

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033023\
 Data File : VD075545.D
 Acq On : 30 Mar 2023 14:07
 Operator : KP/SY
 Sample : 02130-01
 Misc : 5.58G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 31 01:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 31 01:28:39 2023
 Response via : Initial Calibration

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

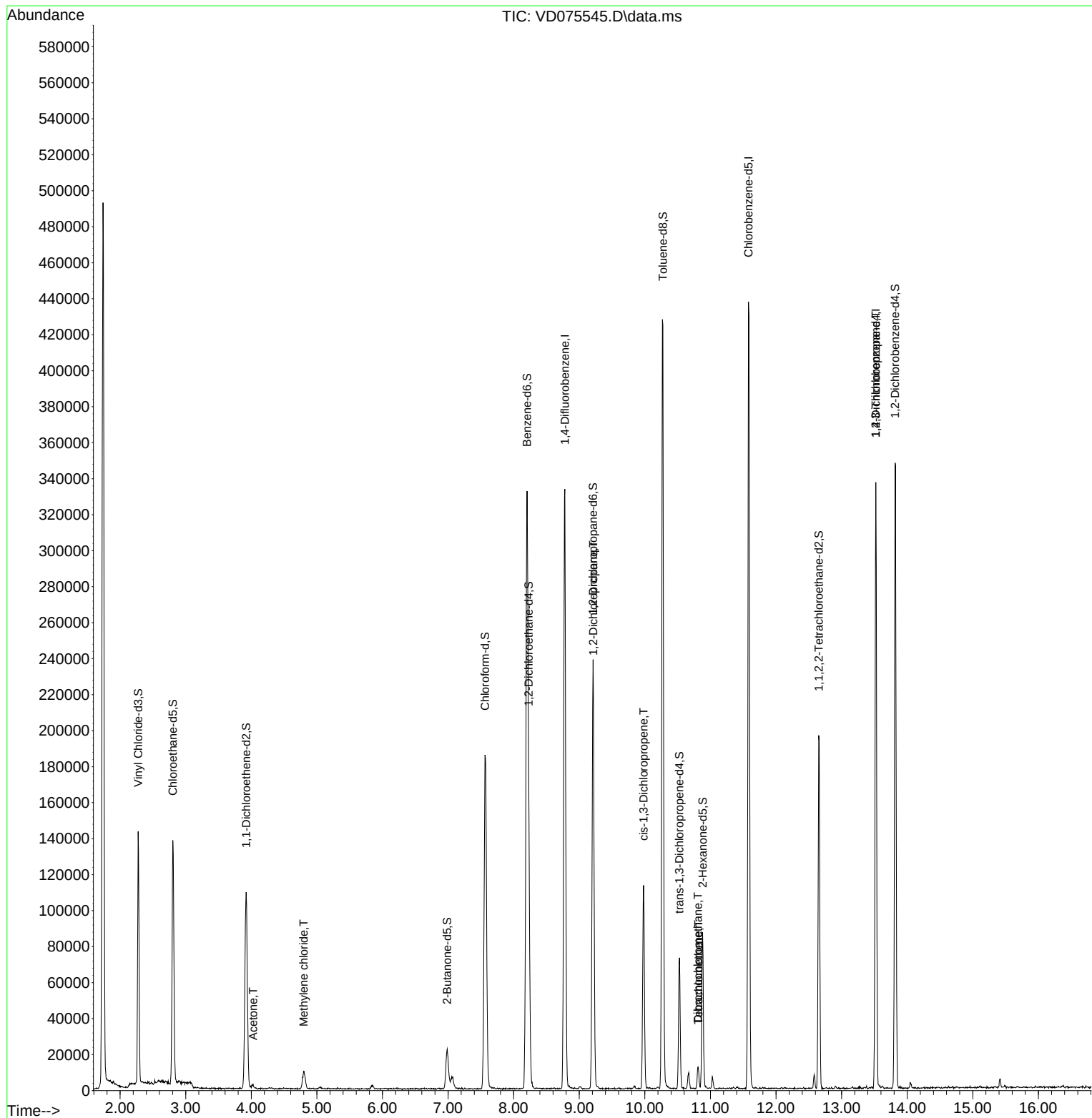
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	326157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	279927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	96269	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	132149	16.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.280%
7) Chloroethane-d5	2.805	69	148916	21.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	3.922	63	94265	12.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.840%
21) 2-Butanone-d5	6.987	46	36619	48.795	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.563	84	208425	24.384	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	8.228	65	89351	24.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.520%
32) Benzene-d6	8.204	84	376796	22.665	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	9.210	67	122374	26.045	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	10.275	98	328660	21.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.528	79	44876	23.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.480%
47) 2-Hexanone-d5	10.881	63	32555	48.028	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	103979	26.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	99613	29.582	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.320%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	1683	1.985	ug/L	72
16) Methylene chloride	4.799	84	8582	1.246	ug/L	87
37) 1,2-Dichloropropane	9.216	63	12823	2.594	ug/L #	86
39) cis-1,3-Dichloropropene	9.981	75	3309	0.437	ug/L #	61
46) Tetrachloroethene	10.816	164	3367	0.836	ug/L #	85
49) Dibromochloromethane	10.810	129	2860	0.663	ug/L #	11
61) 1,2,3-Trichloropropane	13.522	75	11092	5.748	ug/L #	64

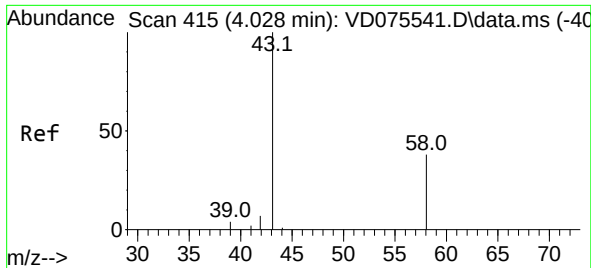
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Mar 31 01:28:39 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.985 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD075545.D

Acq: 30 Mar 2023 14:07

Instrument :

MSVOA_D

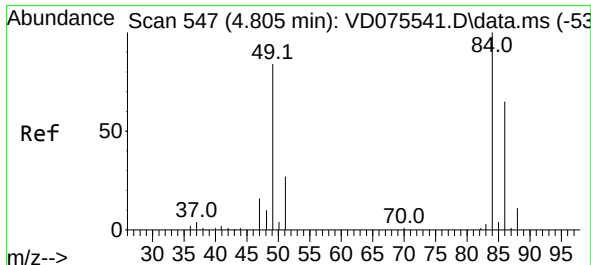
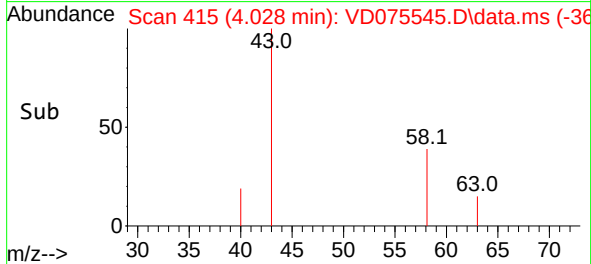
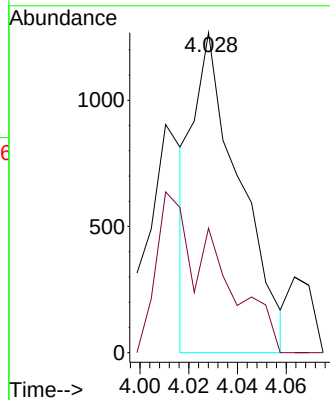
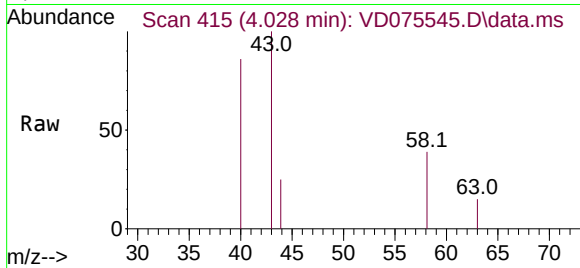
ClientSampleId :

Tgt Ion: 43 Resp: 1683

Ion Ratio Lower Upper

43 100

58 20.6 0.0 75.4



#16

Methylene chloride

Concen: 1.246 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075545.D

Acq: 30 Mar 2023 14:07

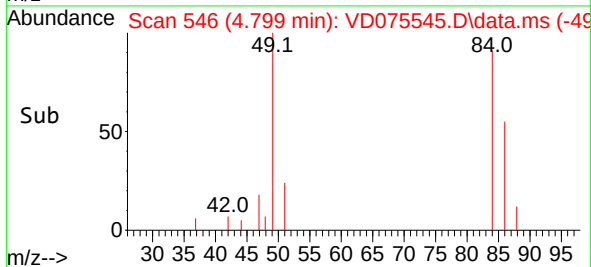
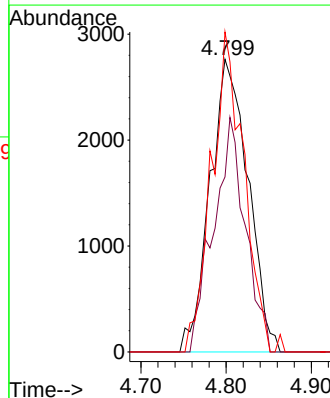
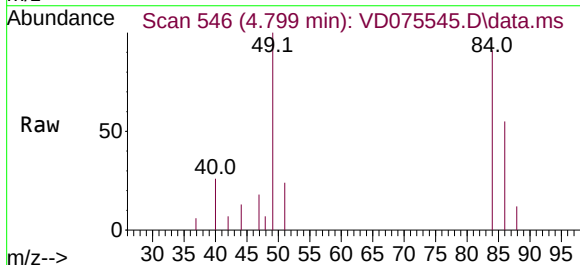
Tgt Ion: 84 Resp: 8582

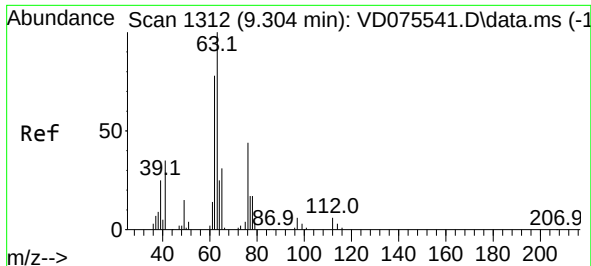
Ion Ratio Lower Upper

84 100

86 59.8 44.2 82.2

49 109.4 63.6 118.2





#37

1,2-Dichloropropane

Concen: 2.594 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.088 min

Lab File: VD075545.D

Acq: 30 Mar 2023 14:07

Instrument :

MSVOA_D

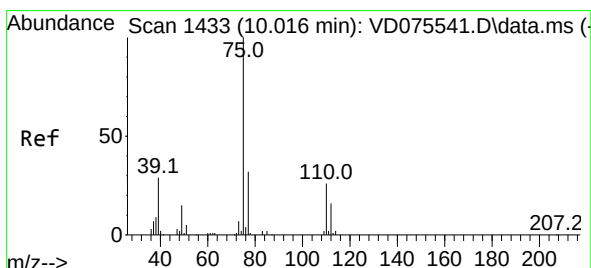
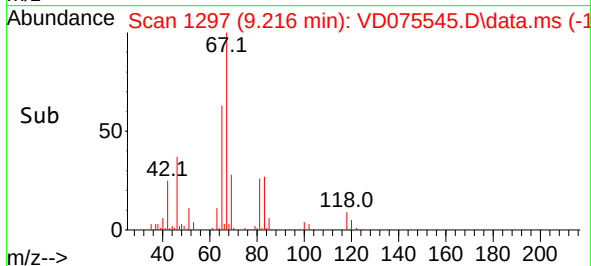
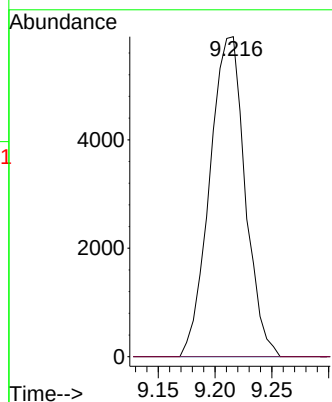
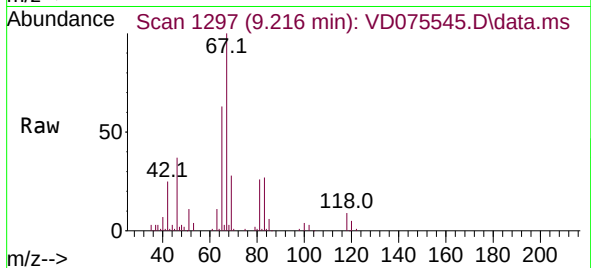
ClientSampleId :

Tgt Ion: 63 Resp: 12823

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD075545.D

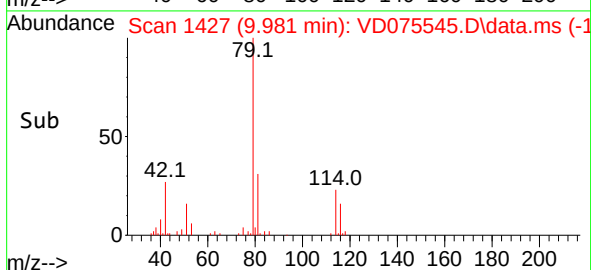
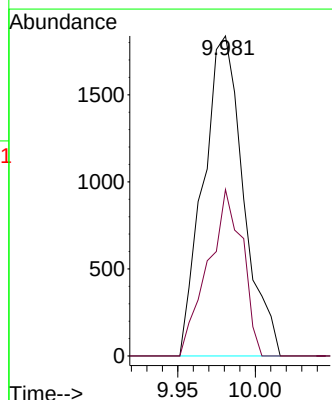
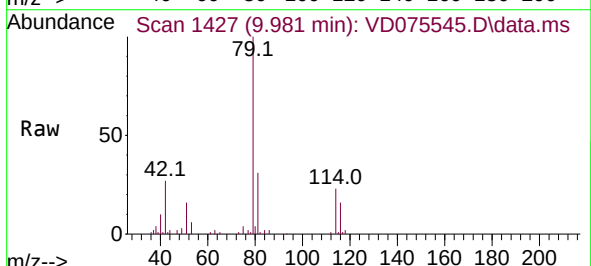
Acq: 30 Mar 2023 14:07

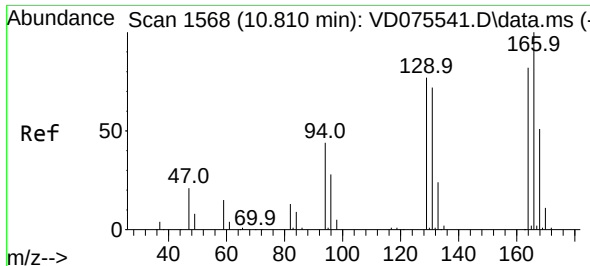
Tgt Ion: 75 Resp: 3309

Ion Ratio Lower Upper

75 100

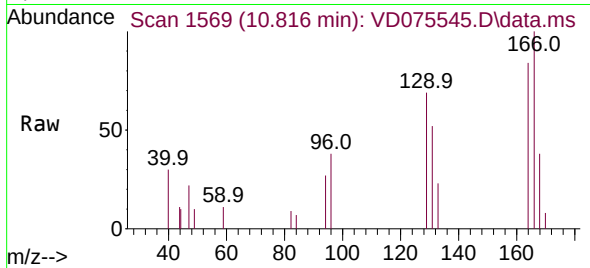
77 52.0 21.6 40.0#



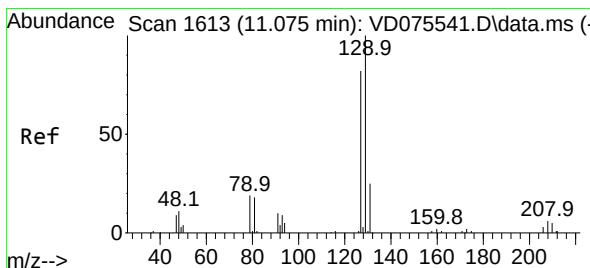
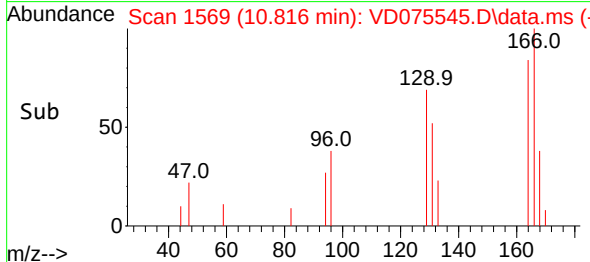
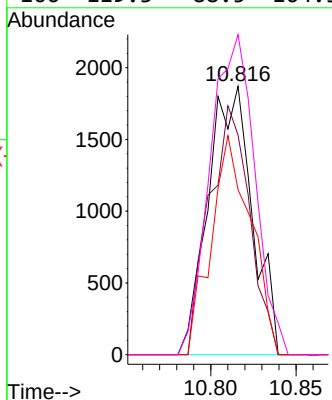


#46
Tetrachloroethene
Concen: 0.836 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075545.D
Acq: 30 Mar 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :

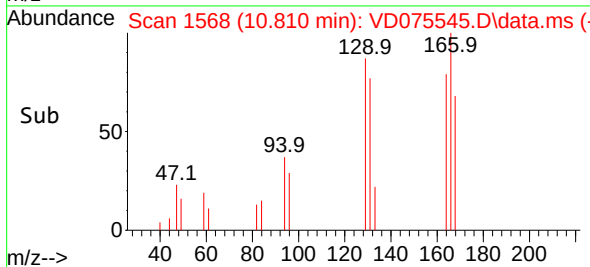
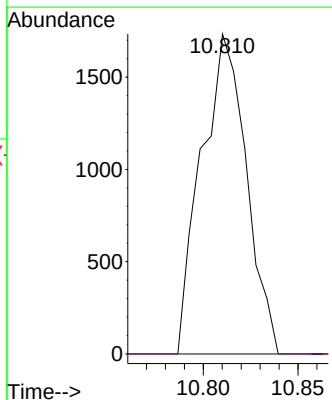
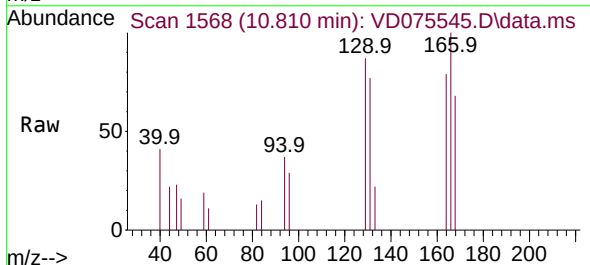


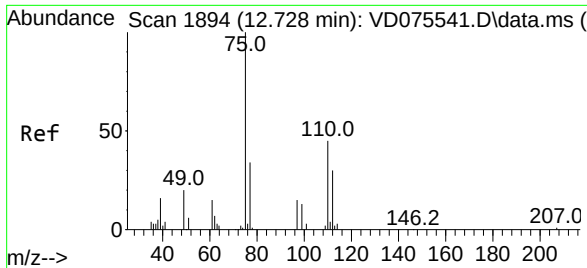
Tgt Ion:164 Resp: 3367
Ion Ratio Lower Upper
164 100
129 81.9 65.4 121.4
131 61.4 64.1 119.1#
166 119.3 88.5 164.3



#49
Dibromochloromethane
Concen: 0.663 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075545.D
Acq: 30 Mar 2023 14:07

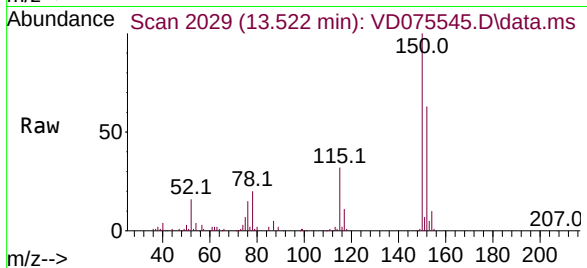
Tgt Ion:129 Resp: 2860
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#61
 1,2,3-Trichloropropane
 Concen: 5.748 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075545.D
 Acq: 30 Mar 2023 14:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	11092
Ion Ratio	Lower	Upper
75	100	
77	32.1	26.2 39.4
110	1.3	33.2 49.8#

