

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076035.D
 Acq On : 08 May 2023 13:04
 Operator : KP/SY
 Sample : 02591-23
 Misc : 4.59G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREK4

Quant Time: May 09 02:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

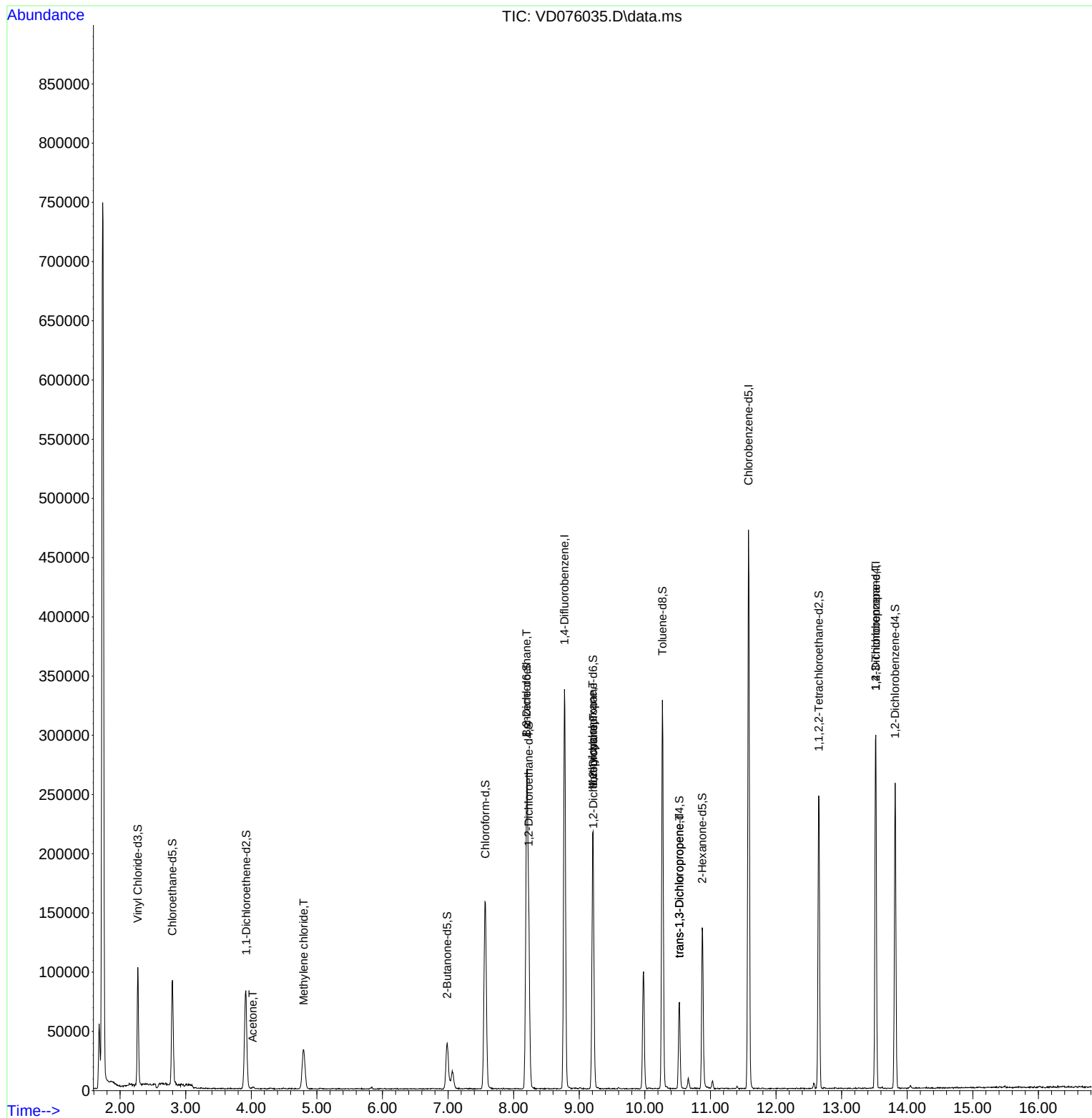
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	333176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	299514	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	90574	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	93247	12.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.040%
7) Chloroethane-d5	2.799	69	97428	15.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.720%
11) 1,1-Dichloroethene-d2	3.922	65	22173	13.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.640%
21) 2-Butanone-d5	6.987	46	65476	103.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	206.380%#
24) Chloroform-d	7.569	84	177870	21.349	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	8.228	65	95405	26.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.240%
32) Benzene-d6	8.199	84	297661	17.051	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.200%
36) 1,2-Dichloropropane-d6	9.210	67	114738	23.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	10.269	98	240858	14.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.960%
43) trans-1,3-Dichloroprop...	10.528	79	45238	22.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.875	63	48844	83.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.900%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	133003	35.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.880%#
66) 1,2-Dichlorobenzene-d4	13.816	152	77146	24.080	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.320%
Target Compounds					Qvalue	
13) Acetone	4.022	43	2213	4.076	ug/L	67
16) Methylene chloride	4.799	84	29176	4.317	ug/L	94
27) 1,2-Dichloroethane	8.199	62	1395	0.335	ug/L #	68
35) Methylcyclohexane	9.204	83	28505	3.946	ug/L #	24
37) 1,2-Dichloropropane	9.216	63	10624	2.553	ug/L #	85
44) trans-1,3-Dichloropropene	10.528	75	2158	0.406	ug/L #	80
61) 1,2,3-Trichloropropane	13.522	75	10280	7.225	ug/L #	62

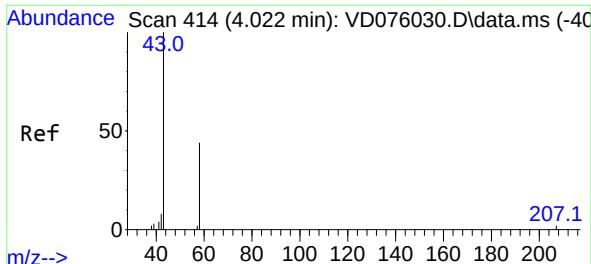
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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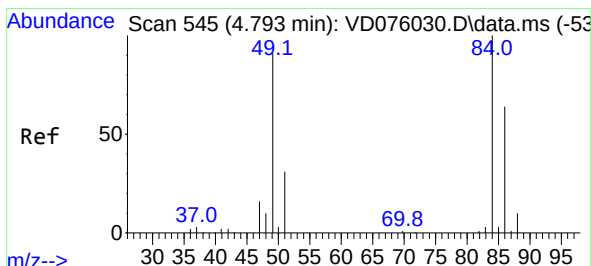
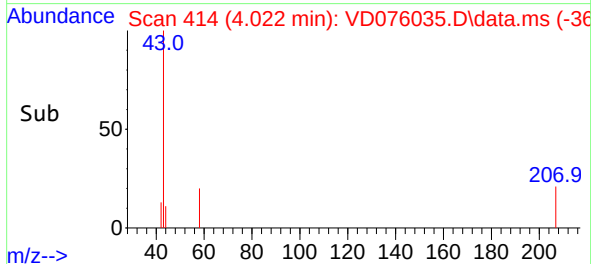
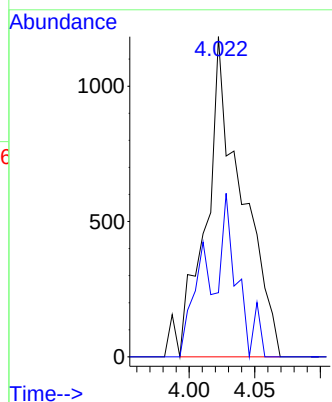
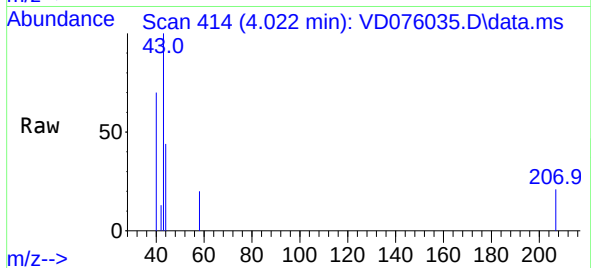




#13
Acetone
Concen: 4.076 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076035.D
Acq: 08 May 2023 13:04

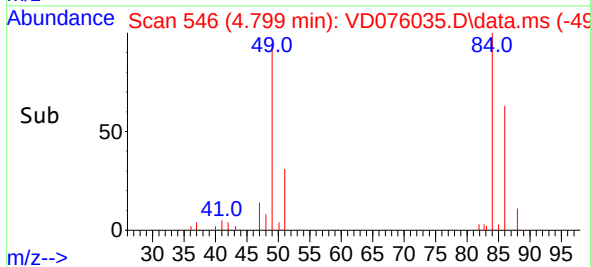
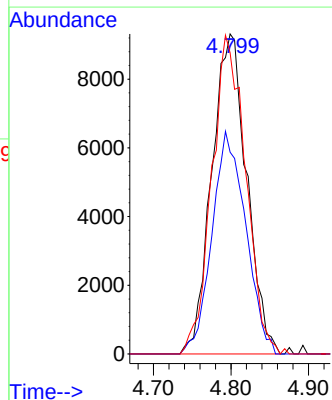
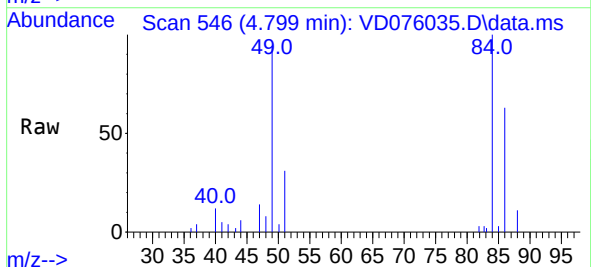
Instrument :
MSVOA_D
ClientSampleId :
JREK4

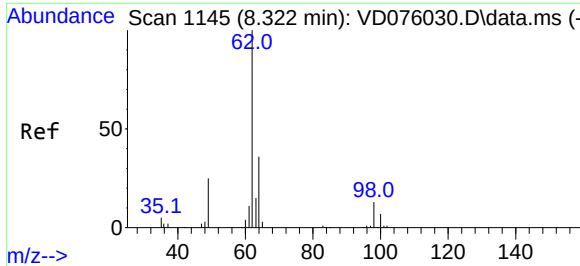
Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
58 22.1 0.0 87.4



#16
Methylene chloride
Concen: 4.317 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076035.D
Acq: 08 May 2023 13:04

Tgt Ion: 84 Resp: 29176
Ion Ratio Lower Upper
84 100
86 63.1 45.8 85.2
49 94.1 60.8 112.8

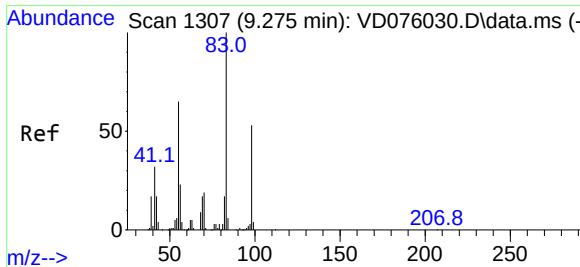
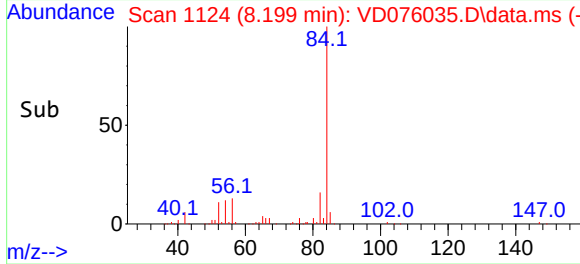
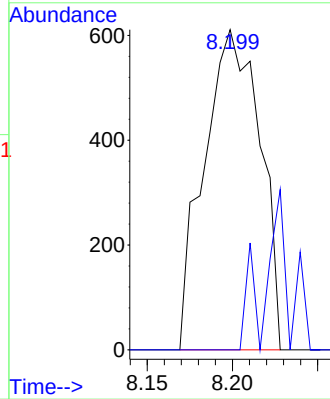
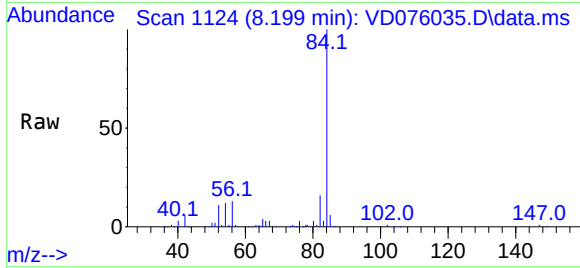




#27
1,2-Dichloroethane
Concen: 0.335 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.129 min
Lab File: VD076035.D
Acq: 08 May 2023 13:04

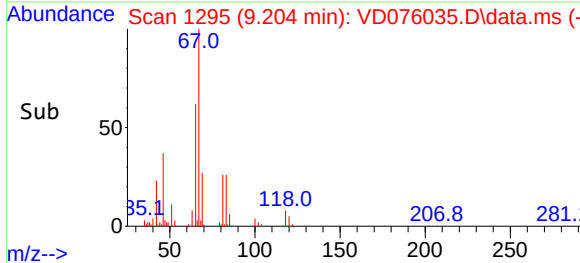
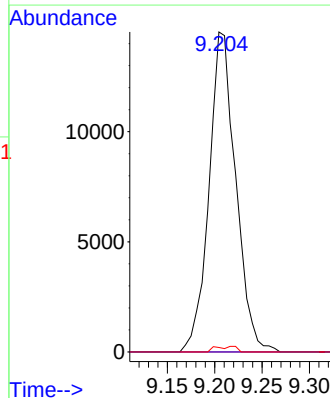
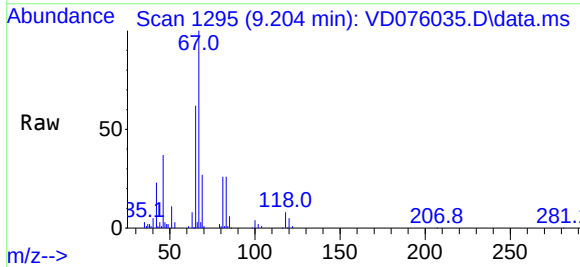
Instrument : MSVOA_D
ClientSampleId : JREK4

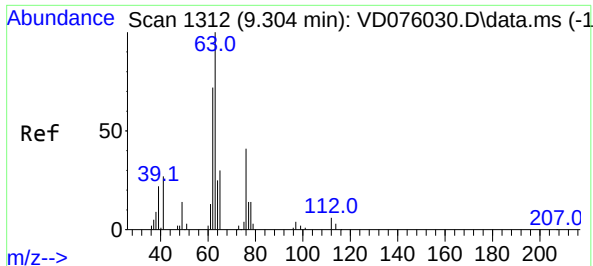
Tgt Ion:	62	Resp:	1395
Ion Ratio	Lower	Upper	
62	100		
98	0.0	10.2	15.2#



#35
Methylcyclohexane
Concen: 3.946 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD076035.D
Acq: 08 May 2023 13:04

Tgt Ion:	83	Resp:	28505
Ion Ratio	Lower	Upper	
83	100		
55	0.0	48.2	72.2#
98	0.7	40.8	61.2#

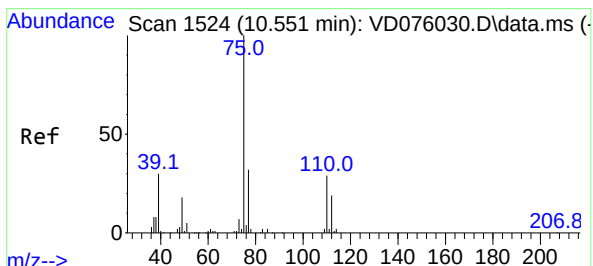
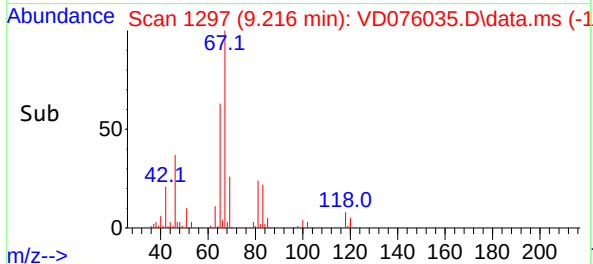
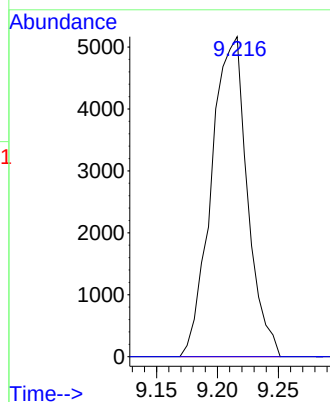
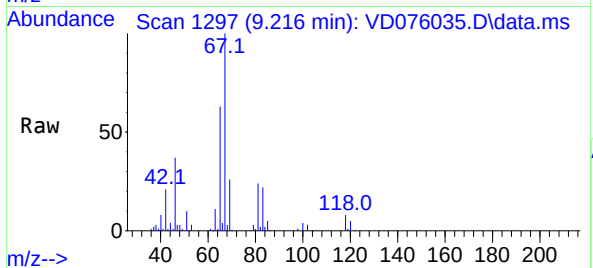




#37
1,2-Dichloropropane
Concen: 2.553 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD076035.D
Acq: 08 May 2023 13:04

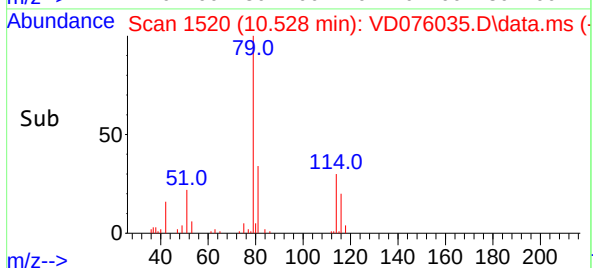
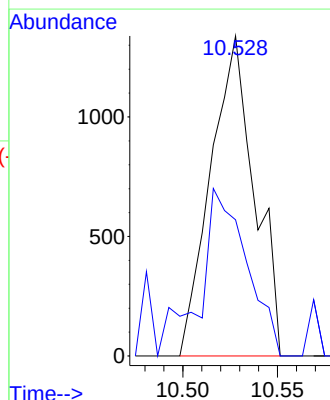
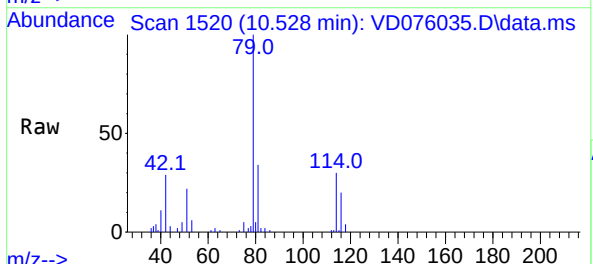
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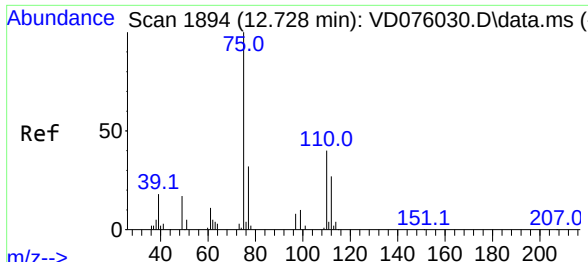
Tgt Ion: 63 Resp: 10624
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#44
trans-1,3-Dichloropropene
Concen: 0.406 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD076035.D
Acq: 08 May 2023 13:04

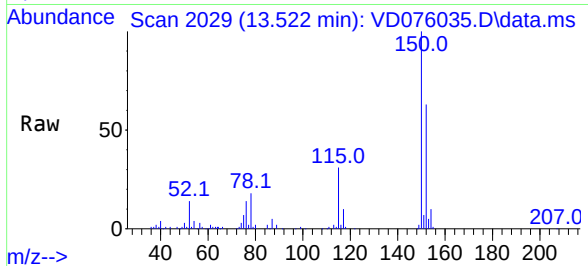
Tgt Ion: 75 Resp: 2158
Ion Ratio Lower Upper
75 100
77 42.6 22.0 41.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.225 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD076035.D
 Acq: 08 May 2023 13:04

Instrument :
 MSVOA_D
 ClientSampleId :
 JREK4



Tgt Ion: 75 Resp: 10280

Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.6	39.8
110	1.5	33.5	50.3#

