

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045419.D
 Acq On : 24 Mar 2025 16:50
 Operator : JC/MD
 Sample : Q1608-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20250318

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:37:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59857	55.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.600%			
35) Dibromofluoromethane	5.385	113	46105	52.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	156497	49.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.079	95	54851	52.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.220%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	16113	20.556	ug/l	98
12) 1,1-Dichloroethene	2.307	96	5888	7.105	ug/l	94
16) Acetone	2.392	43	890	1.788	ug/l	94
24) 1,1-Dichloroethane	3.605	63	2870	1.707	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	3639	3.601	ug/l	96
30) Chloroform	5.099	83	2305	1.380	ug/l #	72
38) Carbon Tetrachloride	5.678	117	1767m	1.449	ug/l	
44) Trichloroethene	7.123	130	1224885	1374.847	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	835	0.911	ug/l #	90
64) Tetrachloroethene	9.275	164	2671	3.523	ug/l	95

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

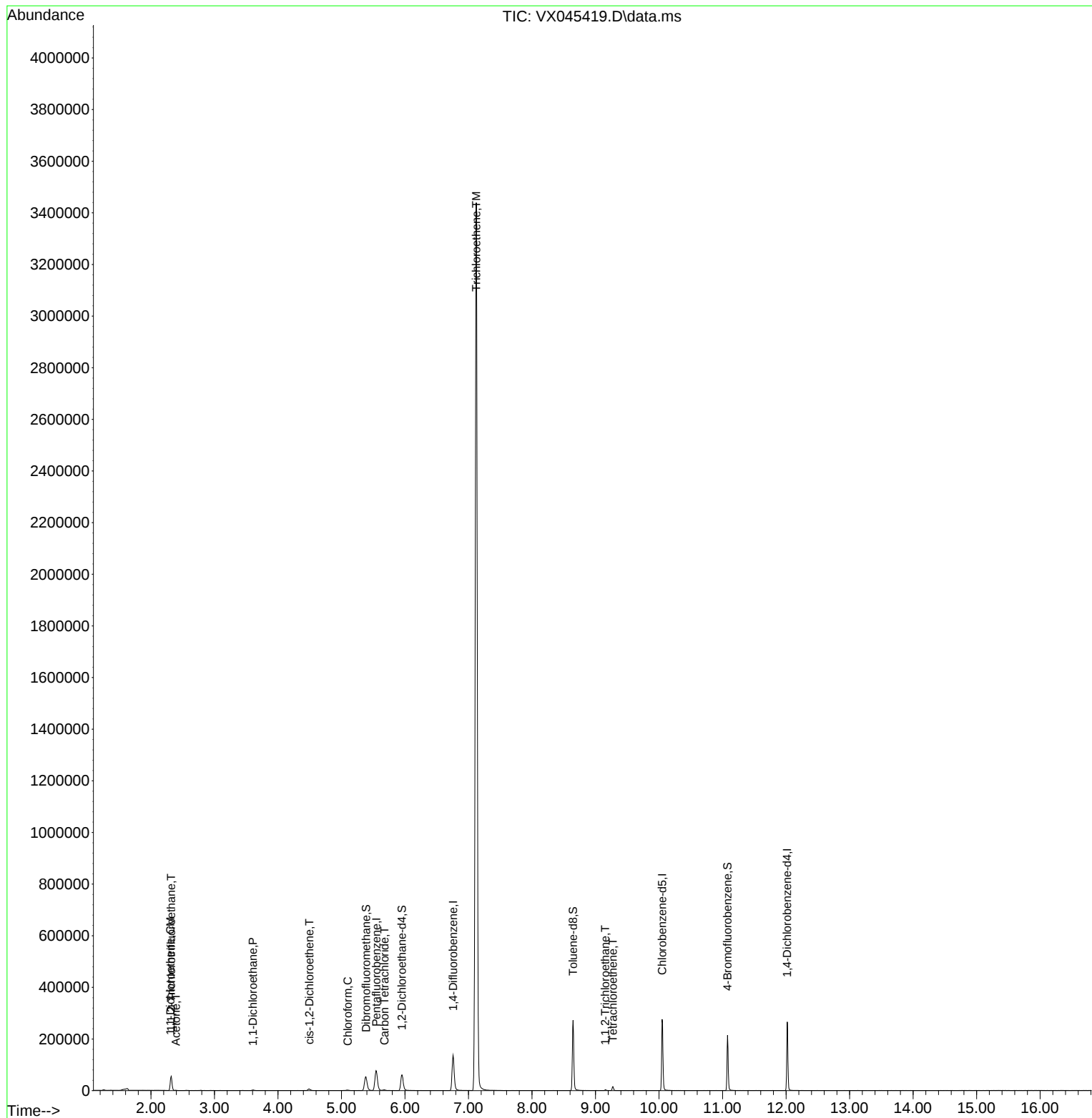
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
Data File : VX045419.D
Acq On : 24 Mar 2025 16:50
Operator : JC/MD
Sample : Q1608-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318

Quant Time: Mar 25 01:37:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

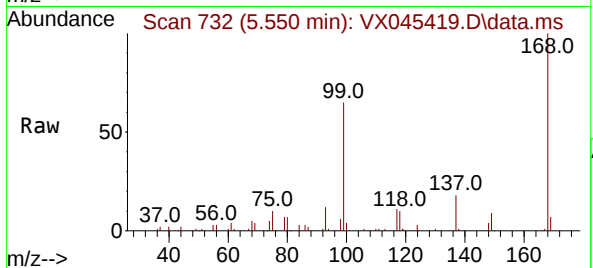
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

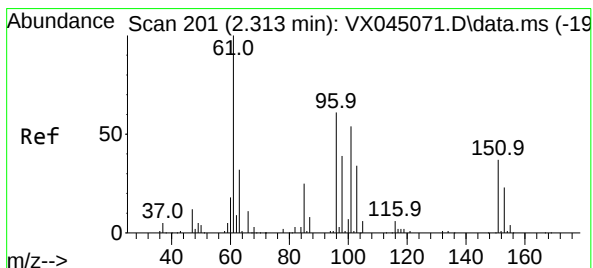
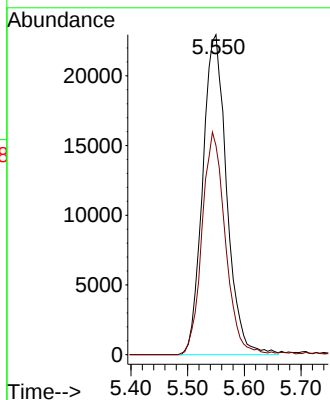
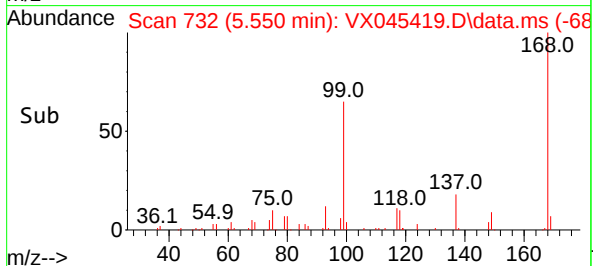
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318



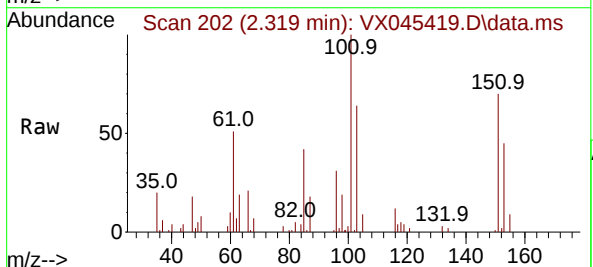
Tgt Ion:168 Resp: 6744
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4

Manual Integrations
APPROVED

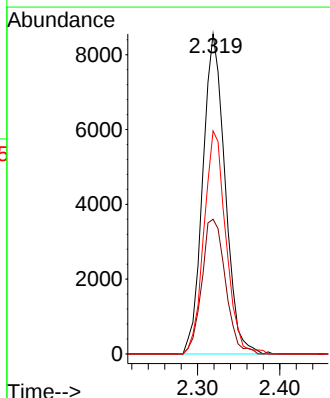
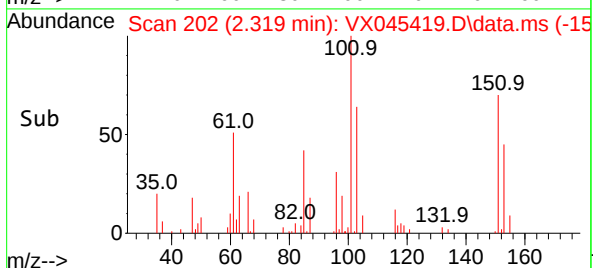
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

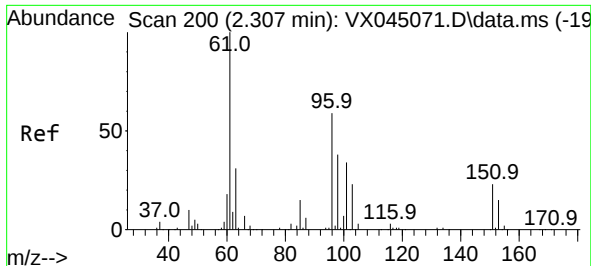


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.556 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50



Tgt Ion:101 Resp: 16113
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.4
151 68.8 56.4 84.6





#12

1,1-Dichloroethene

Concen: 7.105 ug/l

RT: 2.307 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX045419.D

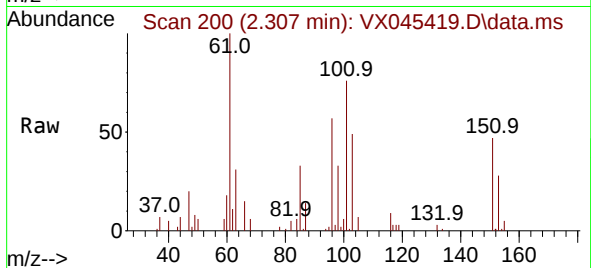
Acq: 24 Mar 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20250318



Tgt Ion: 96 Resp: 588

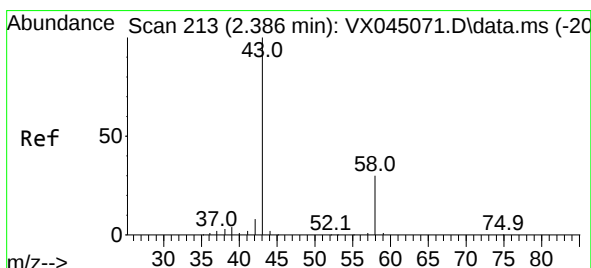
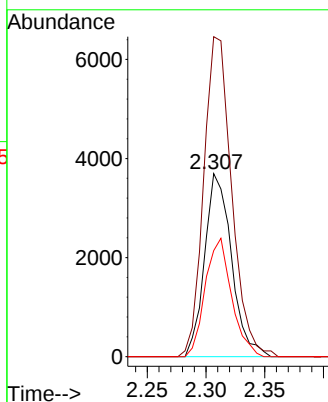
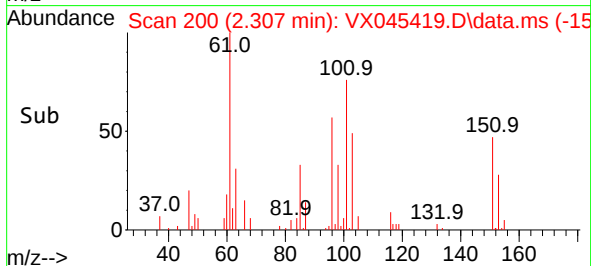
Ion	Ratio	Lower	Upper
96	100		
61	174.8	134.6	202.0
98	57.9	51.0	76.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#16

Acetone

Concen: 1.788 ug/l

RT: 2.392 min Scan# 214

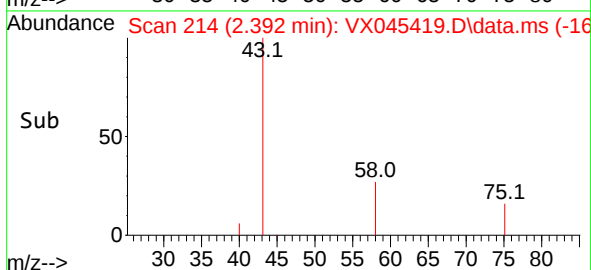
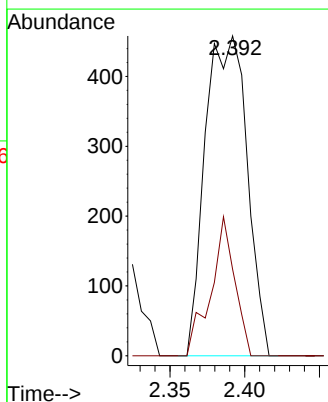
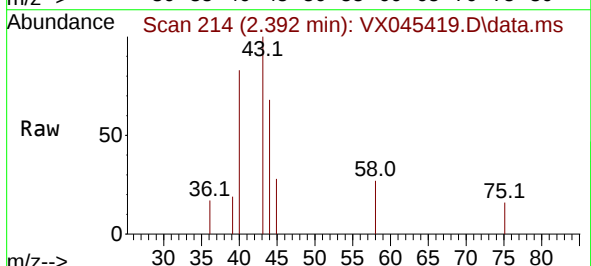
Delta R.T. 0.006 min

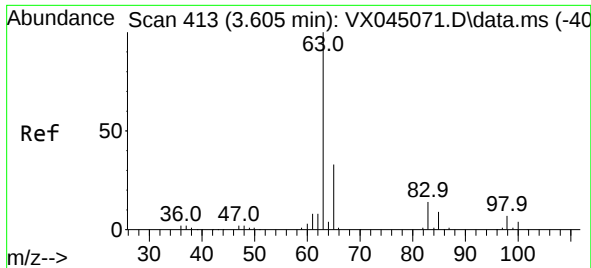
Lab File: VX045419.D

Acq: 24 Mar 2025 16:50

Tgt Ion: 43 Resp: 890

Ion	Ratio	Lower	Upper
43	100		
58	27.1	24.2	36.4





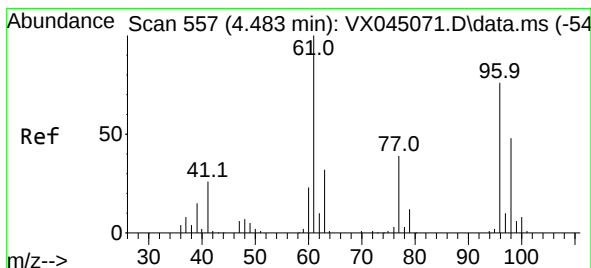
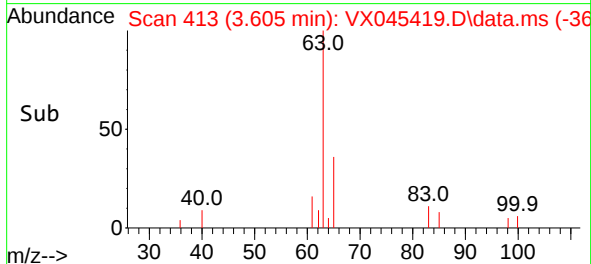
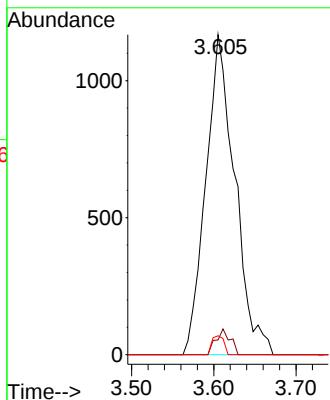
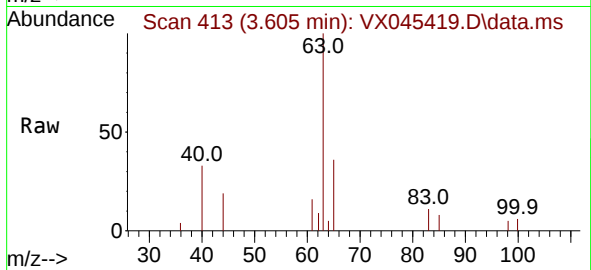
#24
1,1-Dichloroethane
Concen: 1.707 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318

Tgt Ion: 63 Resp: 2870
Ion Ratio Lower Upper
63 100
98 4.6 3.4 10.2
100 5.9 2.1 6.5

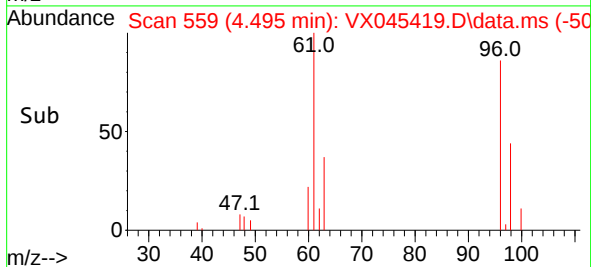
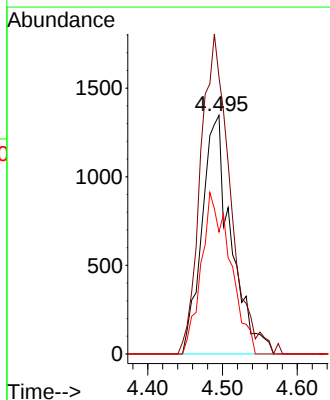
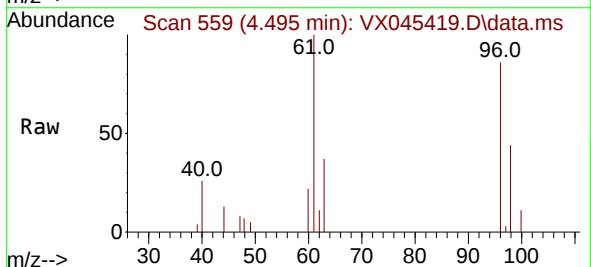
Manual Integrations
APPROVED

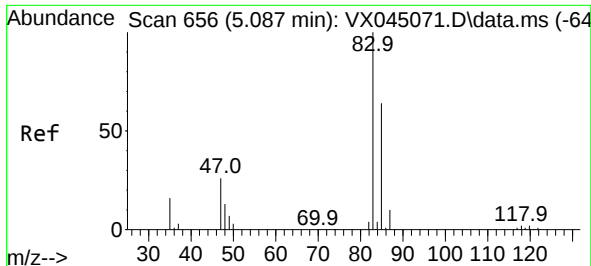
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#27
cis-1,2-Dichloroethene
Concen: 3.601 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

Tgt Ion: 96 Resp: 3639
Ion Ratio Lower Upper
96 100
61 137.0 0.0 283.2
98 67.5 0.0 128.0





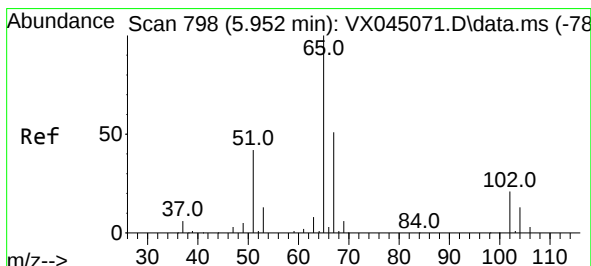
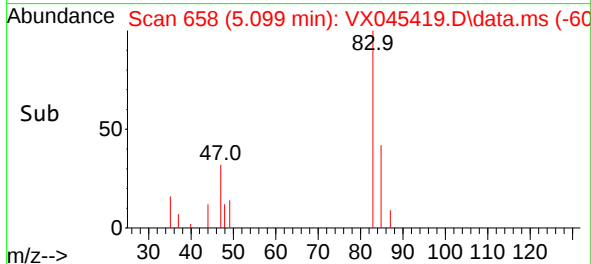
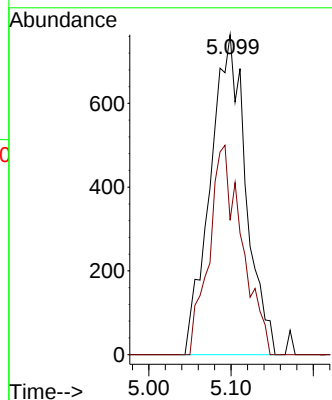
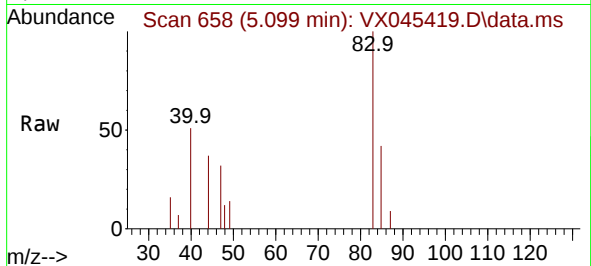
#30
Chloroform
Concen: 1.380 ug/l
RT: 5.099 min Scan# 656
Delta R.T. 0.012 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318

Tgt Ion: 83 Resp: 230
Ion Ratio Lower Upper
83 100
85 42.0 51.4 77.2

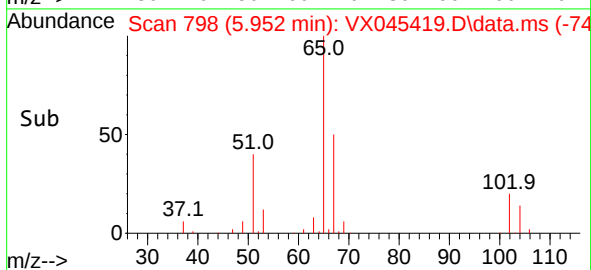
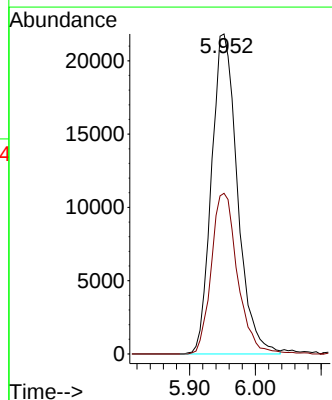
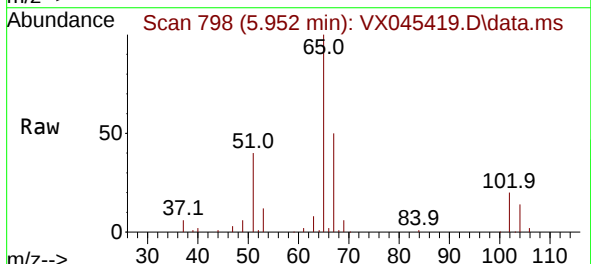
Manual Integrations
APPROVED

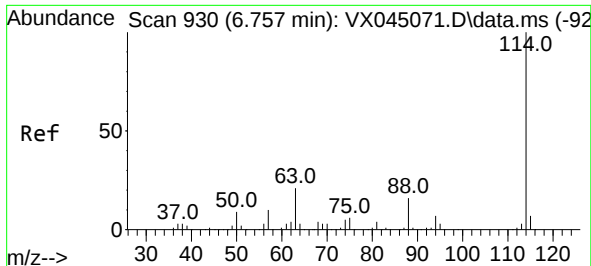
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#33
1,2-Dichloroethane-d4
Concen: 55.796 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

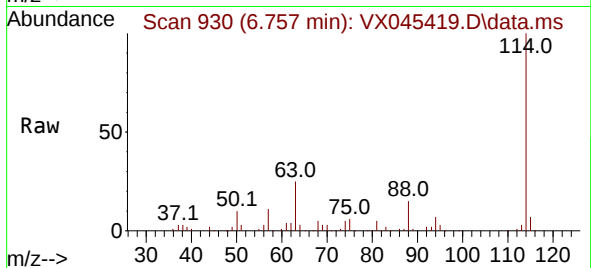
Tgt Ion: 65 Resp: 59857
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 910
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

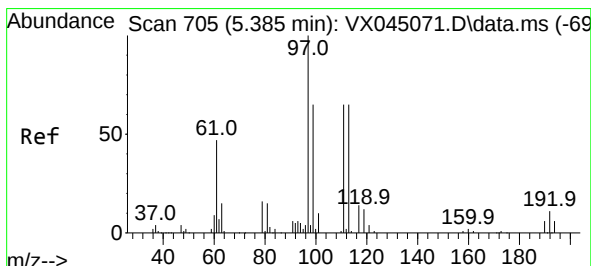
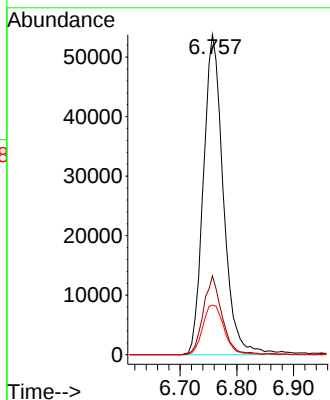
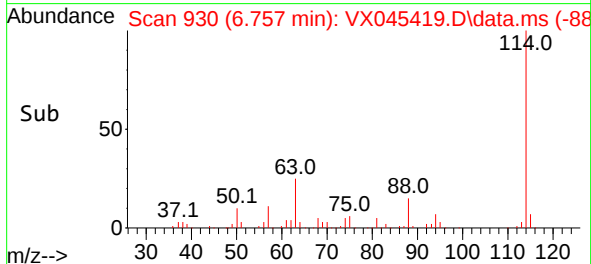
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318



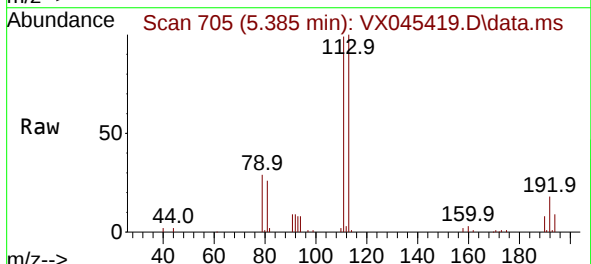
Tgt Ion:114 Resp: 131029
Ion Ratio Lower Upper
114 100
63 24.6 0.0 41.8
88 15.5 0.0 32.8

Manual Integrations
APPROVED

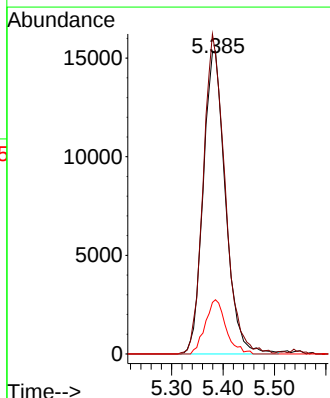
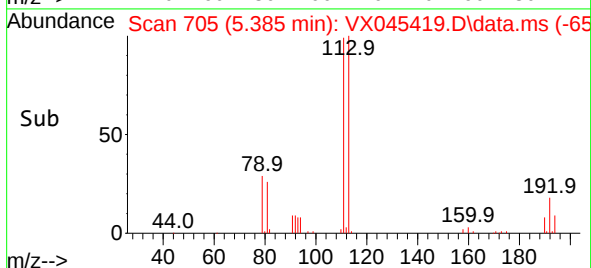
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

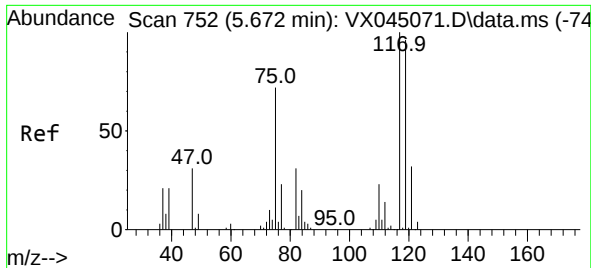


#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50



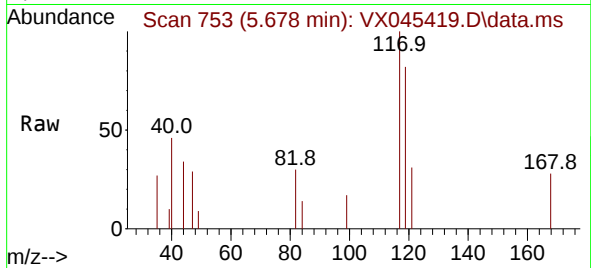
Tgt Ion:113 Resp: 46105
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.6 14.3 21.5





#38
Carbon Tetrachloride
Concen: 1.449 ug/l m
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

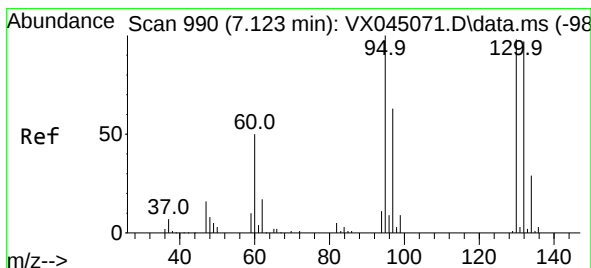
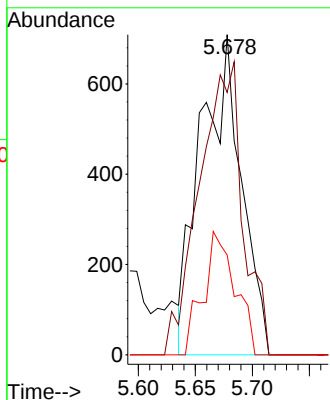
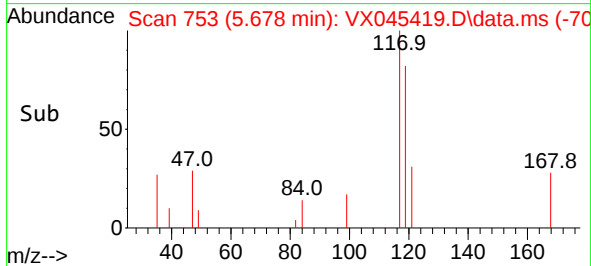
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318



Tgt Ion:117 Resp: 176
Ion Ratio Lower Upper
117 100
119 81.9 76.7 115.1
121 31.2 25.5 38.3

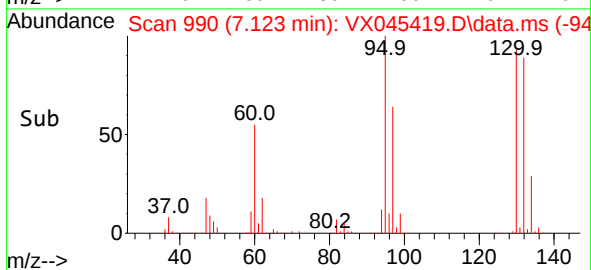
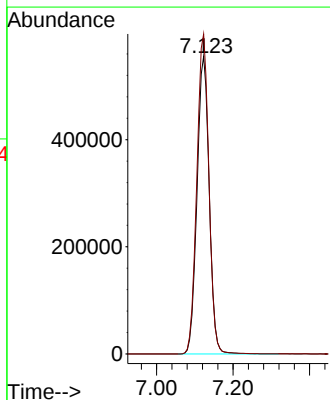
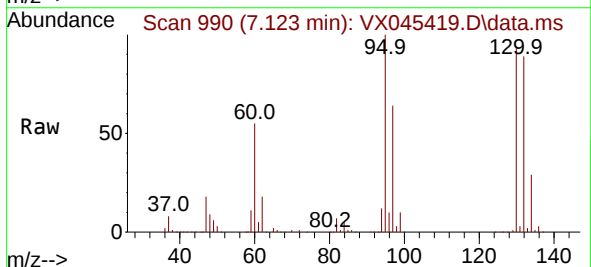
Manual Integrations
APPROVED

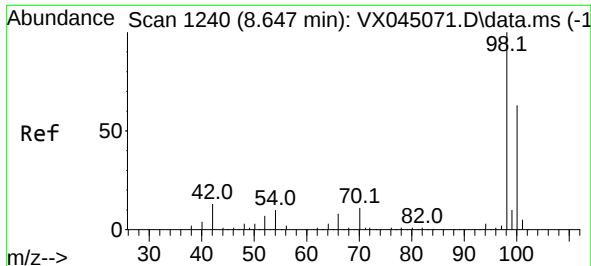
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#44
Trichloroethene
Concen: 1374.847 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

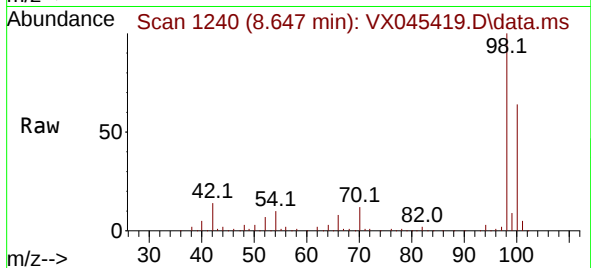
Tgt Ion:130 Resp: 1224885
Ion Ratio Lower Upper
130 100
95 107.5 0.0 205.0





#50
Toluene-d8
Concen: 49.269 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

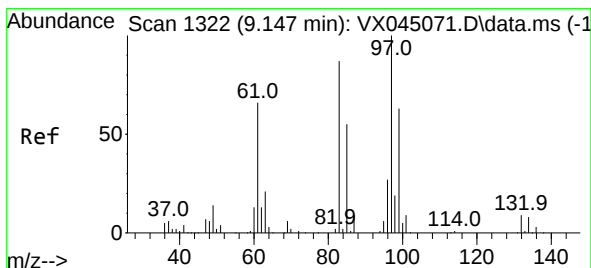
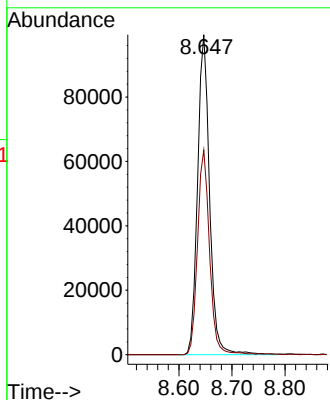
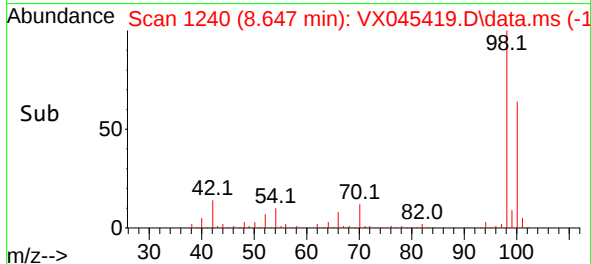
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318



Tgt Ion: 98 Resp: 15649
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

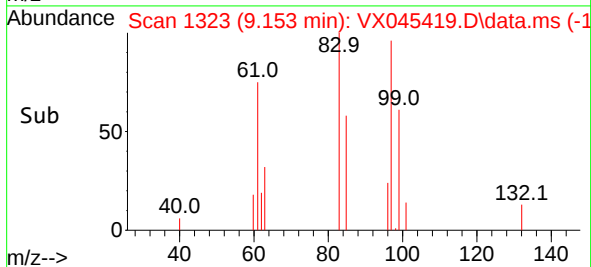
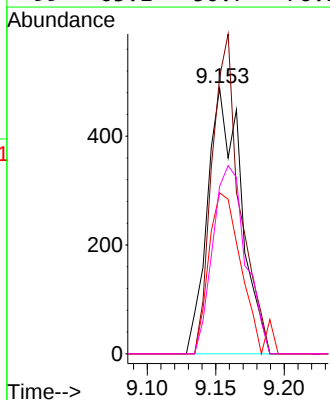
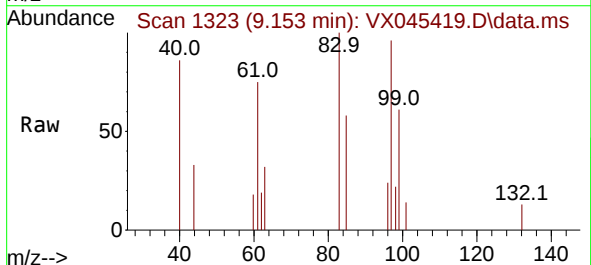
Manual Integrations
APPROVED

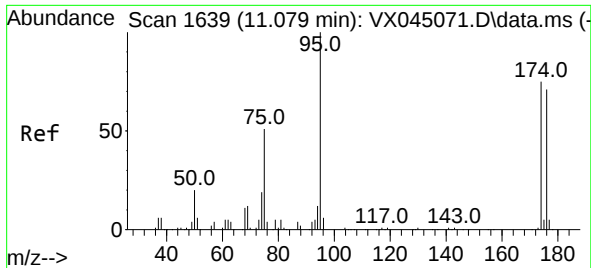
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#55
1,1,2-Trichloroethane
Concen: 0.911 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

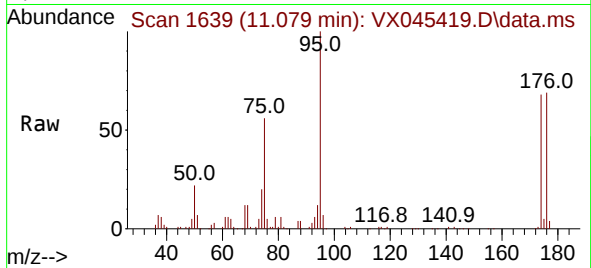
Tgt Ion: 97 Resp: 835
Ion Ratio Lower Upper
97 100
83 104.3 69.4 104.2#
85 60.7 44.1 66.1
99 63.1 50.7 76.1





#62
4-Bromofluorobenzene
Concen: 52.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

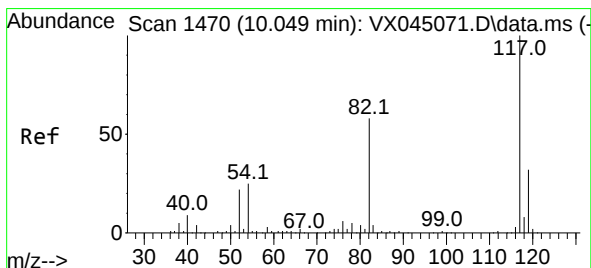
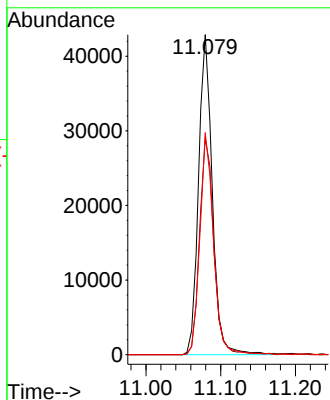
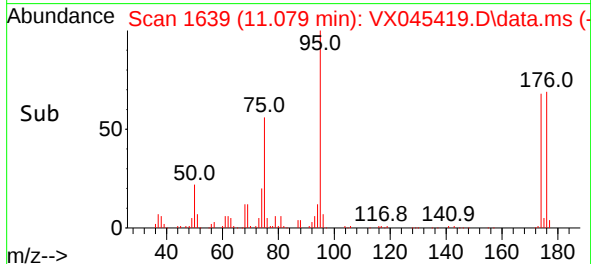
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318



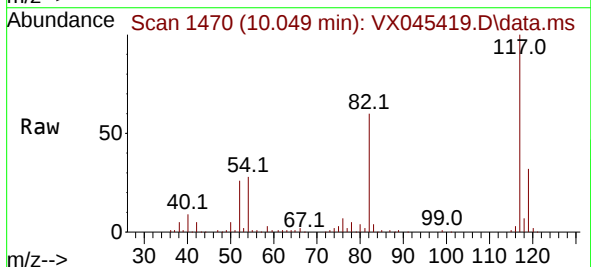
Tgt Ion: 95 Resp: 5485
Ion Ratio Lower Upper
95 100
174 70.3 0.0 148.2
176 68.7 0.0 141.4

Manual Integrations
APPROVED

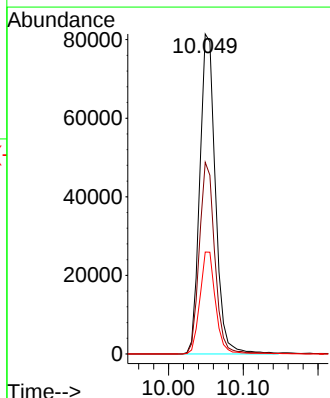
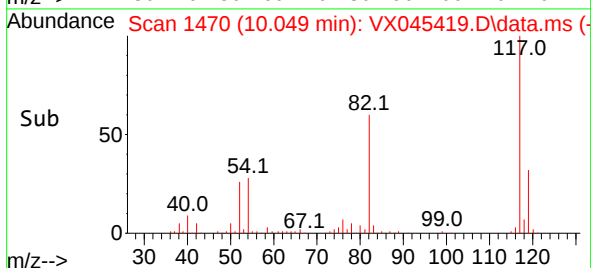
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

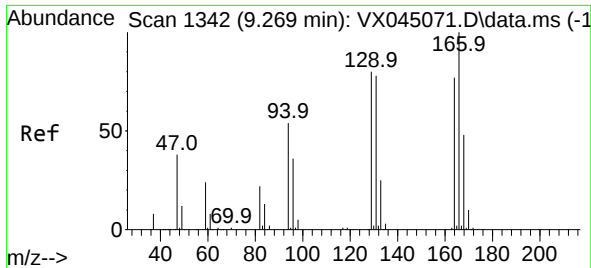


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50



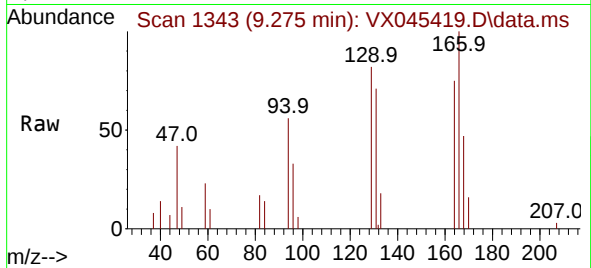
Tgt Ion:117 Resp: 118374
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 31.9 25.7 38.5





#64
Tetrachloroethene
Concen: 3.523 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50

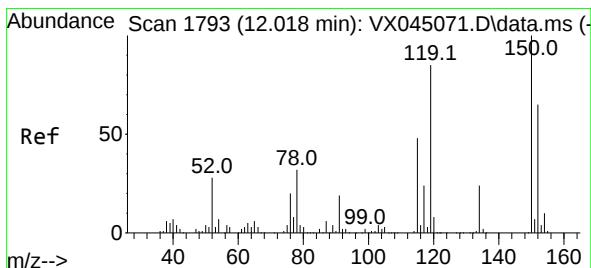
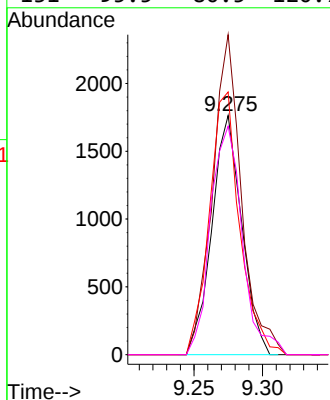
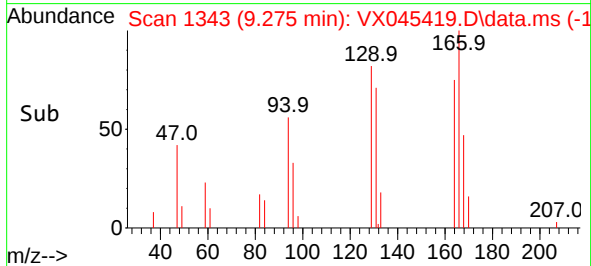
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318



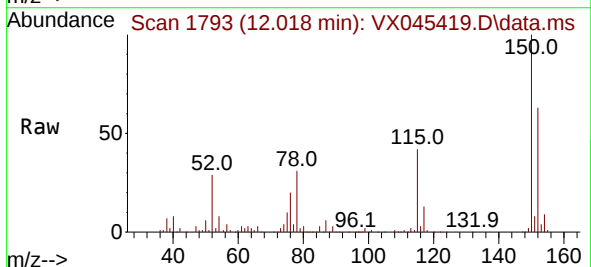
Tgt Ion:164 Resp: 267
Ion Ratio Lower Upper
164 100
166 133.8 103.6 155.4
129 109.8 82.7 124.1
131 95.5 80.5 120.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045419.D
Acq: 24 Mar 2025 16:50



Tgt Ion:152 Resp: 49435
Ion Ratio Lower Upper
152 100
115 64.9 44.2 132.6
150 157.6 0.0 349.0

