

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077873.D
 Acq On : 14 Dec 2023 10:27
 Operator : RP/MD
 Sample : VD1214SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:12:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

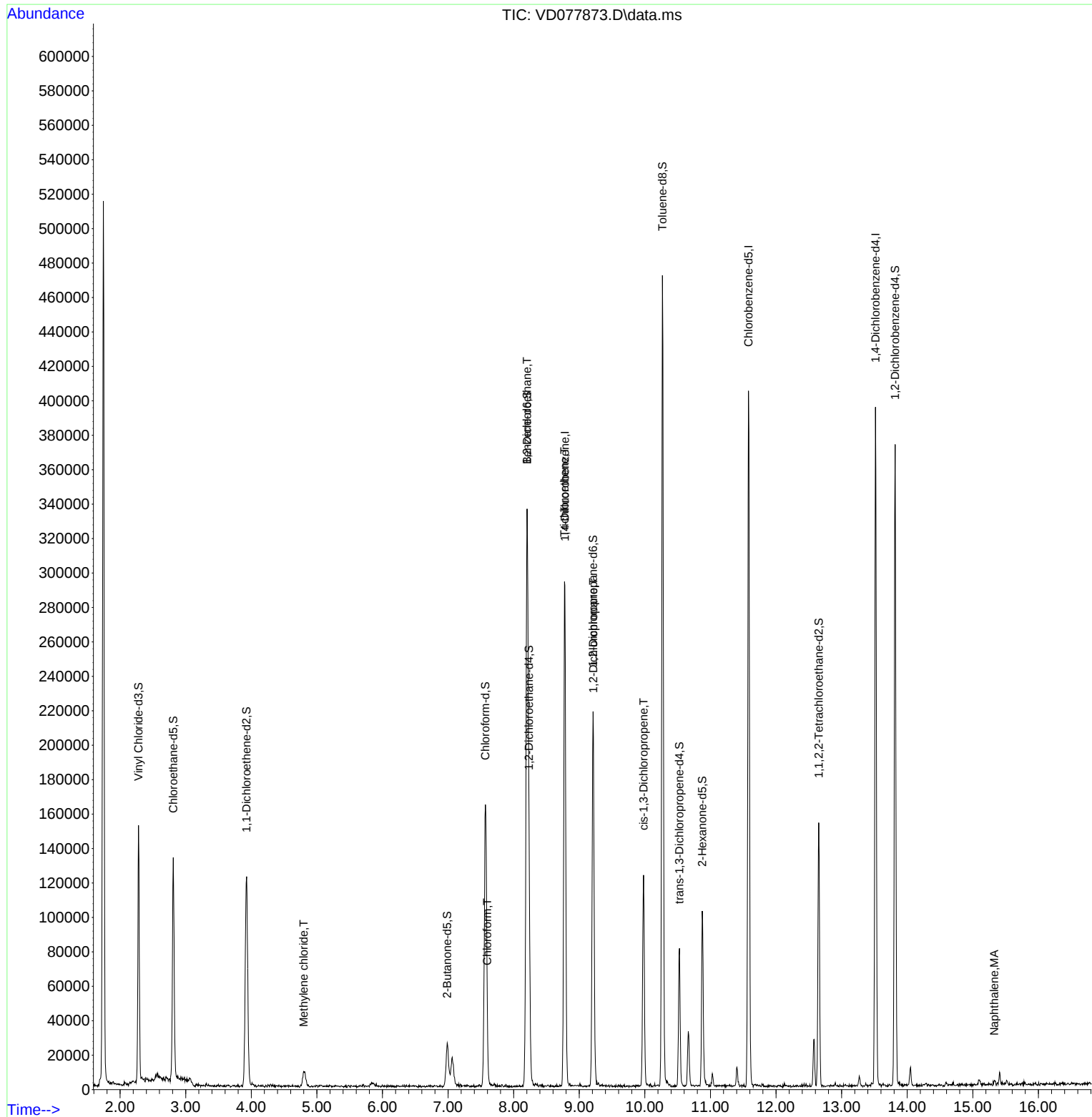
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	265051	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239069	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105391	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	137028	18.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
7) Chloroethane-d5	2.811	69	130868	22.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
11) 1,1-Dichloroethene-d2	3.928	65	35370	18.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	6.987	46	42844	46.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.800%
24) Chloroform-d	7.569	84	174911	24.485	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.234	65	86889	24.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.204	84	354496	24.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	9.210	67	109092	24.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.269	98	322707	24.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	10.528	79	45543	23.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.875	63	35321	46.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80065	25.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	99066	26.275	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.120%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	3607	0.766	ug/L	79
25) Chloroform	7.599	83	3155	0.452	ug/L	81
27) 1,2-Dichloroethane	8.204	62	1225	0.281	ug/L #	72
34) Trichloroethene	8.775	95	7948	2.058	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	11809	2.911	ug/L #	90
39) cis-1,3-Dichloropropene	9.981	75	3544	0.559	ug/L #	35
71) Naphthalene	15.328	128	2482	0.345	ug/L #	93

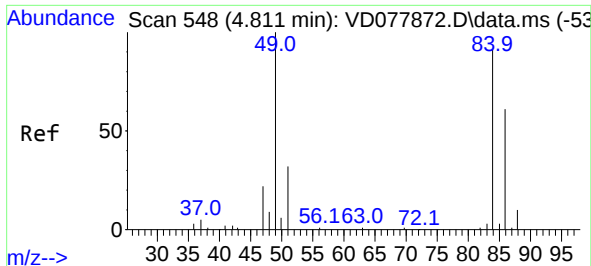
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

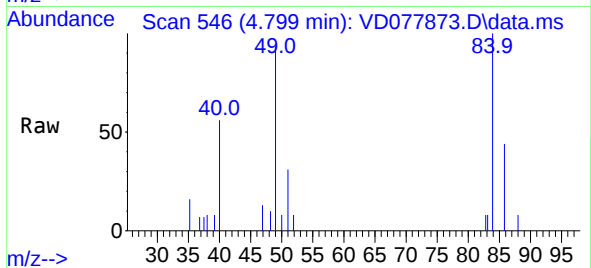
Quant Time: Dec 15 07:12:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





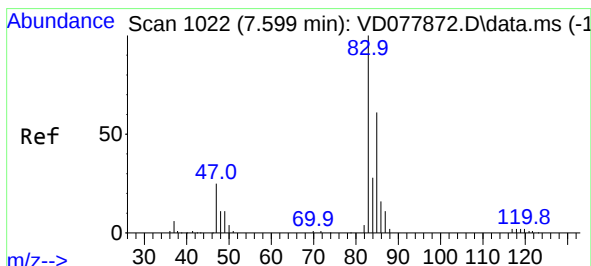
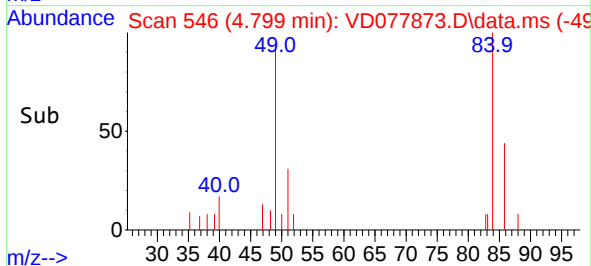
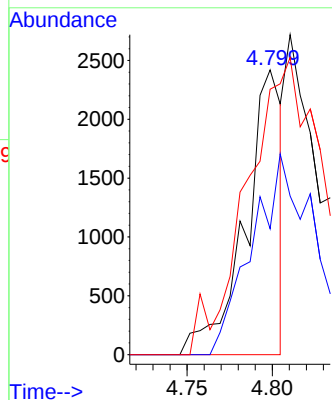
#16
Methylene chloride
Concen: 0.766 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 3607

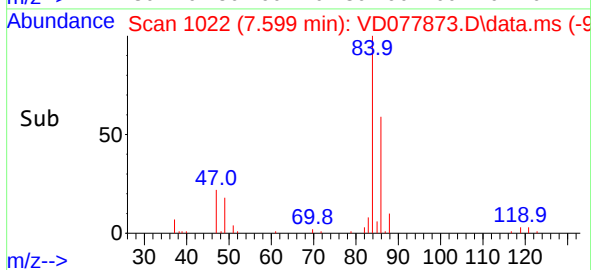
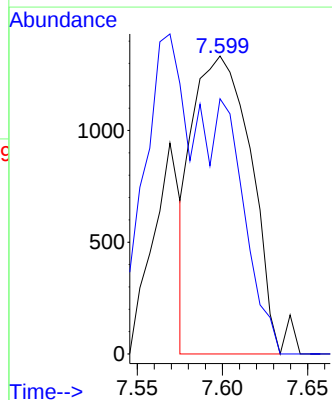
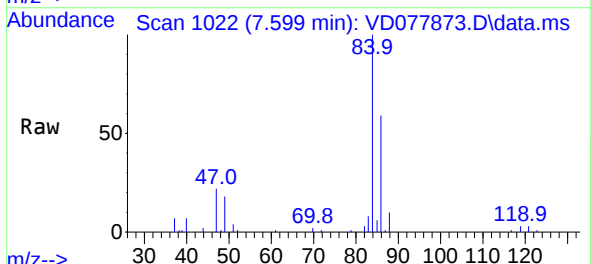
Ion	Ratio	Lower	Upper
84	100		
86	44.2	40.1	74.5
49	93.2	83.2	154.6

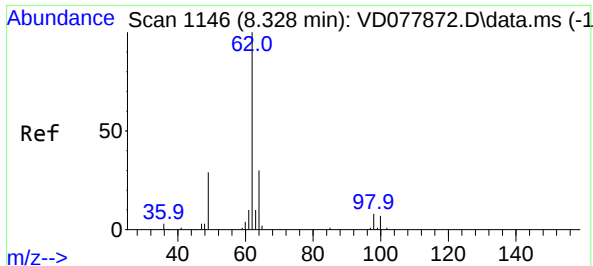


#25
Chloroform
Concen: 0.452 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

Tgt Ion: 83 Resp: 3155

Ion	Ratio	Lower	Upper
83	100		
85	85.7	48.9	90.9

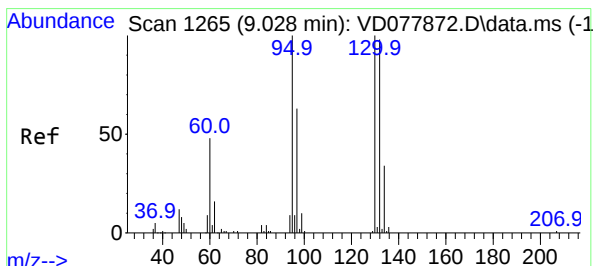
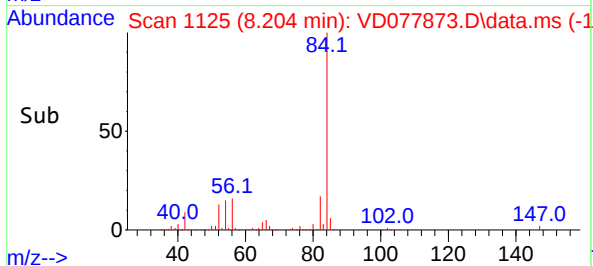
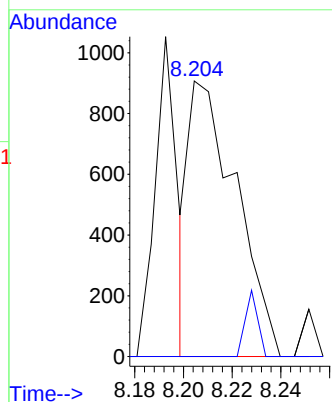
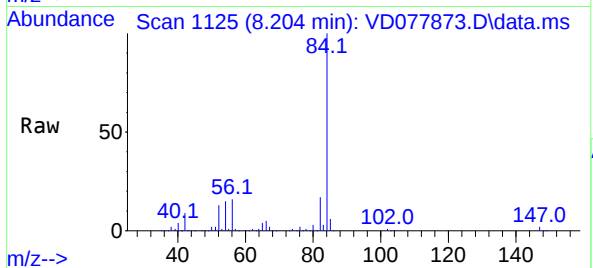




#27
1,2-Dichloroethane
Concen: 0.281 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.124 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

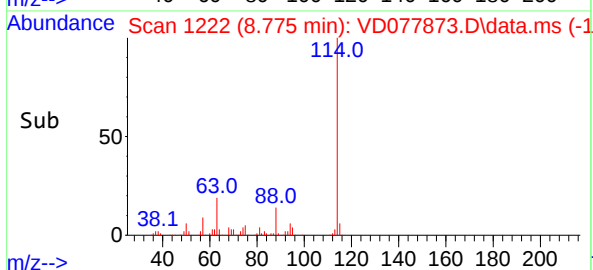
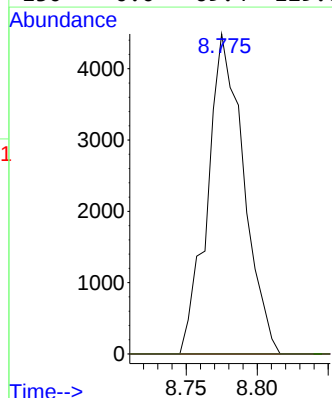
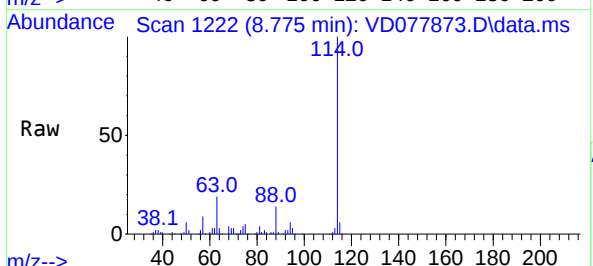
Instrument :
MSVOA_D
ClientSampleId :

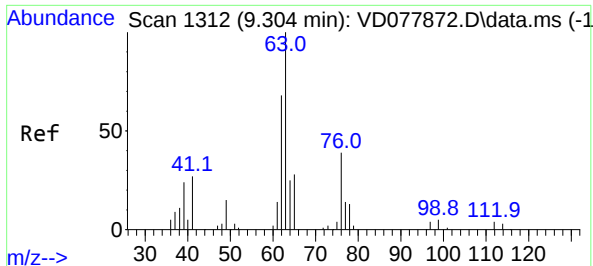
Tgt Ion: 62 Resp: 1225
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#34
Trichloroethene
Concen: 2.058 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.259 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

Tgt Ion: 95 Resp: 7948
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#

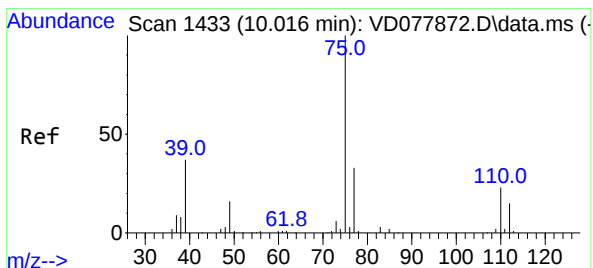
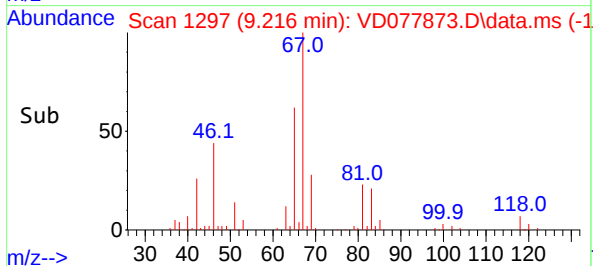
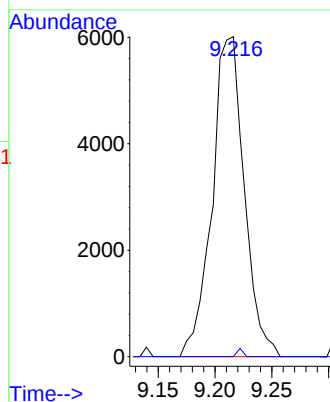
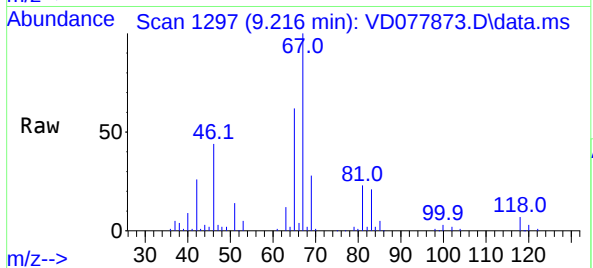




#37
1,2-Dichloropropane
Concen: 2.911 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

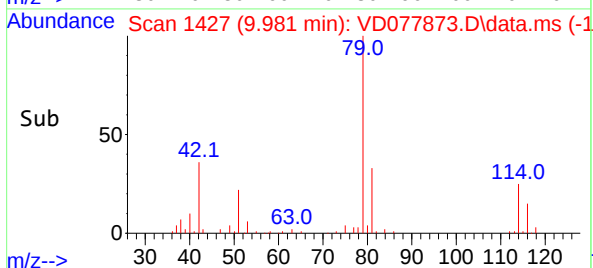
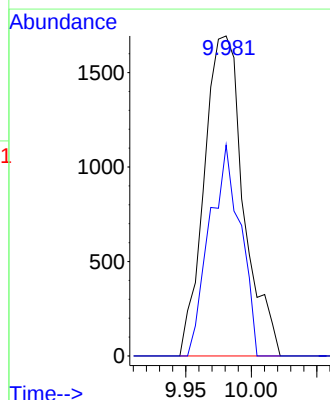
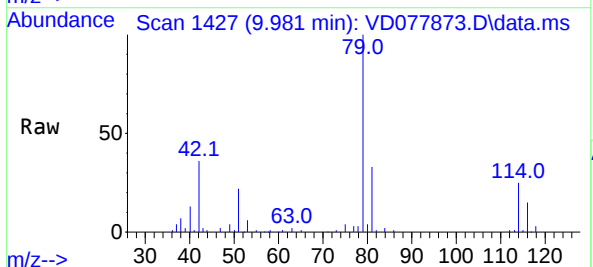
Instrument :
MSVOA_D
ClientSampleId :

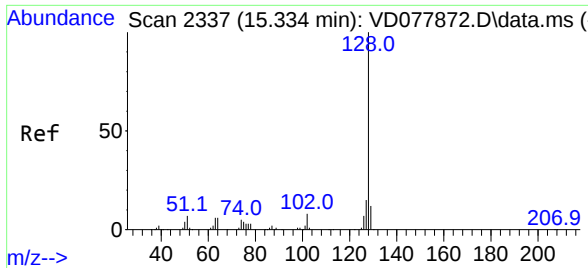
Tgt Ion: 63 Resp: 11809
Ion Ratio Lower Upper
63 100
112 1.2 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.041 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

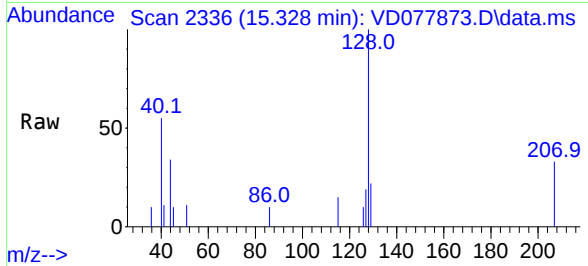
Tgt Ion: 75 Resp: 3544
Ion Ratio Lower Upper
75 100
77 65.9 21.2 39.4#





#71
Naphthalene
Concen: 0.345 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD077873.D
Acq: 14 Dec 2023 10:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	2482
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	15.9	8.7	13.1#

