

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074129.D
 Acq On : 17 Aug 2022 17:35
 Operator : VA/SY
 Sample : N4188-01
 Misc : 12.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S4

Quant Time: Aug 18 03:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	132088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	238212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	212616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	84976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	56521	58.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.620%
35) Dibromofluoromethane	7.903	113	73657	48.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.332	98	159834	34.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.160%
62) 4-Bromofluorobenzene	12.620	95	71714	37.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.160%

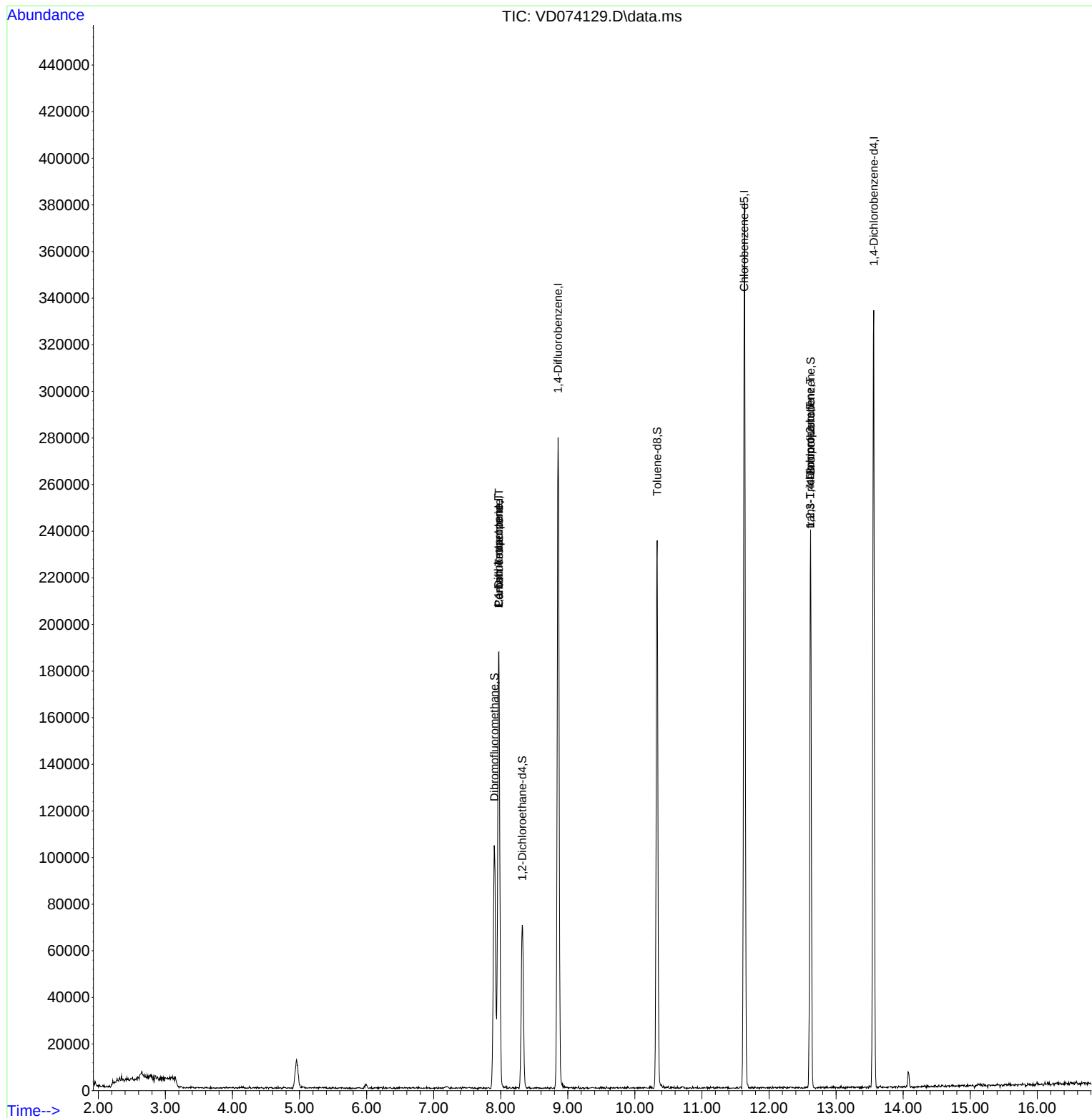
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.203	50	257	Below Cal	#	40
9) 1,1,2-Trichlorotrifluo...	4.121	101	56	Below Cal	#	20
16) Acetone	4.162	43	687	Below Cal	#	47
18) Methyl Acetate	4.738	43	60	Below Cal	#	55
20) Methylene Chloride	4.950	84	9487	Below Cal	#	75
31) Cyclohexane	7.962	56	3445	Below Cal	#	25
36) 1,1-Dichloropropene	7.967	75	11088	5.341	ug/l #	52
38) Carbon Tetrachloride	7.973	117	14163	5.912	ug/l #	18
76) 1,2,3-Trichloropropane	12.614	75	38316	50.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	38316	141.123	ug/l #	7

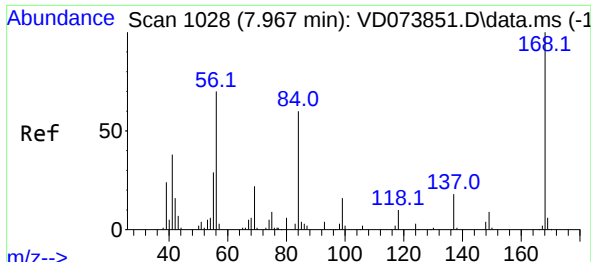
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 2022
Response via : Initial Calibration

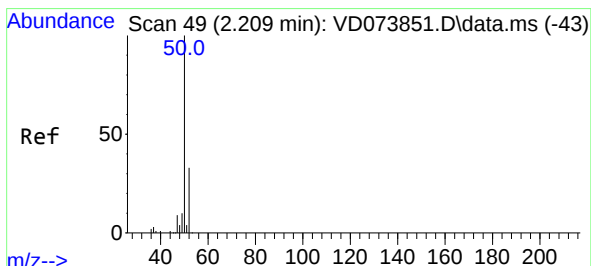
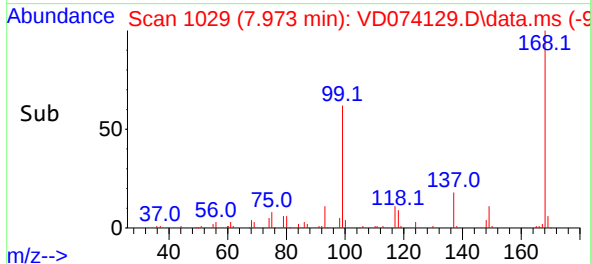
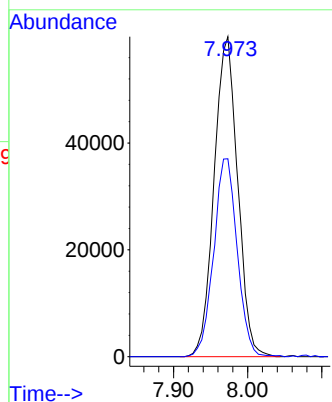
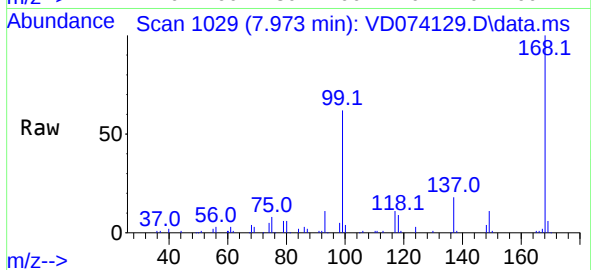




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

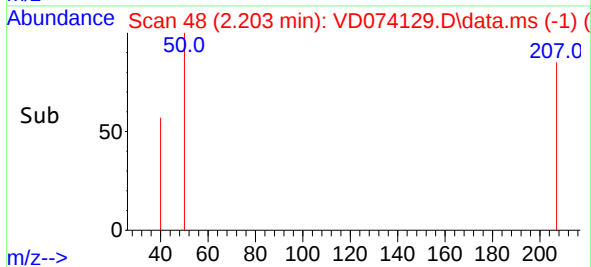
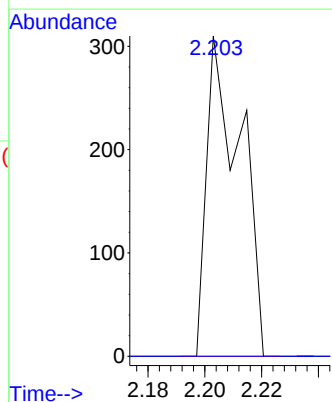
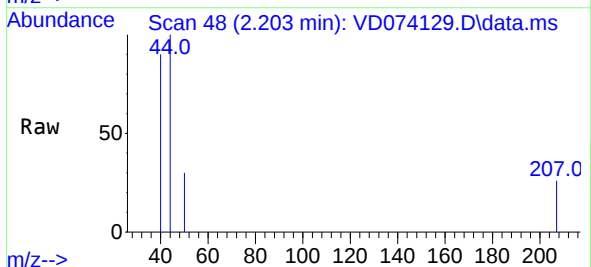
Instrument :
MSVOA_D
ClientSampleId :
S4

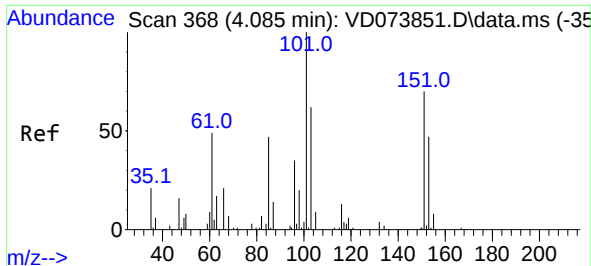
Tgt Ion:168 Resp: 132088
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

Tgt Ion: 50 Resp: 257
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

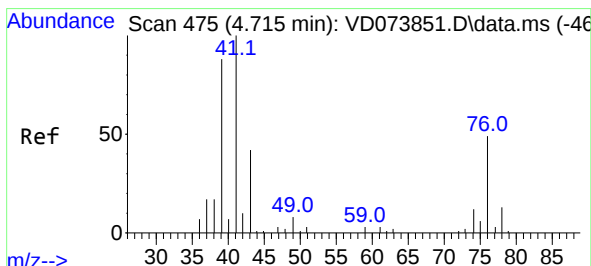
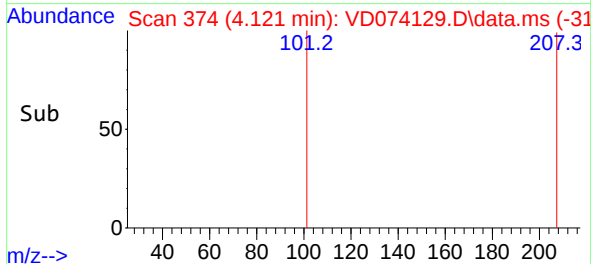
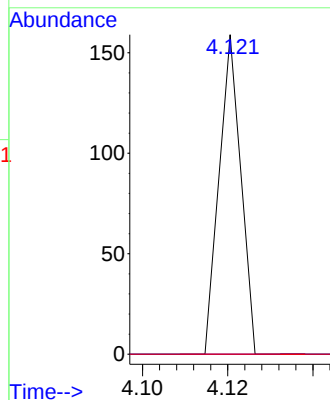
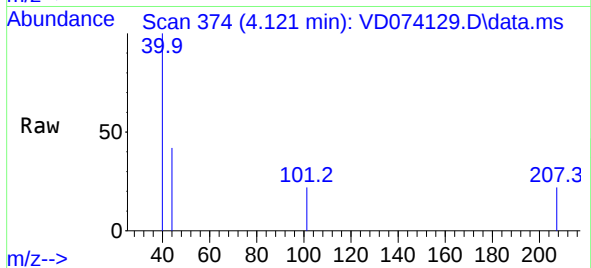




#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 4.121 min Scan# 31
Delta R.T. 0.036 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

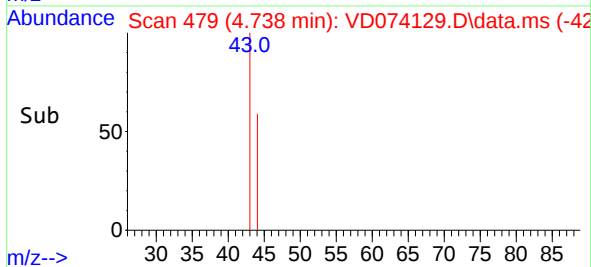
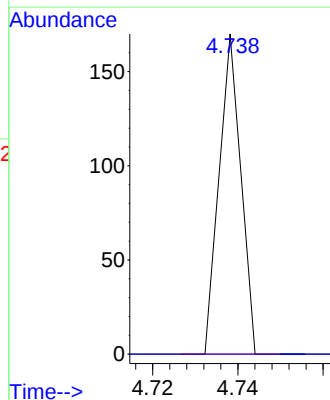
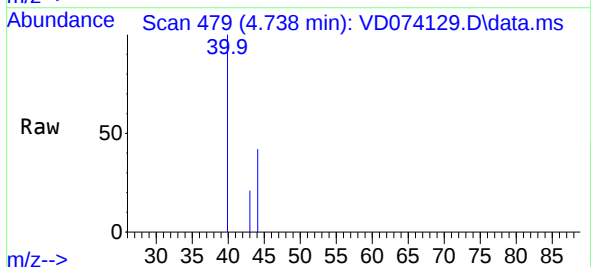
Instrument :
MSVOA_D
ClientSampleId :
S4

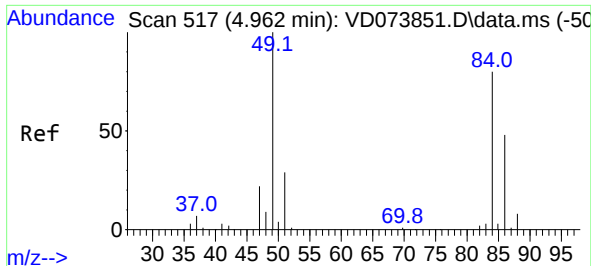
Tgt Ion:101 Resp: 56
Ion Ratio Lower Upper
101 100
85 0.0 36.4 54.6#
151 0.0 57.3 85.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 479
Delta R.T. 0.023 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.950 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD074129.D

Acq: 17 Aug 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

S4

Tgt Ion: 84 Resp: 9487

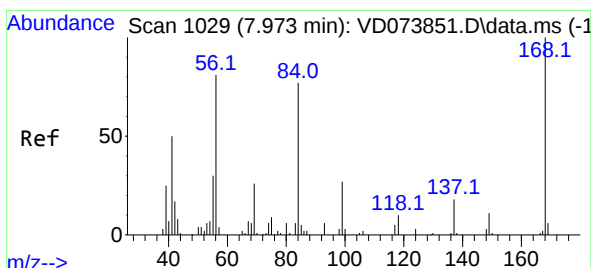
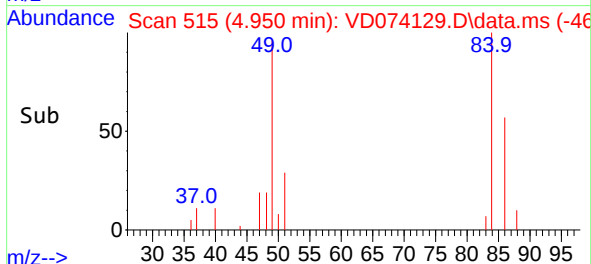
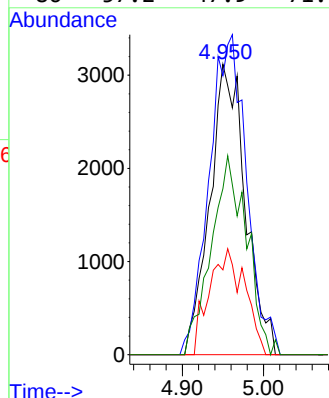
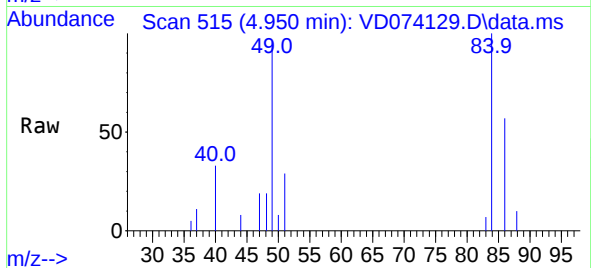
Ion Ratio Lower Upper

84 100

49 96.1 112.8 169.2#

51 29.2 32.6 48.8#

86 57.2 47.9 71.9



#31

Cyclohexane

Concen: Below Cal

RT: 7.962 min Scan# 1027

Delta R.T. -0.011 min

Lab File: VD074129.D

Acq: 17 Aug 2022 17:35

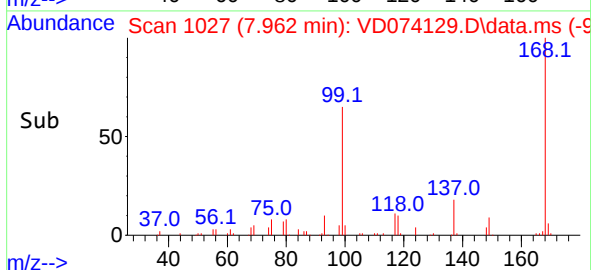
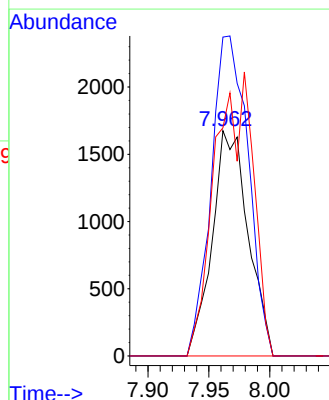
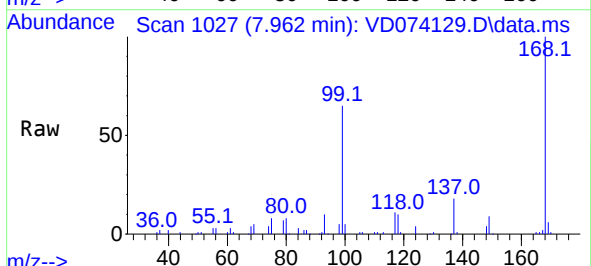
Tgt Ion: 56 Resp: 3445

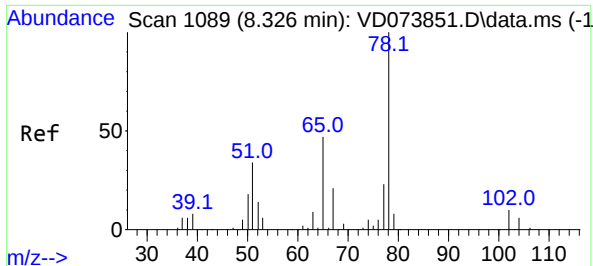
Ion Ratio Lower Upper

56 100

69 141.5 25.4 38.2#

84 101.3 63.0 94.4#

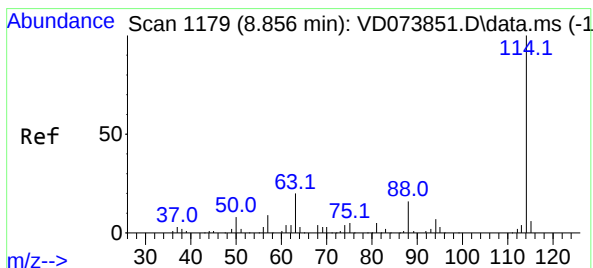
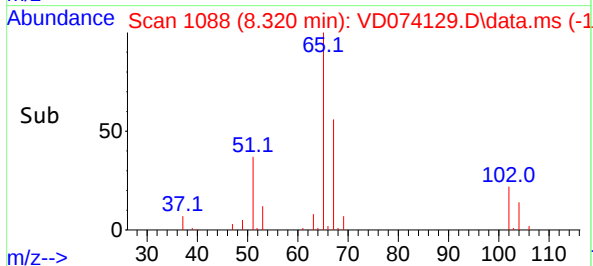
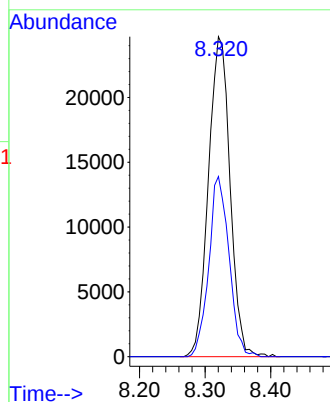
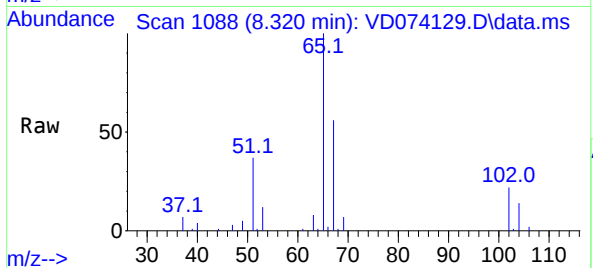




#33
1,2-Dichloroethane-d4
Concen: 58.806 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

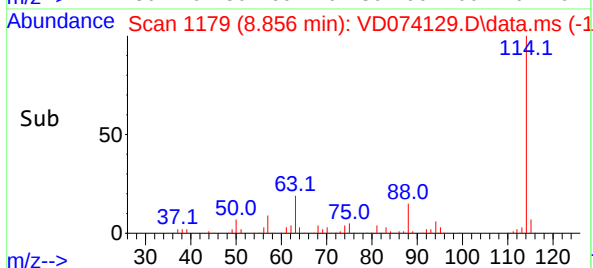
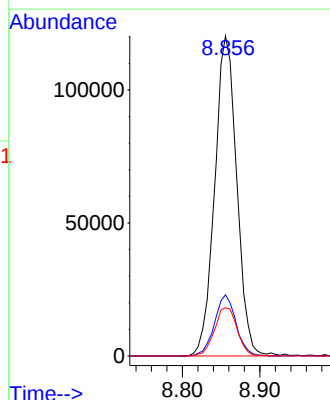
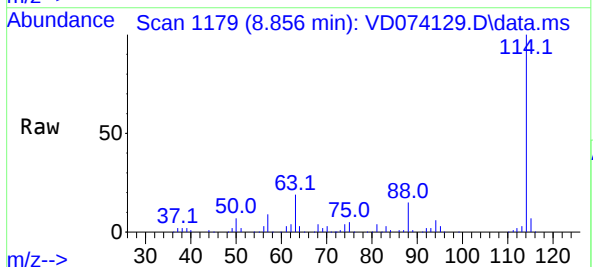
Instrument :
MSVOA_D
ClientSampleId :
S4

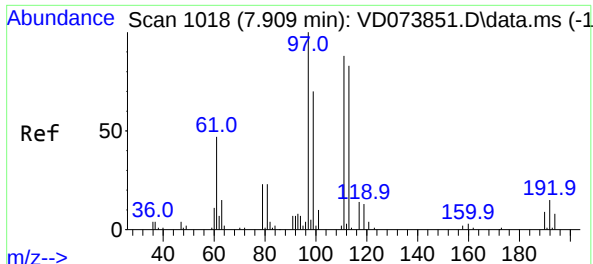
Tgt Ion: 65 Resp: 56521
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

Tgt Ion: 114 Resp: 238212
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 15.1 0.0 33.2

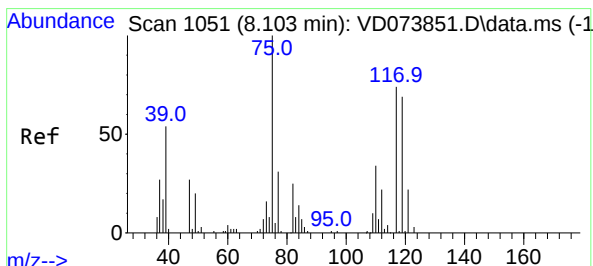
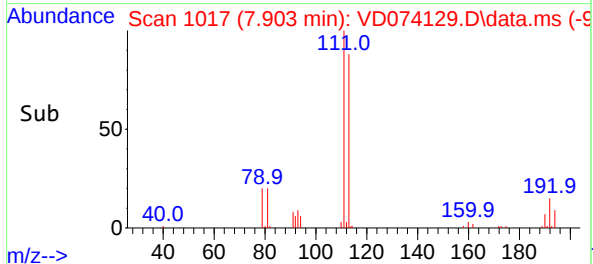
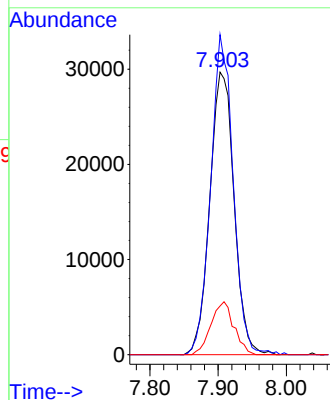
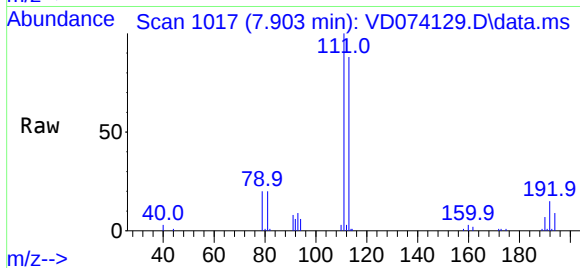




#35
Dibromofluoromethane
Concen: 48.388 ug/l
RT: 7.903 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

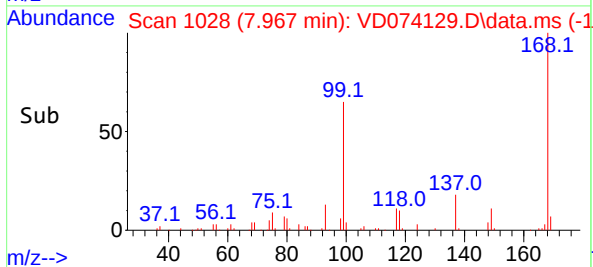
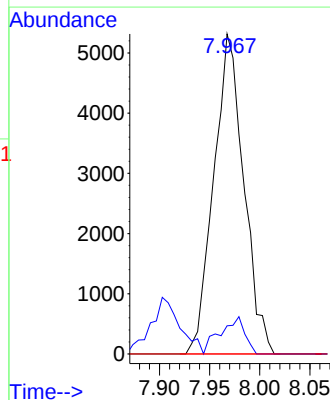
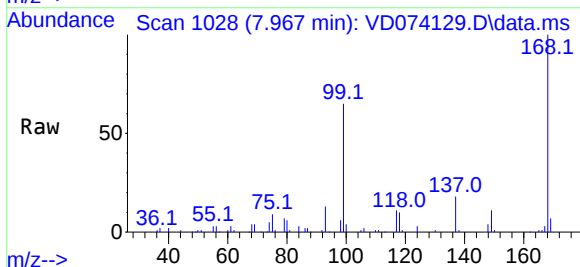
Instrument :
MSVOA_D
ClientSampleId :
S4

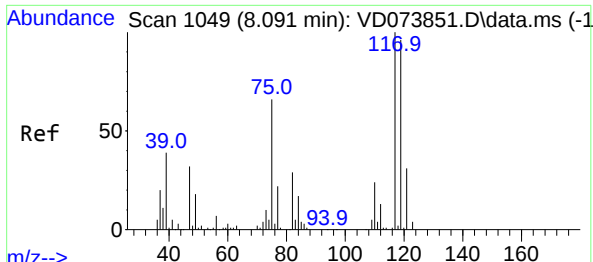
Tgt Ion:	113	Resp:	73657
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.8	125.6
192	17.7	14.6	21.8



#36
1,1-Dichloropropene
Concen: 5.341 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

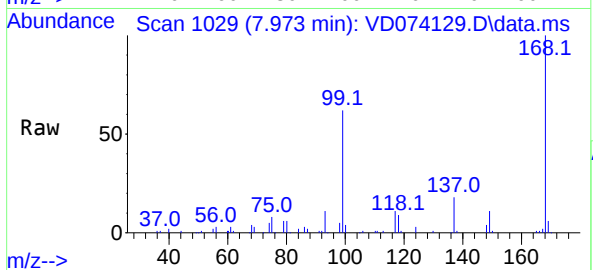
Tgt Ion:	75	Resp:	11088
Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.4	49.1#
77	0.0	24.2	36.2#



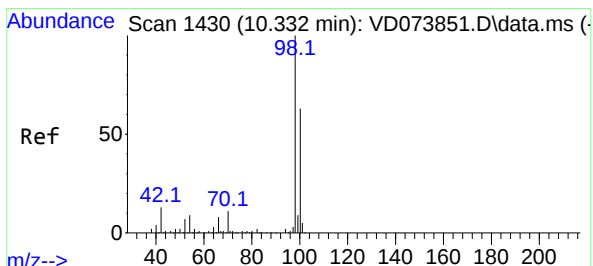
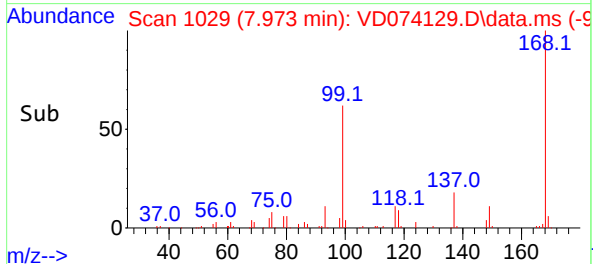
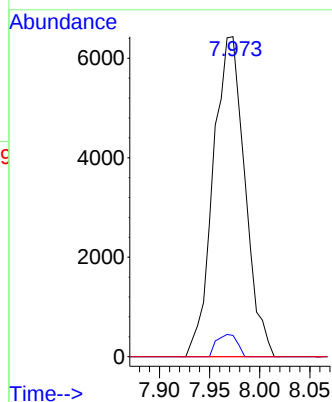


#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

Instrument :
MSVOA_D
ClientSampleId :
S4

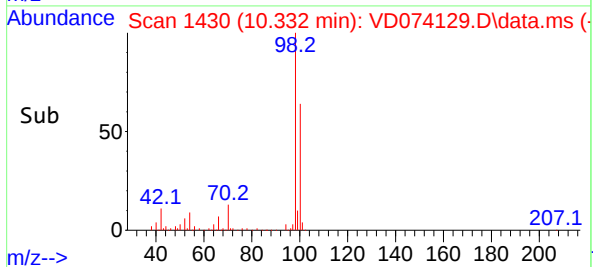
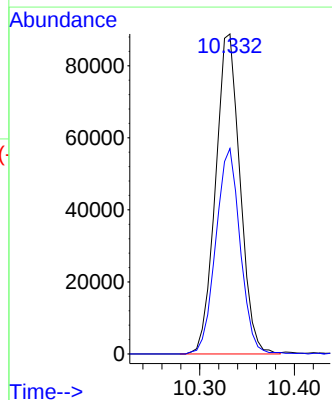
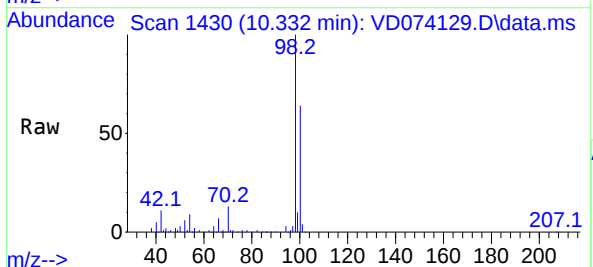


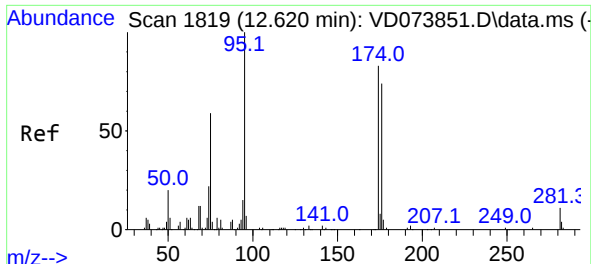
Tgt Ion:117 Resp: 14163
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 34.583 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

Tgt Ion: 98 Resp: 159834
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6

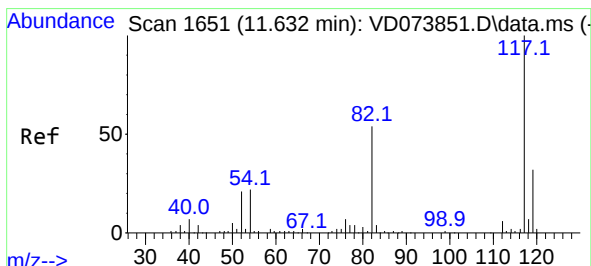
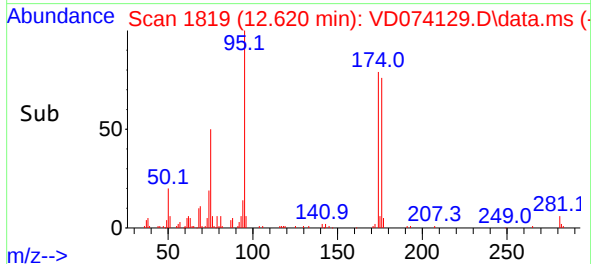
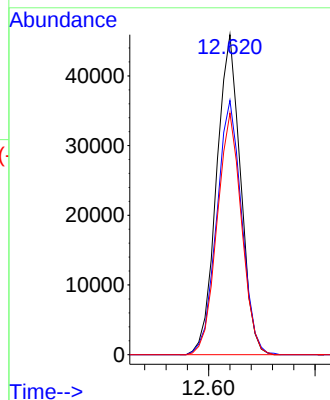
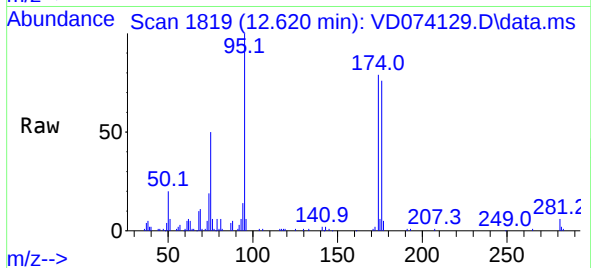




#62
4-Bromofluorobenzene
Concen: 37.576 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

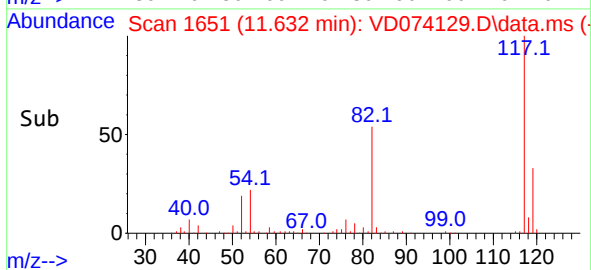
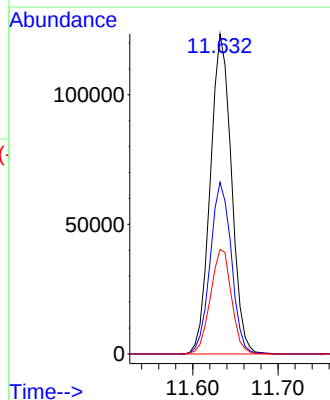
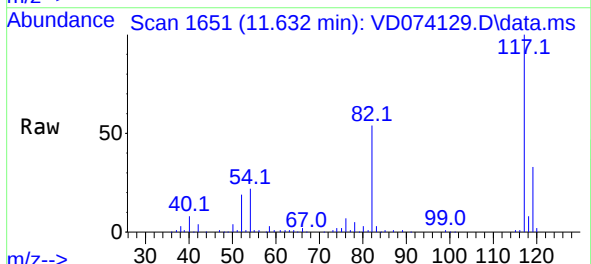
Instrument :
MSVOA_D
ClientSampleId :
S4

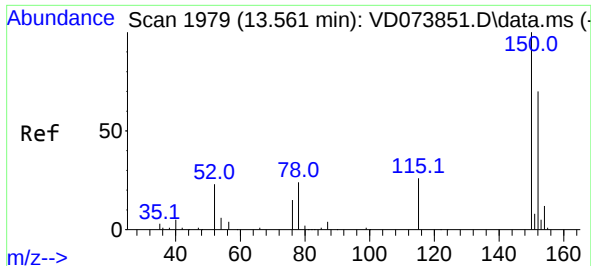
Tgt Ion:	95	Resp:	71714
Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	152.8
176	76.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

Tgt Ion:	117	Resp:	212616
Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.3	67.9
119	32.6	26.6	40.0

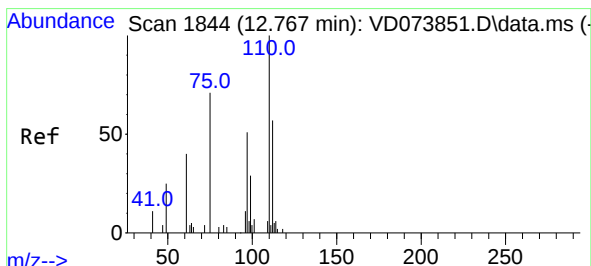
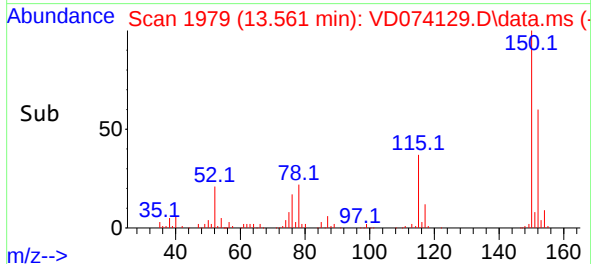
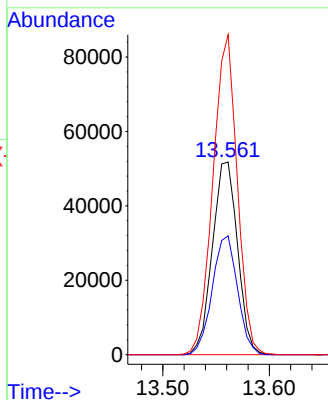
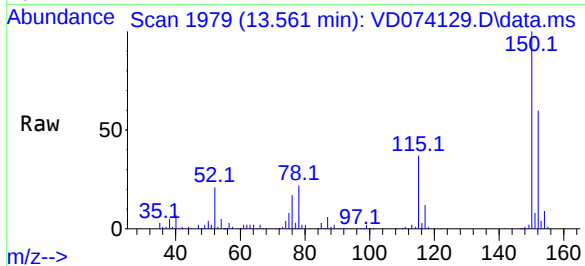




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

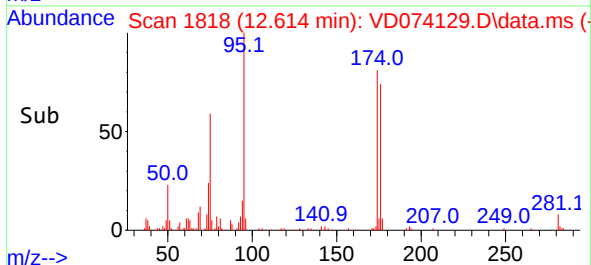
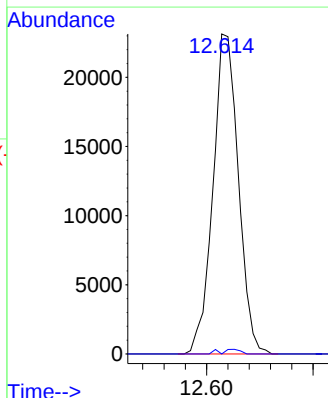
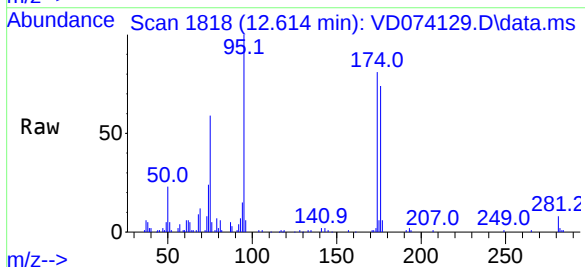
Instrument :
MSVOA_D
ClientSampleId :
S4

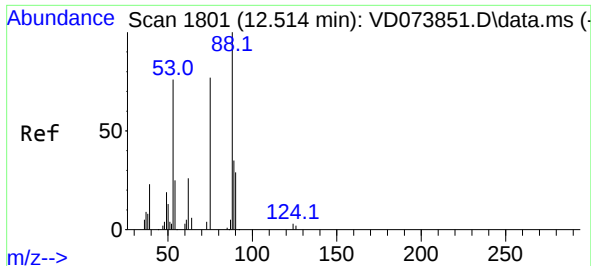
Tgt Ion:152 Resp: 84976
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 160.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 50.602 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074129.D
Acq: 17 Aug 2022 17:35

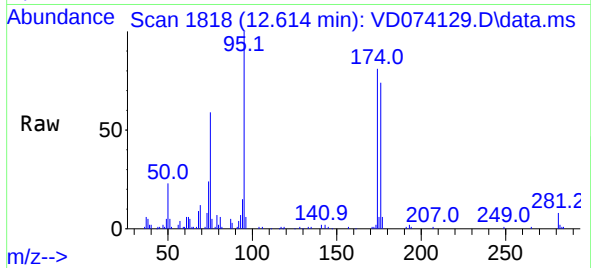
Tgt Ion: 75 Resp: 38316
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.123 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074129.D
 Acq: 17 Aug 2022 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 S4



Tgt Ion: 75 Resp: 38316
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

