	70339	25.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.760%
Target Compounds						Qvalue
3) Chloromethane	2.146	50	1322	0.332	ug/L	83
5) Vinyl chloride	2.281	62	1880	0.331	ug/L #	15
9) Trichlorofluoromethane	3.175	101	1332	0.283	ug/L #	23
16) Methylene chloride	4.799	84	21555	5.555	ug/L	81
22) 2-Butanone	7.075	43	1161	0.994	ug/L	100
27) 1,2-Dichloroethane	8.322	62	941	0.266	ug/L #	71
35) Methylcyclohexane	9.269	83	1558	0.321	ug/L #	59
42) Toluene	10.334	91	3372	0.271	ug/L	97
46) Tetrachloroethene	10.810	164	612	0.273	ug/L #	57
65) 1,4-Dichlorobenzene	13.539	146	1854	0.368	ug/L	91
67) 1,2-Dichlorobenzene	13.828	146	1644	0.360	ug/L #	35

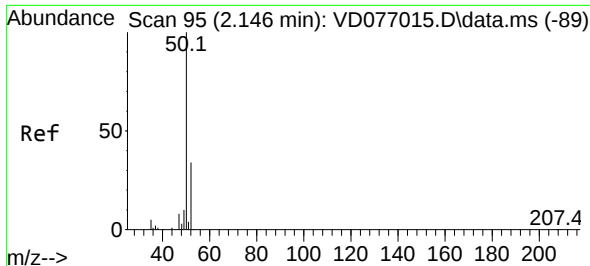
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :

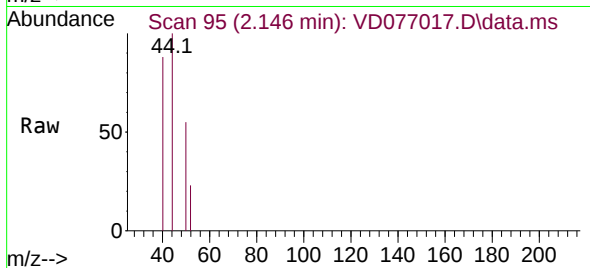
Quant Time: Aug 25 23:55:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration



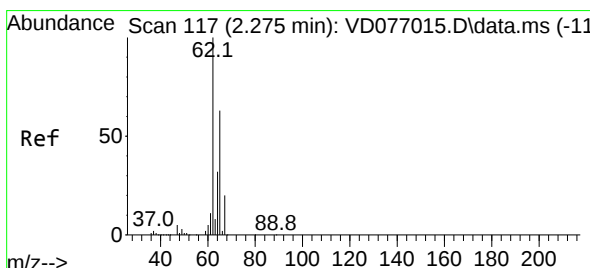
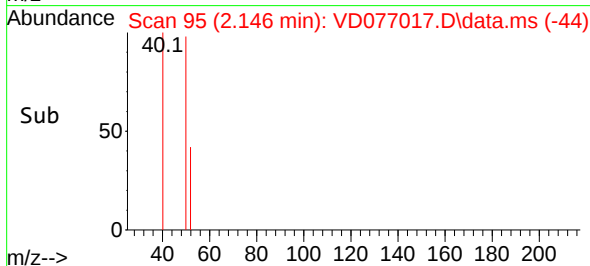
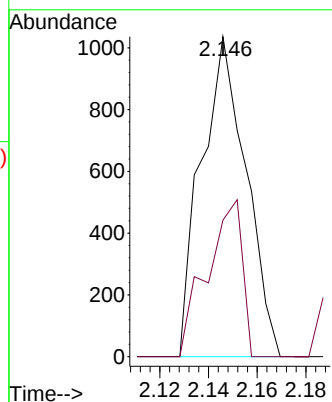


#3
Chloromethane
Concen: 0.332 ug/L
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :

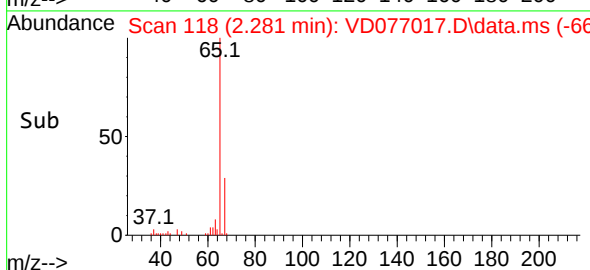
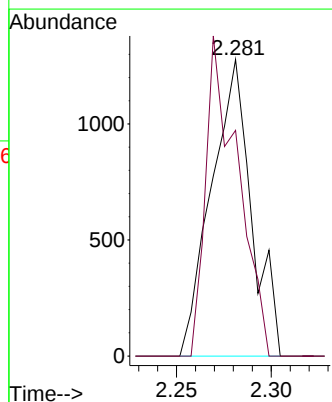
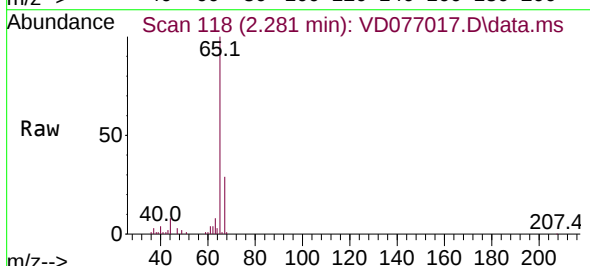


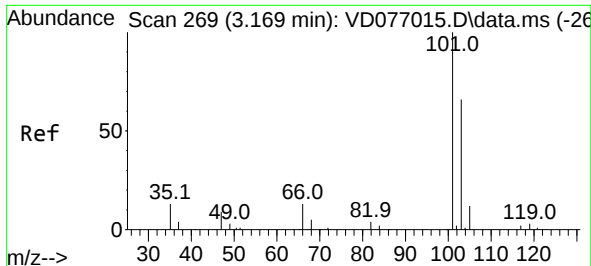
Tgt Ion: 50 Resp: 1322
Ion Ratio Lower Upper
50 100
52 42.7 23.2 43.2



#5
Vinyl chloride
Concen: 0.331 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

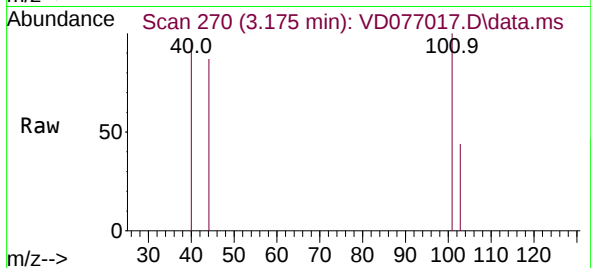
Tgt Ion: 62 Resp: 1880
Ion Ratio Lower Upper
62 100
64 76.1 21.1 39.1#



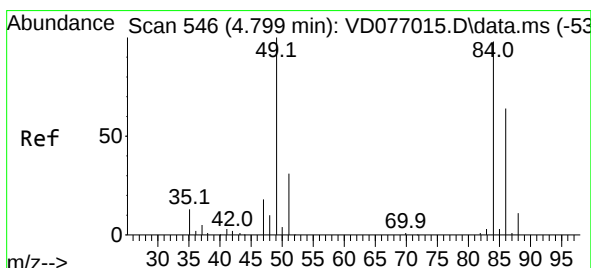
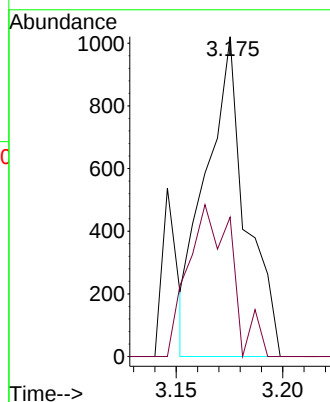
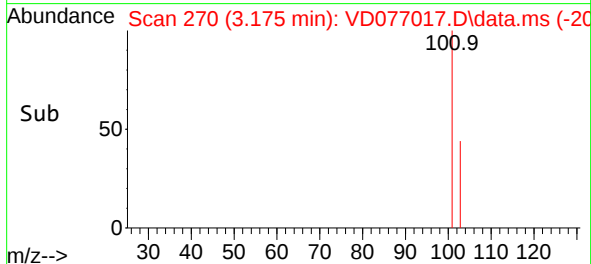


#9
Trichlorofluoromethane
Concen: 0.283 ug/L
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :

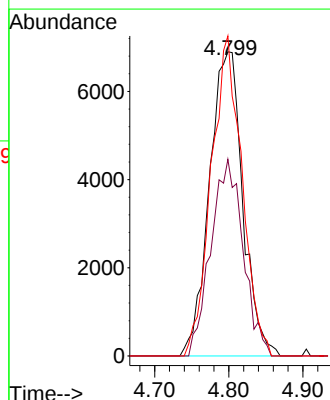
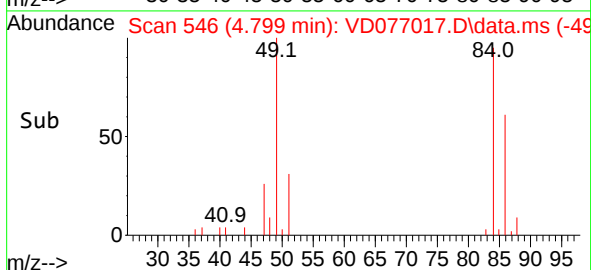
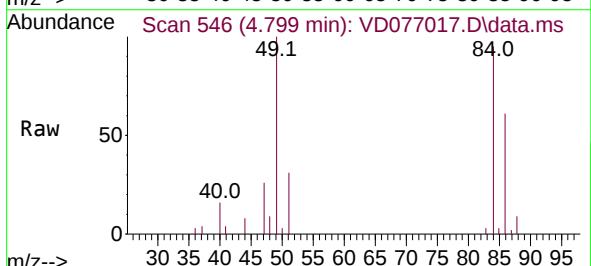


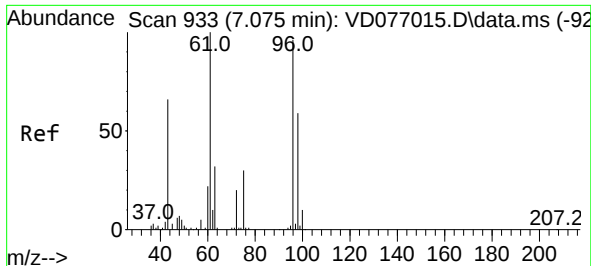
Tgt Ion:101 Resp: 1332
Ion Ratio Lower Upper
101 100
103 4.0 51.8 77.6#



#16
Methylene chloride
Concen: 5.555 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

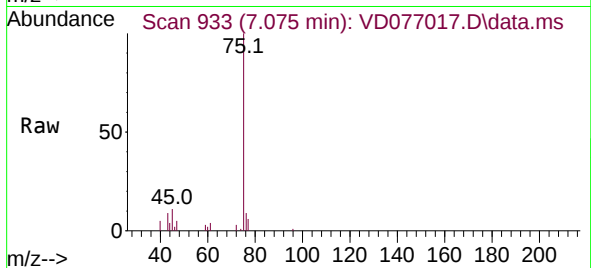
Tgt Ion: 84 Resp: 21555
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.9
49 105.2 97.2 180.6



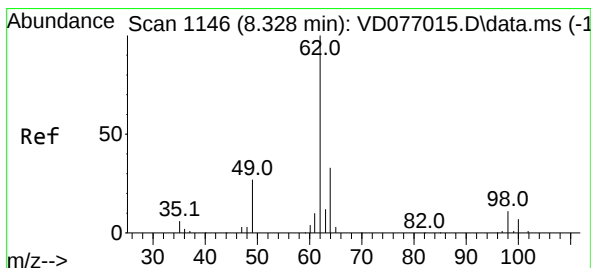
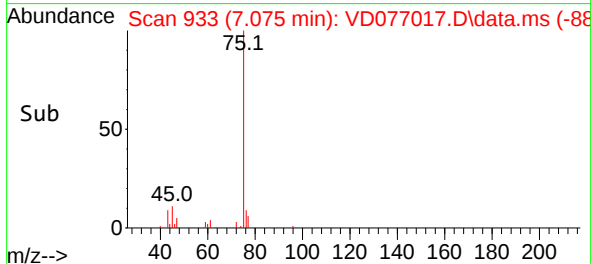
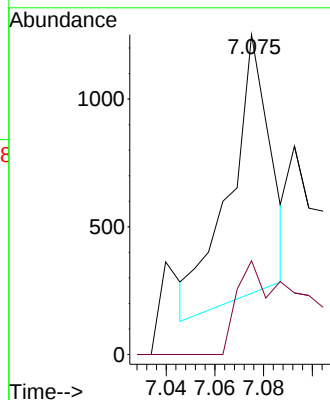


#22
2-Butanone
Concen: 0.994 ug/L
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :

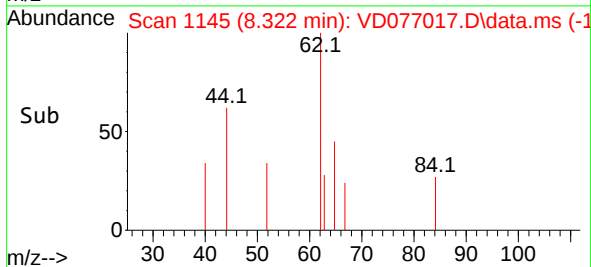
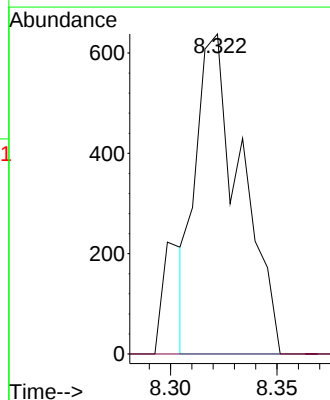
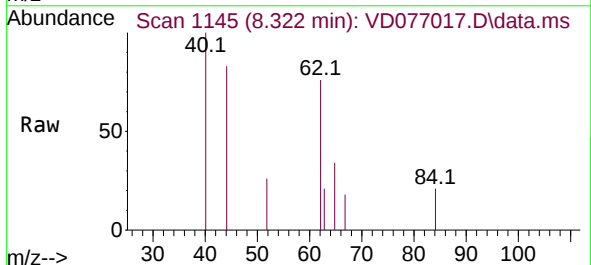


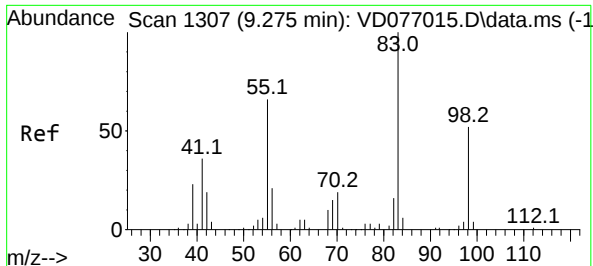
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
72 25.7 12.9 38.7



#27
1,2-Dichloroethane
Concen: 0.266 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

Tgt Ion: 62 Resp: 941
Ion Ratio Lower Upper
62 100
98 0.0 8.7 13.1#





#35

Methylcyclohexane

Concen: 0.321 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD077017.D

Acq: 25 Aug 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

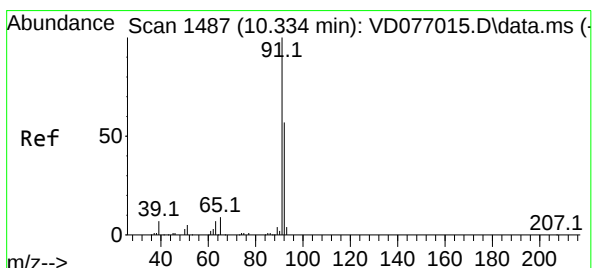
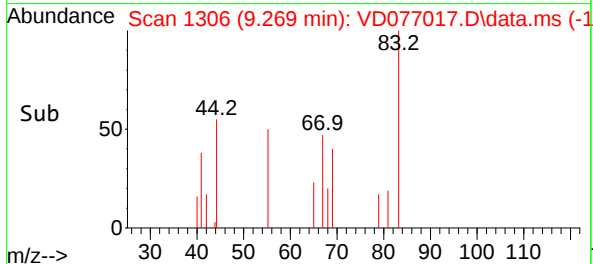
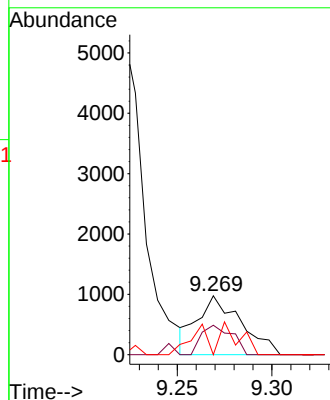
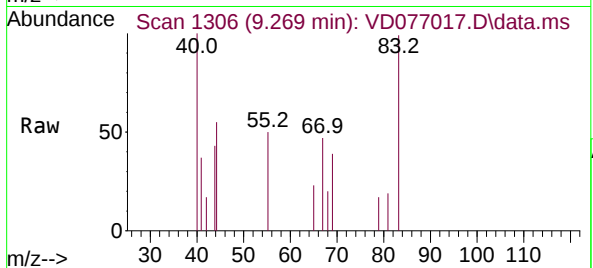
Tgt Ion: 83 Resp: 1558

Ion Ratio Lower Upper

83 100

55 35.4 59.8 89.6#

98 24.5 37.8 56.6#



#42

Toluene

Concen: 0.271 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077017.D

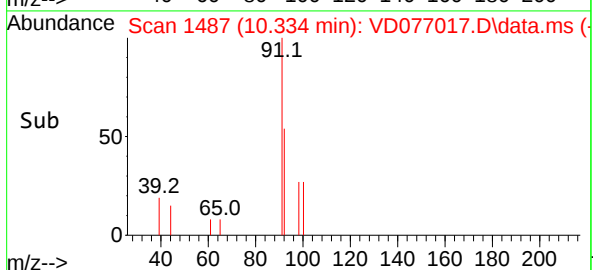
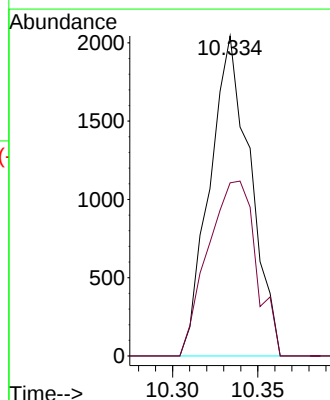
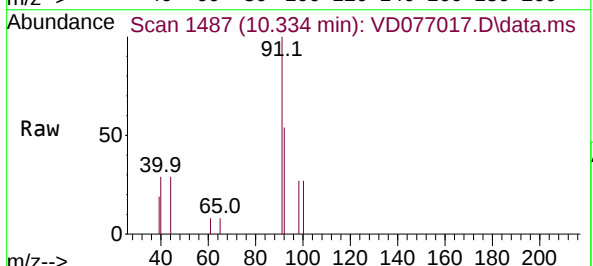
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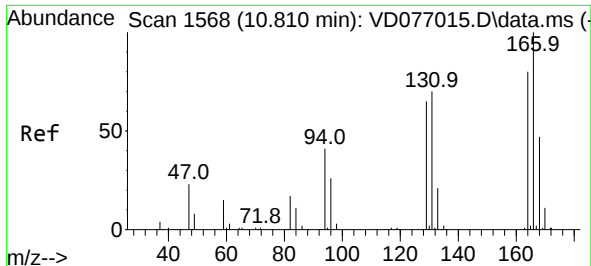
Tgt Ion: 91 Resp: 3372

Ion Ratio Lower Upper

91 100

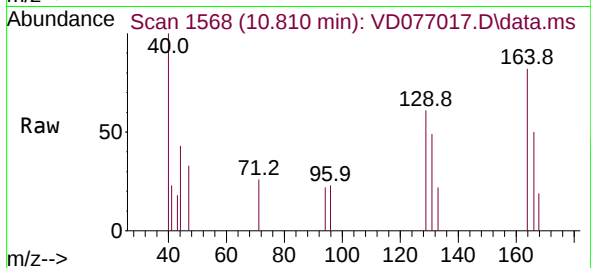
92 54.1 39.3 73.1



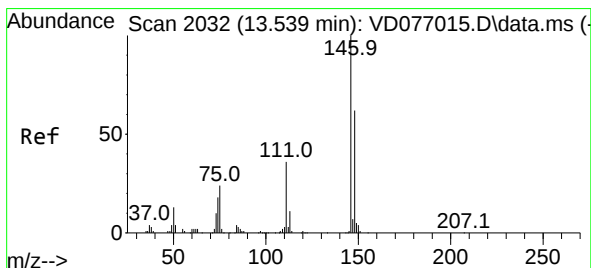
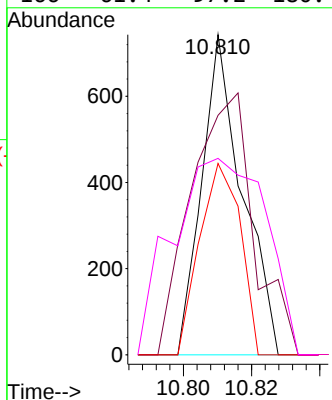
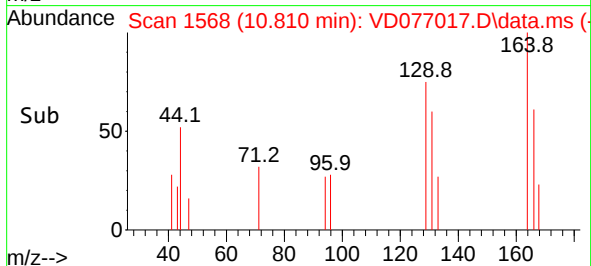


#46
Tetrachloroethene
Concen: 0.273 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57

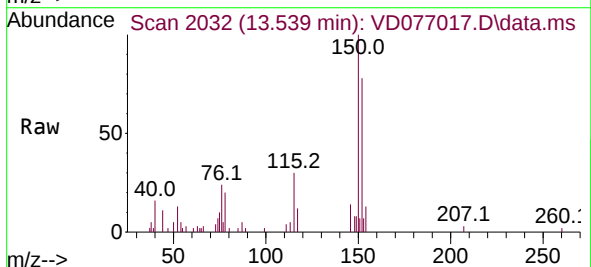
Instrument :
MSVOA_D
ClientSampleId :



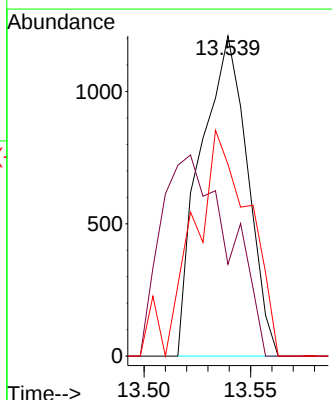
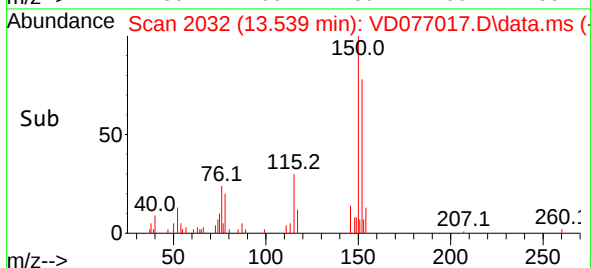
Tgt Ion:164 Resp: 612
Ion Ratio Lower Upper
164 100
129 74.8 65.5 121.6
131 59.8 64.8 120.3#
166 61.4 97.2 180.4#

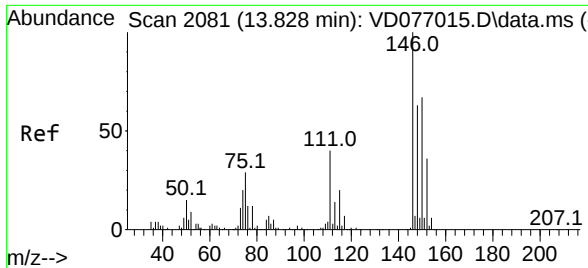


#65
1,4-Dichlorobenzene
Concen: 0.368 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077017.D
Acq: 25 Aug 2023 15:57



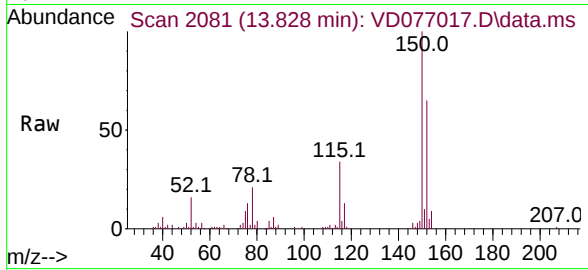
Tgt Ion:146 Resp: 1854
Ion Ratio Lower Upper
146 100
111 28.7 25.7 47.7
148 59.9 45.4 84.2





#67
 1,2-Dichlorobenzene
 Concen: 0.360 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD077017.D
 Acq: 25 Aug 2023 15:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	146	Resp:	1644
Ion	Ratio	Lower	Upper
146	100		
111	89.9	31.3	46.9#
148	107.2	51.7	77.5#

