

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040623\
 Data File : VD075591.D
 Acq On : 06 Apr 2023 12:54
 Operator : KP/SY
 Sample : 02193-01RE
 Misc : 4.51G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C4

Quant Time: Apr 07 01:25:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

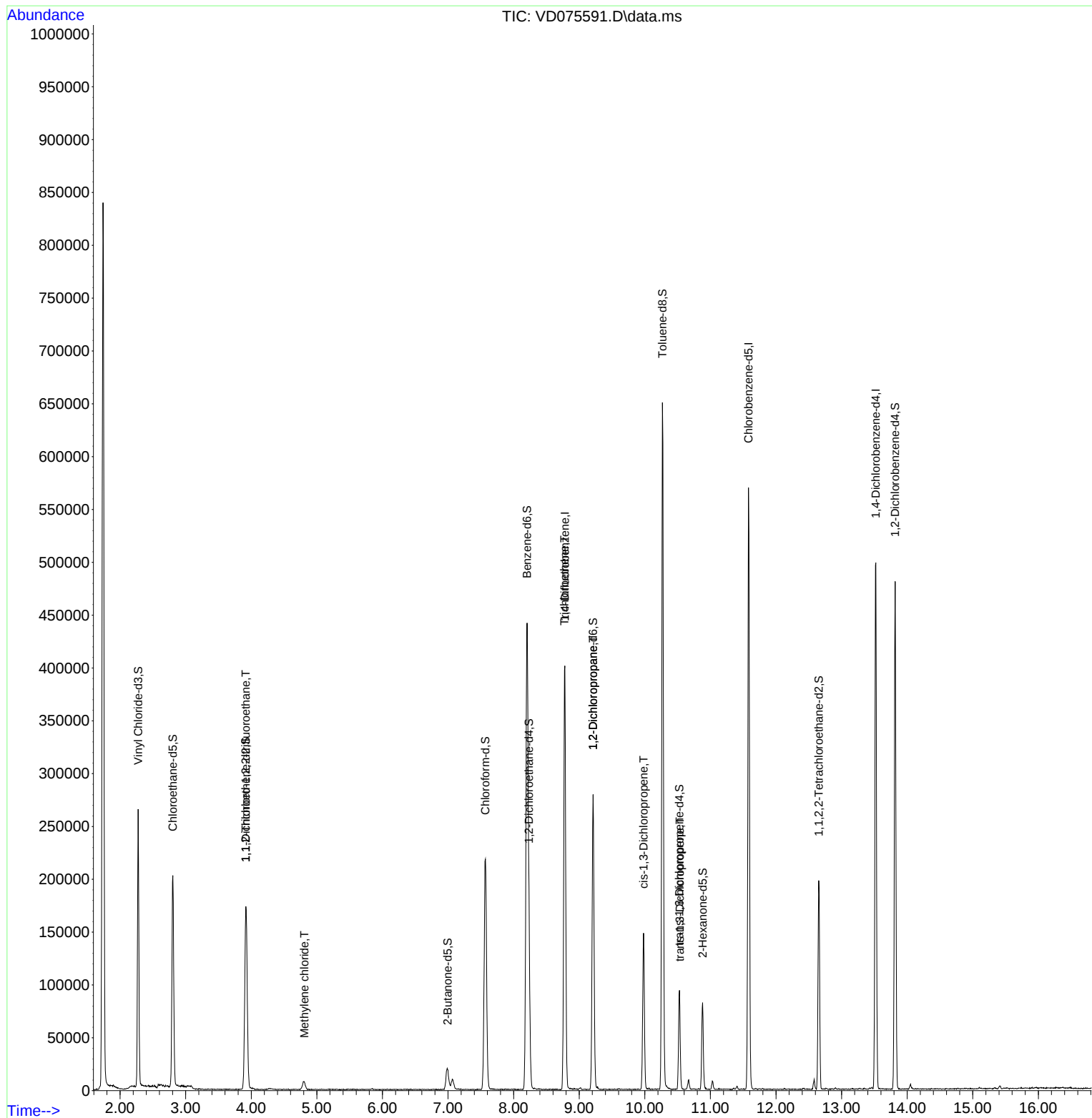
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	390202	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	354368	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	240771	26.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.000%
7) Chloroethane-d5	2.805	69	223751	27.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.720%
11) 1,1-Dichloroethene-d2	3.917	63	151382	20.658	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.640%
21) 2-Butanone-d5	6.993	46	34385	58.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.240%
24) Chloroform-d	7.569	84	243498	26.468	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.880%
26) 1,2-Dichloroethane-d4	8.234	65	105980	25.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	8.205	84	510531	24.643	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.560%
36) 1,2-Dichloropropane-d6	9.210	67	143138	25.925	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	10.269	98	473361	24.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.528	79	56786	24.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.680%
47) 2-Hexanone-d5	10.881	63	30336	46.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105300	25.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	136600	27.858	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.440%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1794	0.398	ug/L #	22
16) Methylene chloride	4.811	84	3661	0.683	ug/L	97
34) Trichloroethene	8.775	95	10082	1.973	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	14084	3.283	ug/L #	82
39) cis-1,3-Dichloropropene	9.981	75	3792	0.557	ug/L #	72
44) trans-1,3-Dichloropropene	10.534	75	2560	0.443	ug/L	92

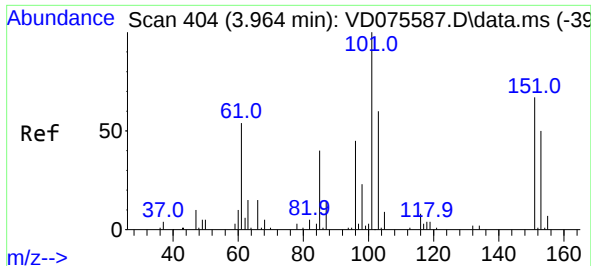
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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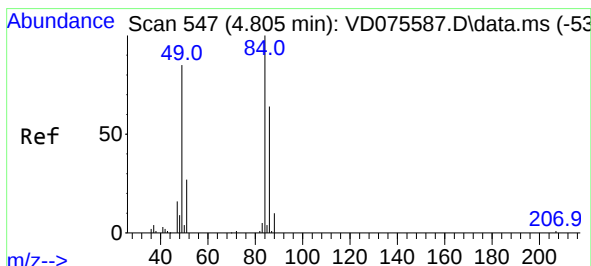
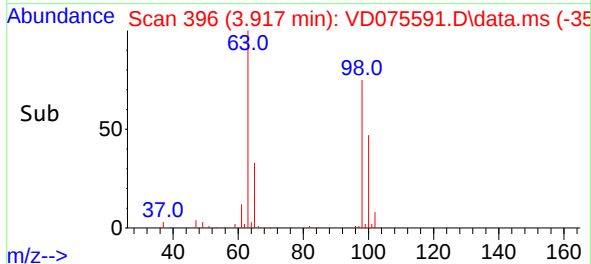
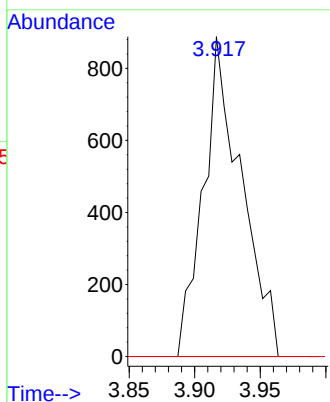
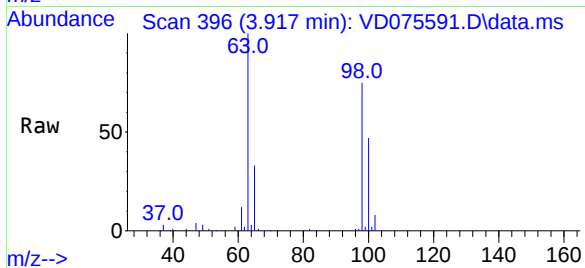




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.398 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.053 min
Lab File: VD075591.D
Acq: 06 Apr 2023 12:54

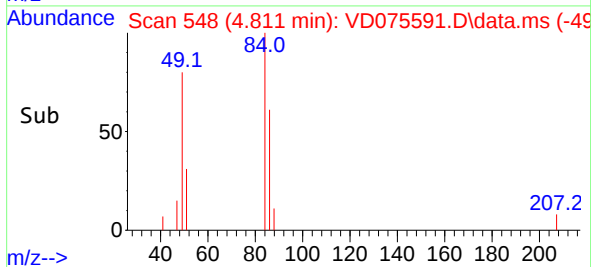
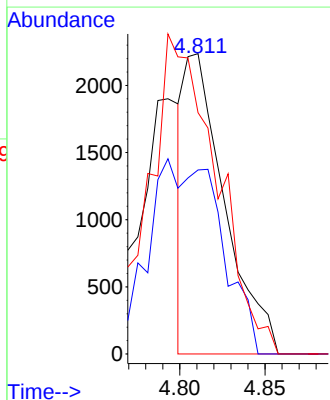
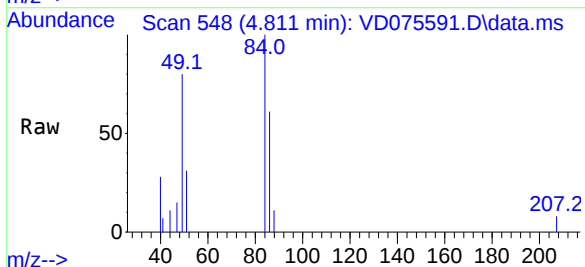
Instrument :
MSVOA_D
ClientSampleId :
C11C4

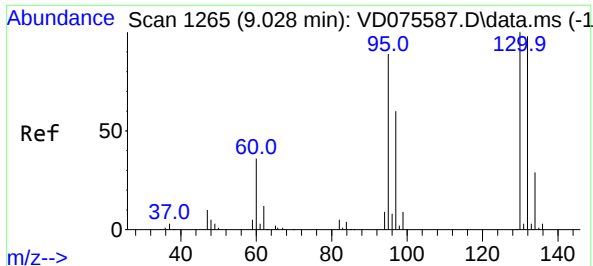
Tgt Ion:101 Resp: 1794
Ion Ratio Lower Upper
101 100
85 0.0 33.4 50.0#
151 0.0 55.8 83.8#



#16
Methylene chloride
Concen: 0.683 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075591.D
Acq: 06 Apr 2023 12:54

Tgt Ion: 84 Resp: 3661
Ion Ratio Lower Upper
84 100
86 61.3 44.4 82.4
49 80.4 58.5 108.7



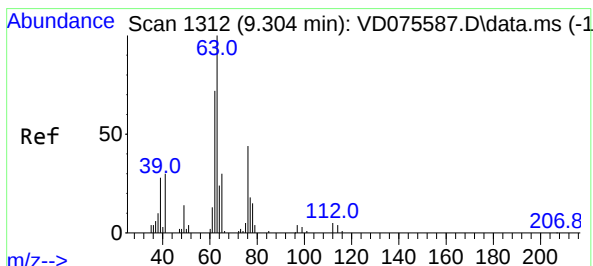
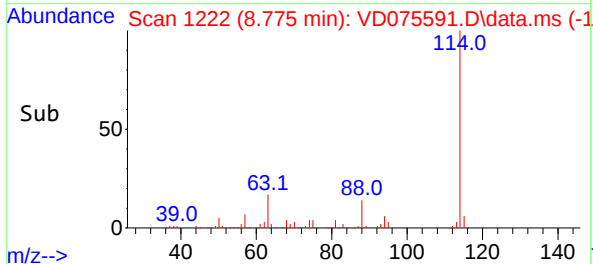
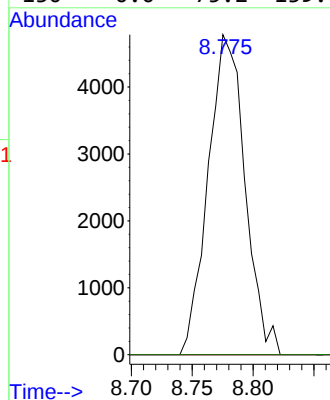
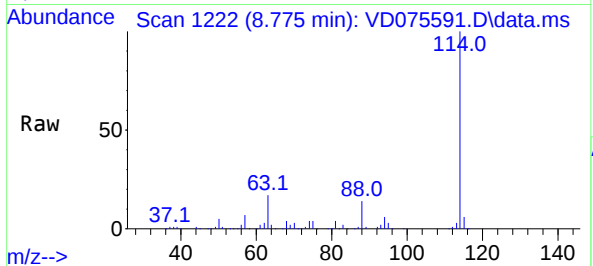


#34
Trichloroethene
Concen: 1.973 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.252 min
Lab File: VD075591.D
Acq: 06 Apr 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :
C11C4

Tgt Ion: 95 Resp: 10082

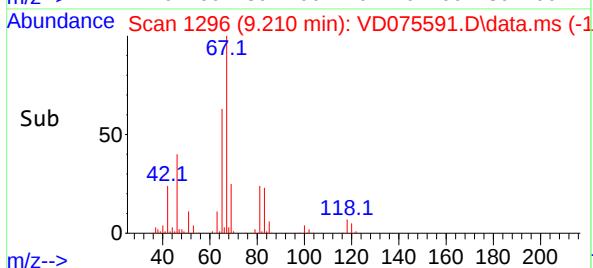
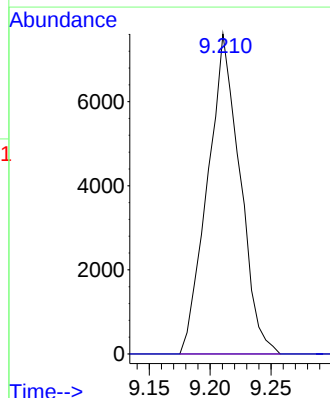
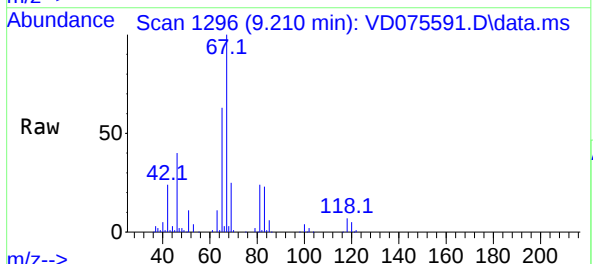
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	71.2	132.2#
130	0.0	75.2	139.6#

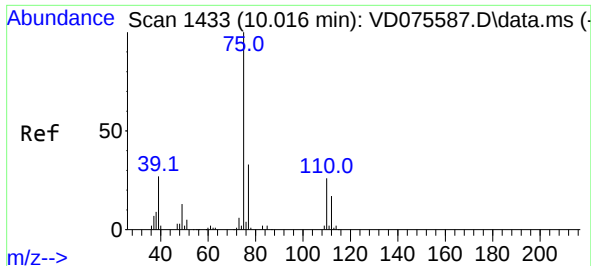


#37
1,2-Dichloropropane
Concen: 3.283 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075591.D
Acq: 06 Apr 2023 12:54

Tgt Ion: 63 Resp: 14084

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#

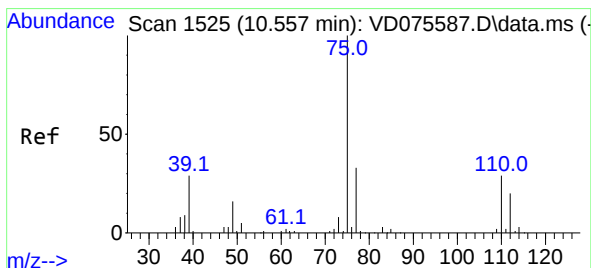
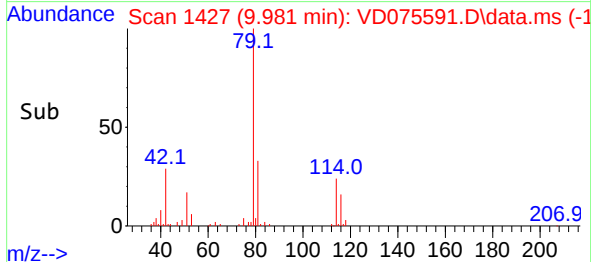
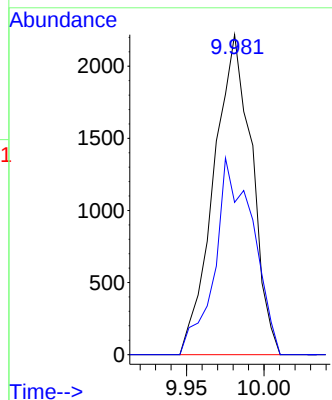
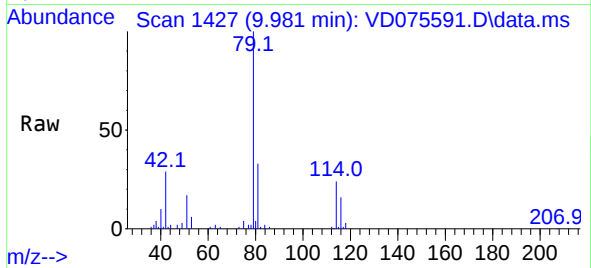




#39
cis-1,3-Dichloropropene
Concen: 0.557 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD075591.D
Acq: 06 Apr 2023 12:54

Instrument :
MSVOA_D
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Tgt Ion: 75 Resp: 3792
Ion Ratio Lower Upper
75 100
77 47.6 22.5 41.7#



#44
trans-1,3-Dichloropropene
Concen: 0.443 ug/L
RT: 10.534 min Scan# 1521
Delta R.T. -0.023 min
Lab File: VD075591.D
Acq: 06 Apr 2023 12:54

Tgt Ion: 75 Resp: 2560
Ion Ratio Lower Upper
75 100
77 35.8 22.1 41.1

