

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039519.D
 Acq On : 10 Dec 2025 10:19
 Operator : SY/MD
 Sample : Q3787-22
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 00:05:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

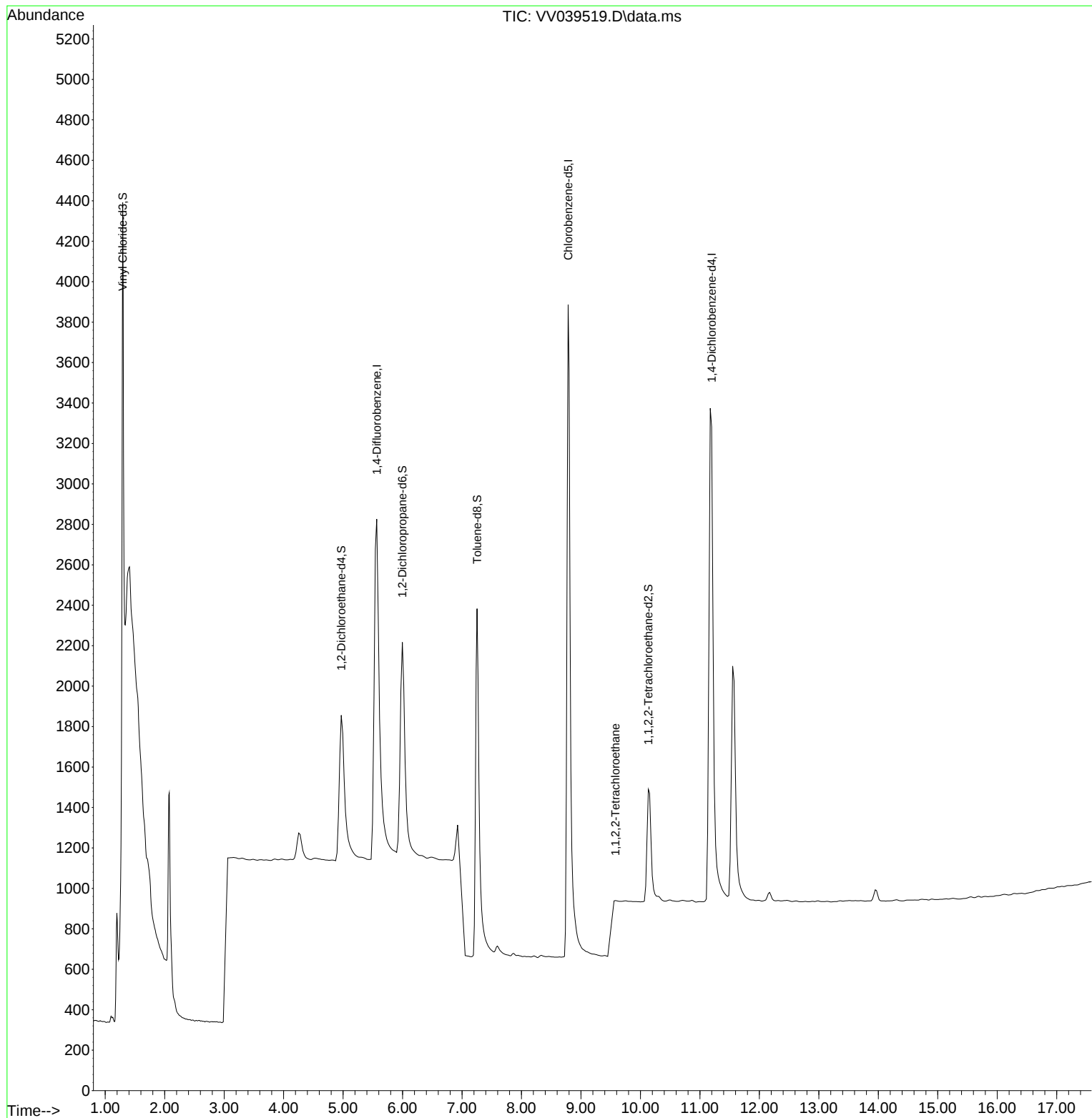
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7644	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7099	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3705	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3693	0.492	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	4.969	65	2027	0.398	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	80.000%
7) 1,2-Dichloropropane-d6	5.995	67	2260	0.377	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	76.000%
8) Toluene-d8	7.253	98	4326	0.428	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1639	0.486	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.578	83	680	0.095	ug/L	Qvalue # 88

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

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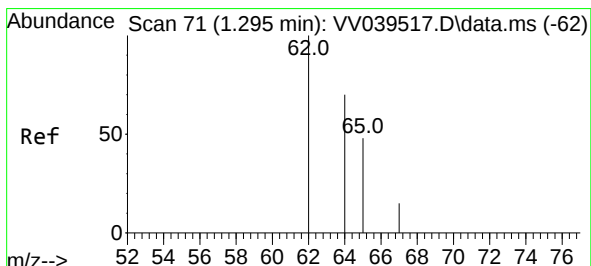
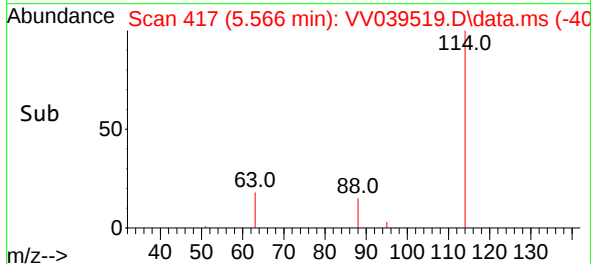
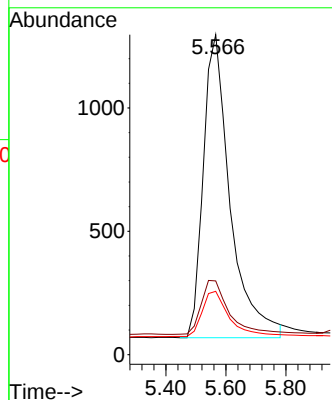
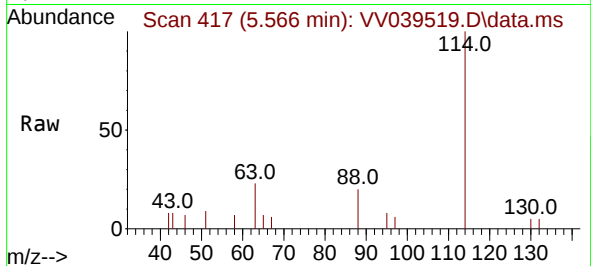




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

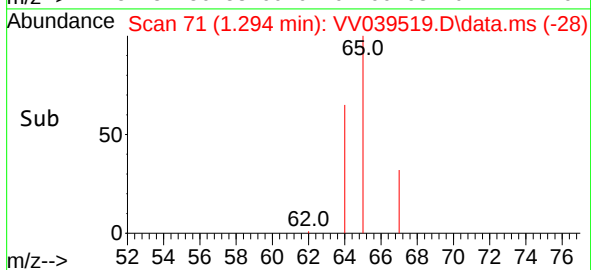
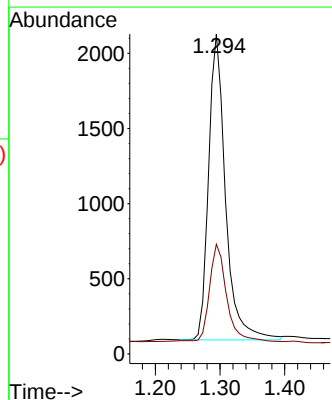
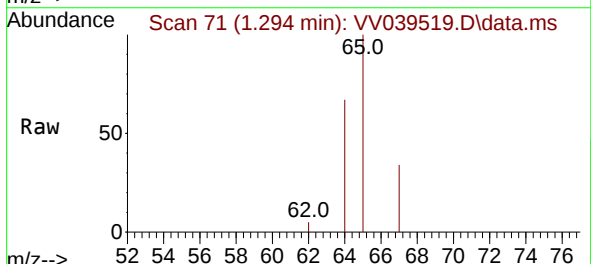
Instrument :
MSVOA_V
ClientSampleId :

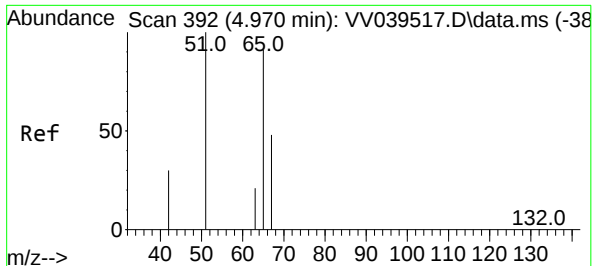
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	15.0	22.4
88	15.1	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.492 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	32.3	22.3	41.5

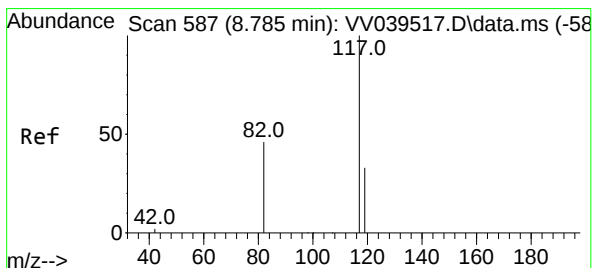
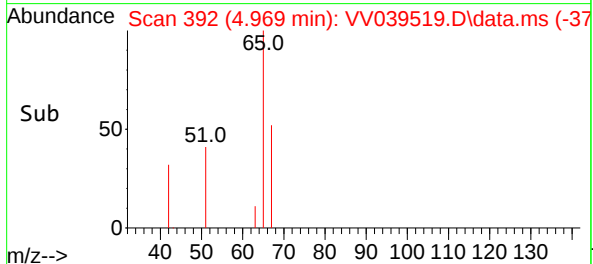
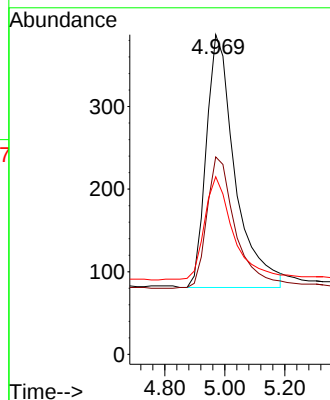
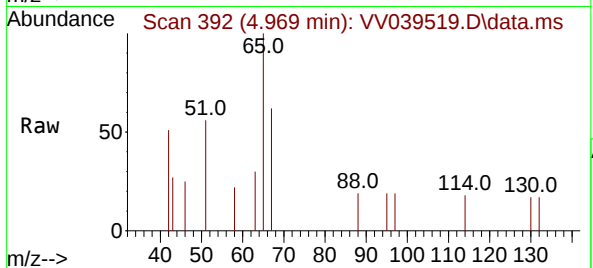




#4
1,2-Dichloroethane-d4
Concen: 0.398 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

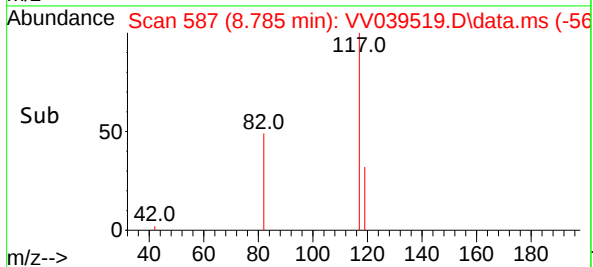
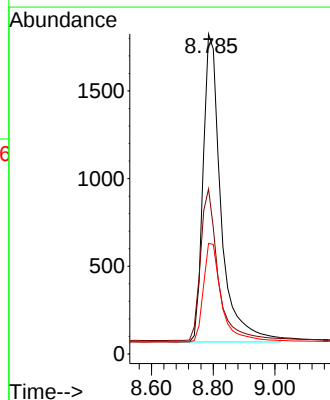
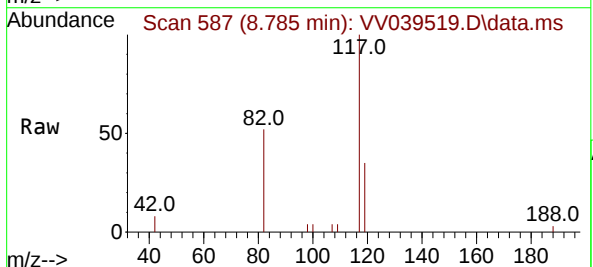
Instrument :
MSVOA_V
ClientSampleId :

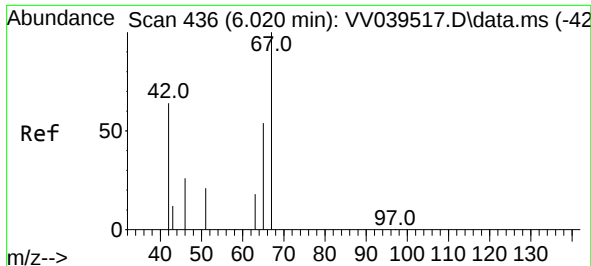
Tgt Ion: 65 Resp: 2027
Ion Ratio Lower Upper
65 100
67 52.1 32.5 60.3
51 41.4 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

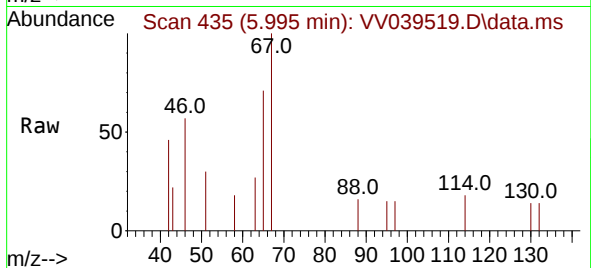
Tgt Ion: 117 Resp: 7099
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.2
119 32.6 26.2 39.2



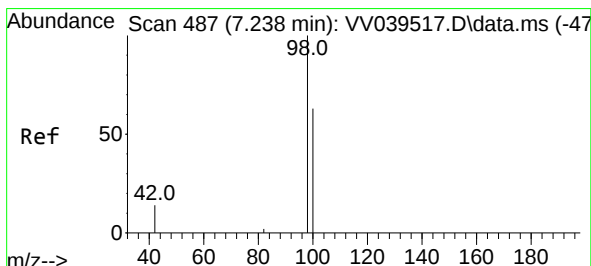
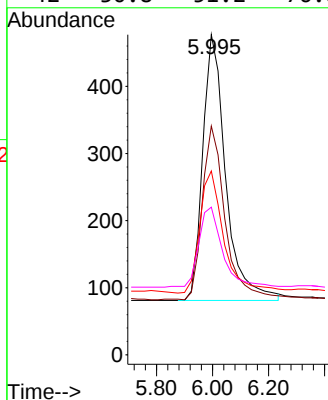
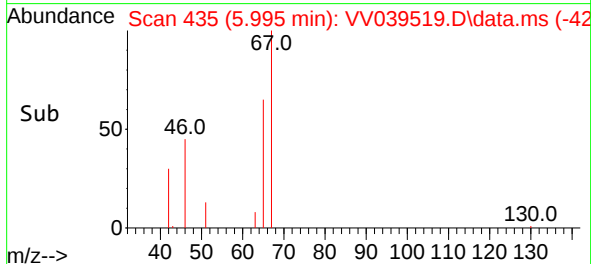


#7
1,2-Dichloropropane-d6
Concen: 0.377 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Instrument :
MSVOA_V
ClientSampleId :

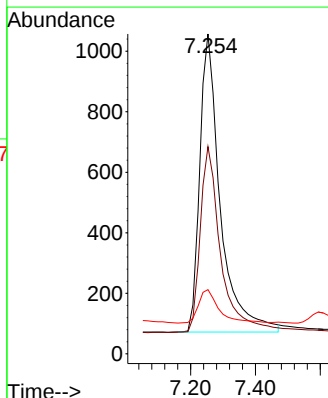
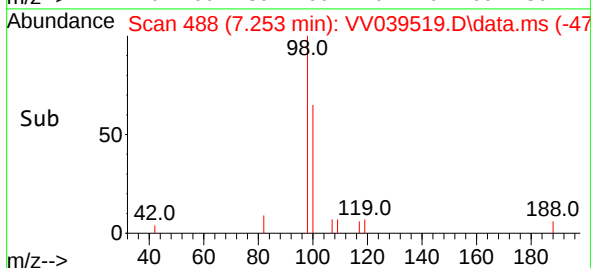
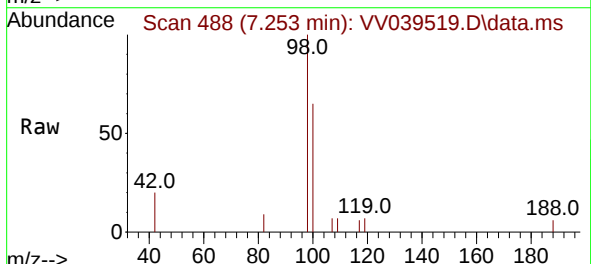


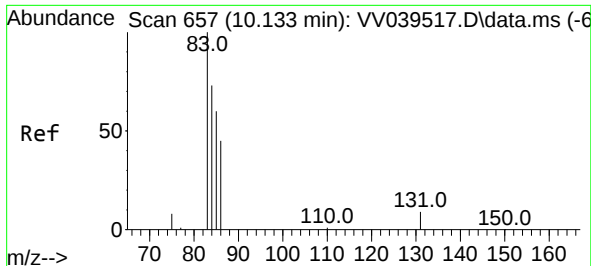
Tgt Ion:	67	Resp:	2260
Ion	Ratio	Lower	Upper
67	100		
65	65.4	37.9	56.9#
46	48.5	27.4	41.0#
42	30.8	51.2	76.8#



#8
Toluene-d8
Concen: 0.428 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

Tgt Ion:	98	Resp:	4326
Ion	Ratio	Lower	Upper
98	100		
100	61.7	44.5	82.7
42	11.2	10.1	18.7

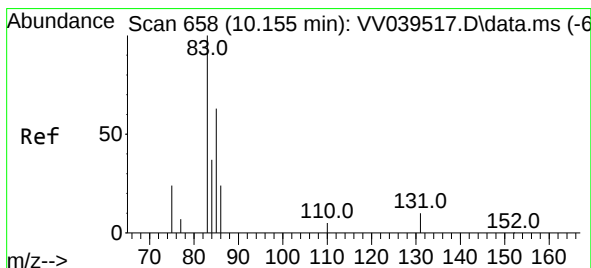
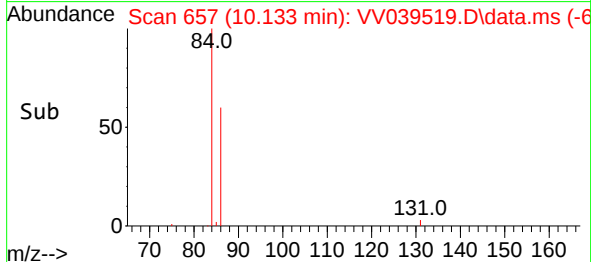
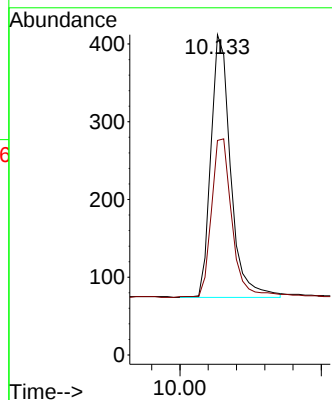
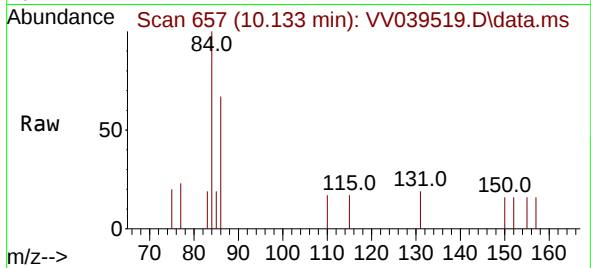




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.486 ug/L
RT: 10.133 min Scan# 613
Delta R.T. -0.000 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

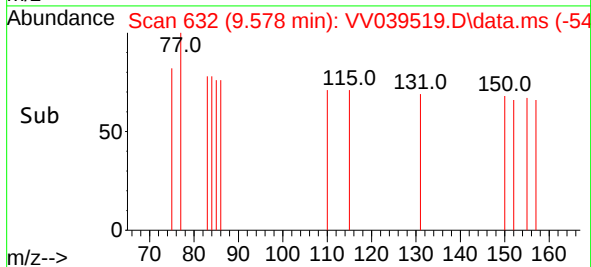
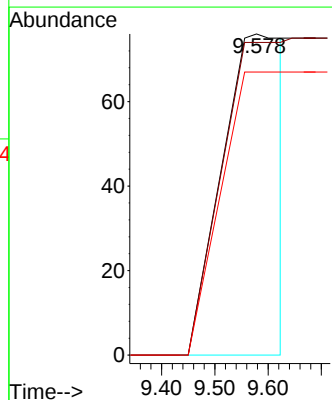
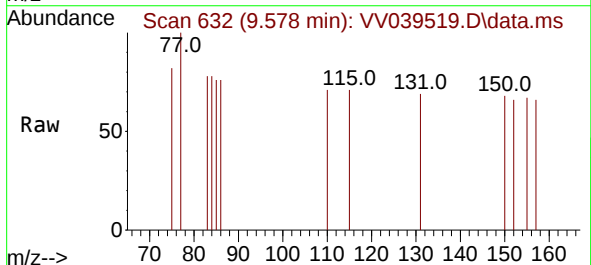
Instrument :
MSVOA_V
ClientSampleId :

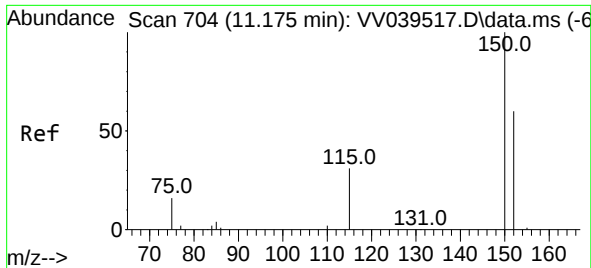
Tgt Ion: 84 Resp: 1639
Ion Ratio Lower Upper
84 100
86 62.9 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.095 ug/L
RT: 9.578 min Scan# 632
Delta R.T. -0.577 min
Lab File: VV039519.D
Acq: 10 Dec 2025 10:19

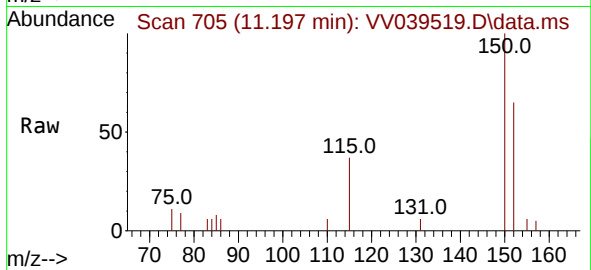
Tgt Ion: 83 Resp: 680
Ion Ratio Lower Upper
83 100
85 70.6 51.0 76.6
131 0.0 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 70
 Delta R.T. 0.022 min
 Lab File: VV039519.D
 Acq: 10 Dec 2025 10:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:152 Resp: 3705
 Ion Ratio Lower Upper
 152 100
 115 54.9 0.0 101.6
 150 160.7 0.0 396.2

