Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048787.D
Acq On : 09 Dec 2025 16:09
Operator : JC/MD
Sample : Q3803-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Quant Time: Dec 10 00:26:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	163453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	336114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	341281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	185952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115080	52.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.920%			
35) Dibromofluoromethane	5.373	113	102080	44.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.220%			
50) Toluene-d8	8.634	98	343022	42.284	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 84.560%#			
62) 4-Bromofluorobenzene	11.061	95	158542	56.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.360%			
Target Compounds						Qvalue
16) Acetone	2.373	43	94199	112.162	ug/l	98
18) Methyl Acetate	2.703	43	7151	3.026	ug/l	96
20) Methylene Chloride	2.794	84	136891	65.211	ug/l	97
25) 2-Butanone	4.550	43	26306	21.223	ug/l	97
40) Benzene	6.025	78	496793	52.870	ug/l	99
43) Isopropyl Acetate	6.330	43	18648	3.252	ug/l #	89
51) 4-Methyl-2-Pentanone	8.561	43	3955939	1111.282	ug/l	99
52) Toluene	8.701	92	232194	40.979	ug/l	98
67) Ethyl Benzene	10.177	91	95154	7.806	ug/l	99
68) m/p-Xylenes	10.280	106	184444	38.844	ug/l	99
69) o-Xylene	10.622	106	237646m	53.410	ug/l	
84) 1,2,4-Trimethylbenzene	11.731	105	153551m	14.778	ug/l	
95) Naphthalene	13.755	128	249609	24.098	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048787.D
Acq On : 09 Dec 2025 16:09
Operator : JC/MD
Sample : Q3803-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 10 00:26:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations APPROVED

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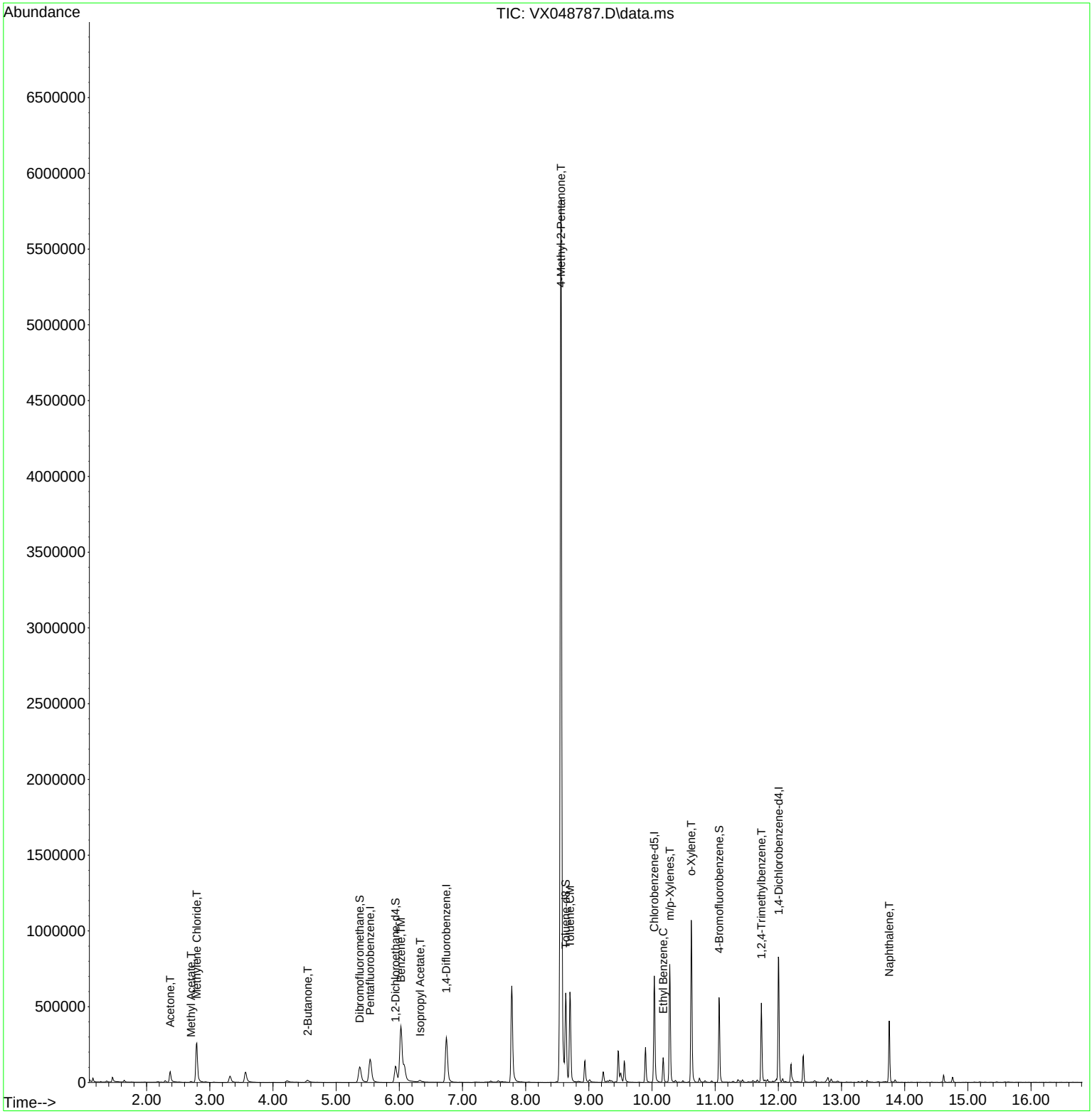
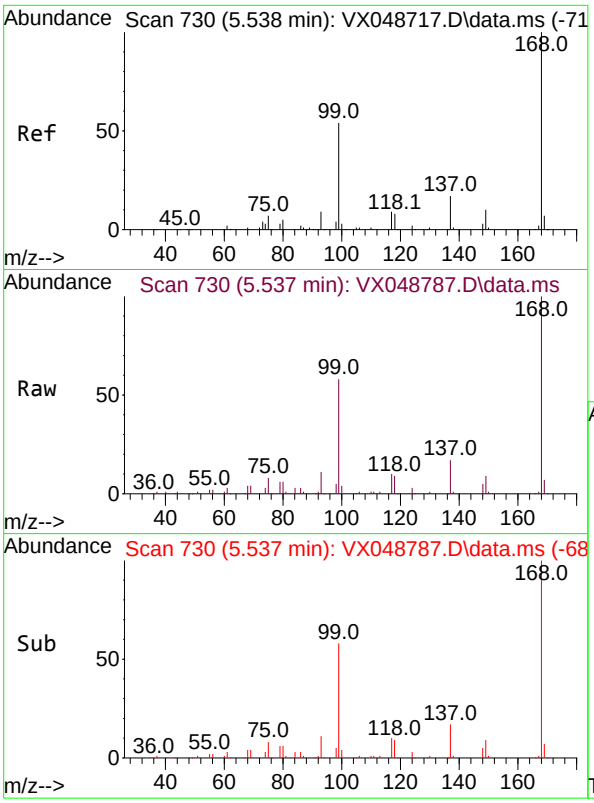
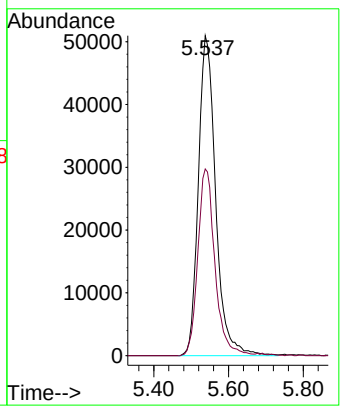




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:168 Resp: 16345

Ion	Ratio	Lower	Upper
168	100		
99	58.3	44.2	66.4



Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
APPROVED

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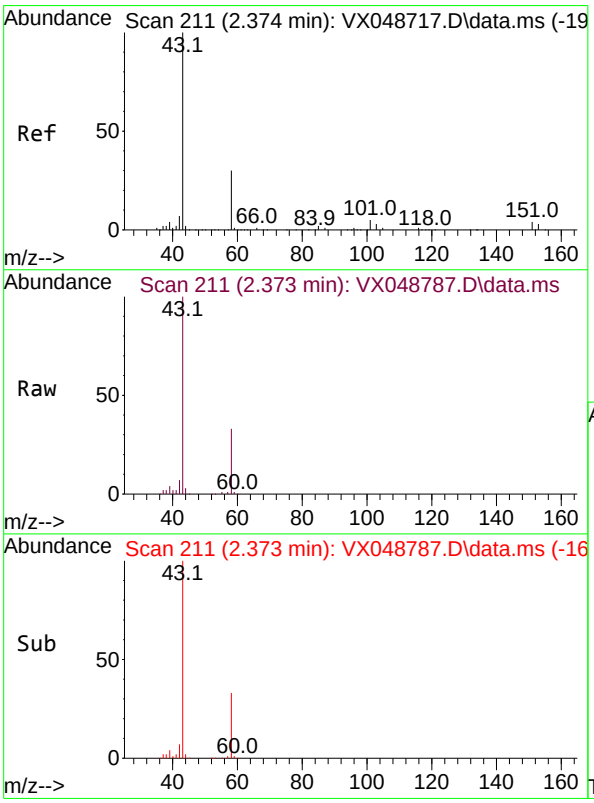
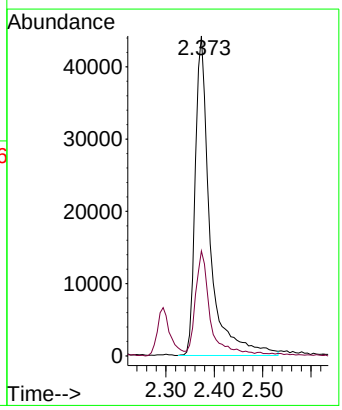
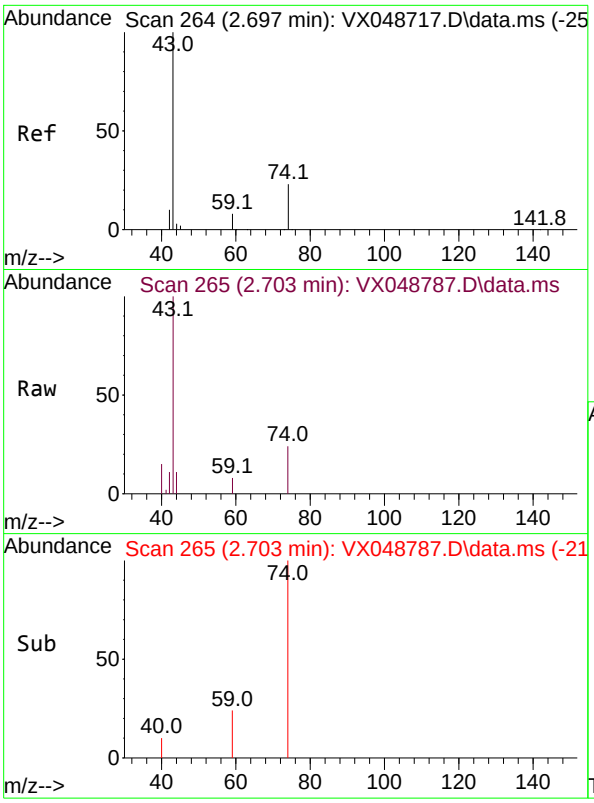


#16
Acetone
Concen: 112.162 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 43 Resp: 94199

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.0	37.4

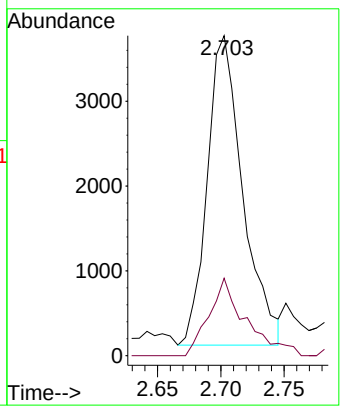




#18
Methyl Acetate
Concen: 3.026 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 43 Resp: 715

Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.2	28.8



Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

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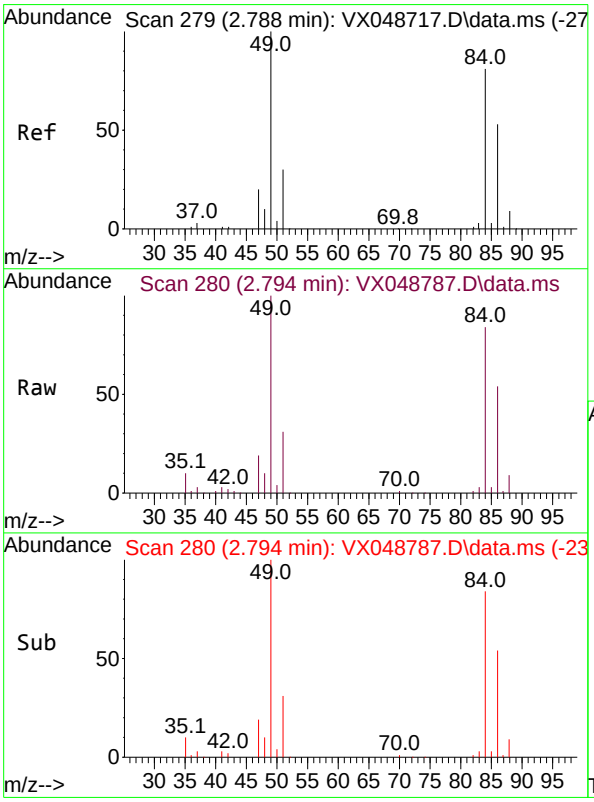
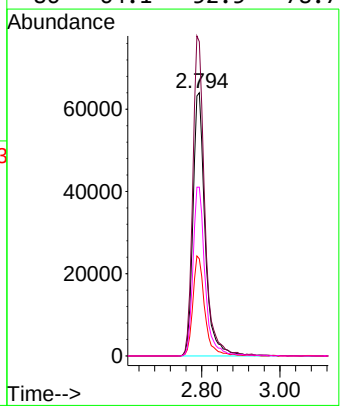
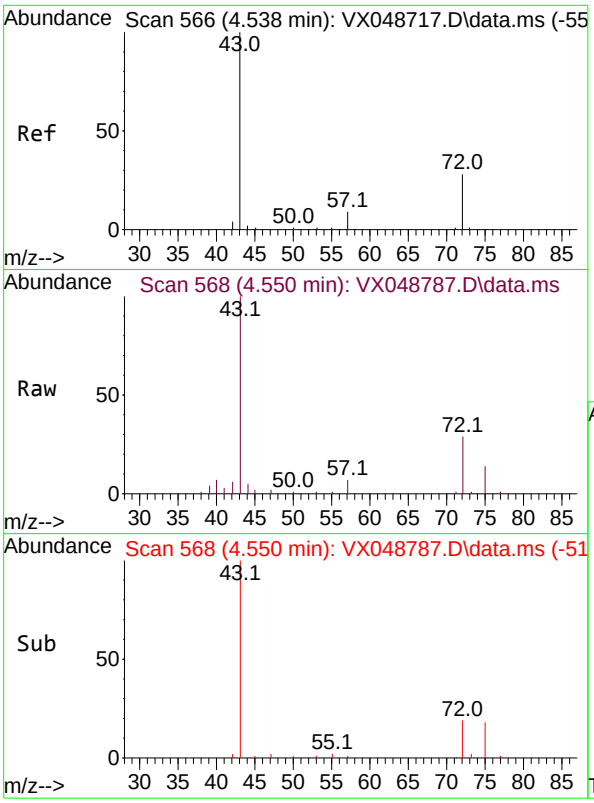


#20
Methylene Chloride
Concen: 65.211 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 84 Resp: 136891

Ion	Ratio	Lower	Upper
84	100		
49	119.4	98.7	148.1
51	36.9	29.4	44.2
86	64.1	52.5	78.7





#25
2-Butanone
Concen: 21.223 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 43 Resp: 2630

Ion	Ratio	Lower	Upper
43	100		
72	29.7	22.6	34.0

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
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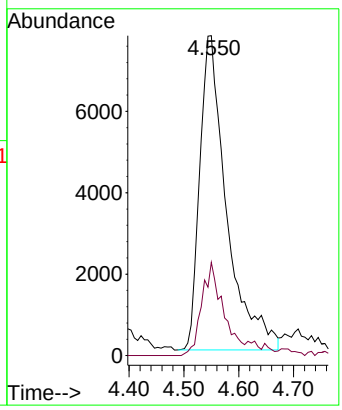
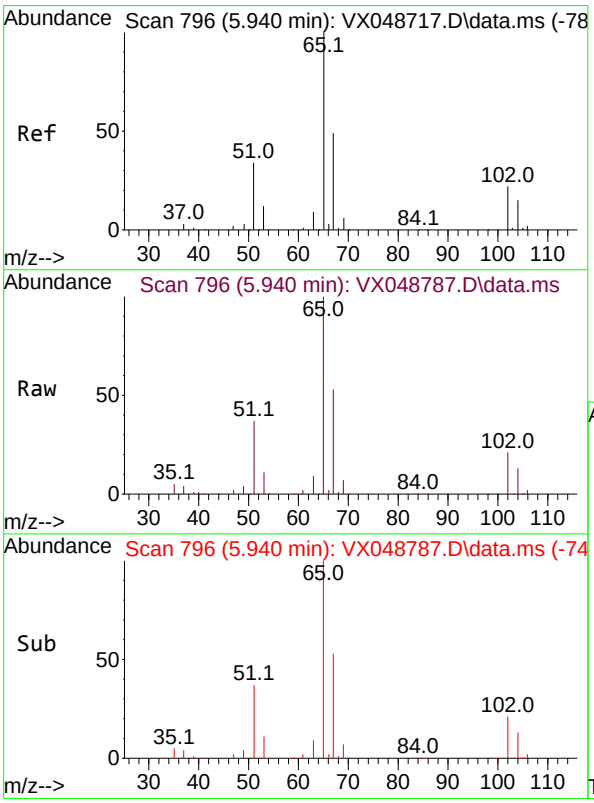
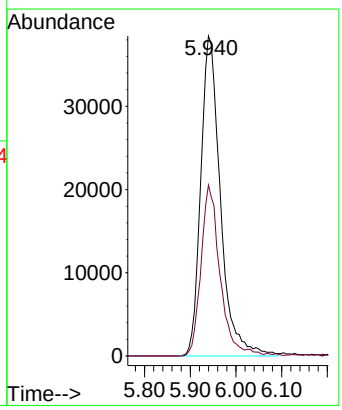


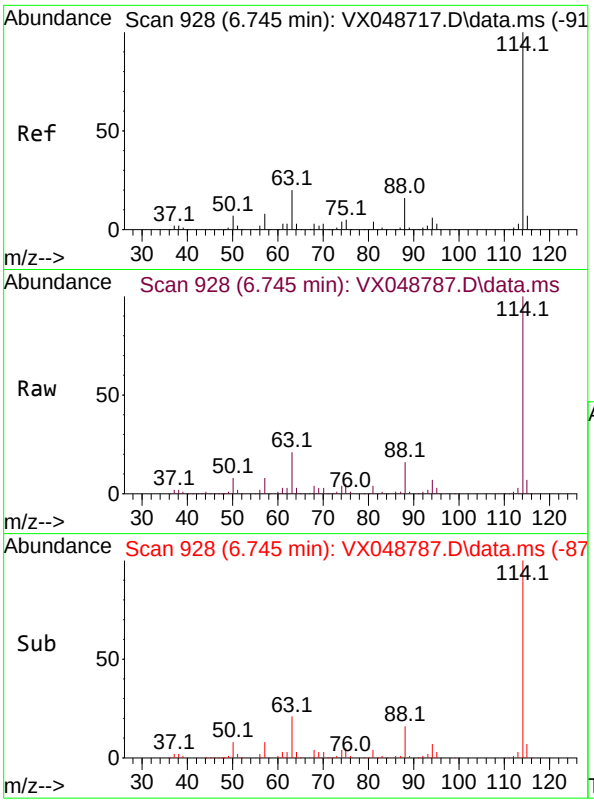


#33
1,2-Dichloroethane-d4
Concen: 52.456 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 65 Resp: 115080

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	107.4

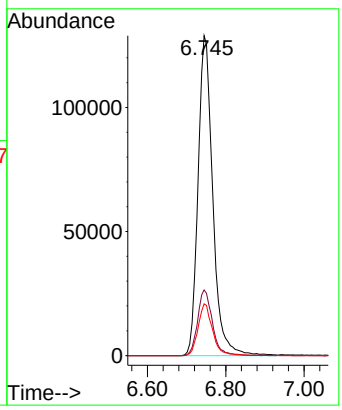




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:114 Resp: 33611

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	16.2	0.0	31.8



Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
APPROVED

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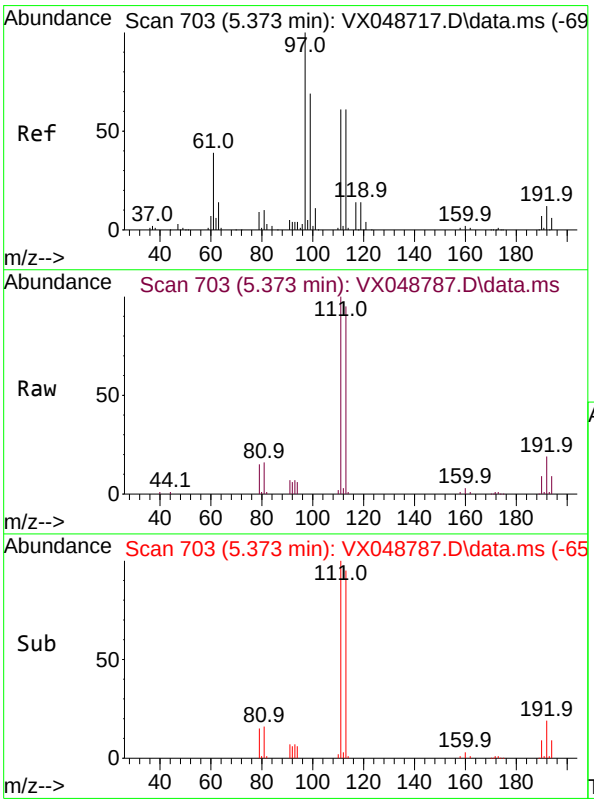
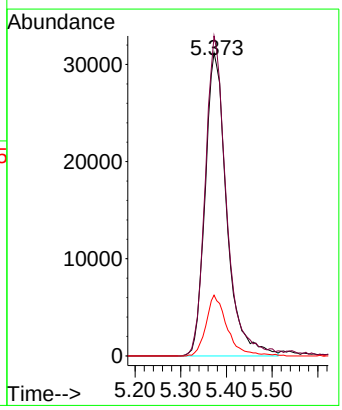
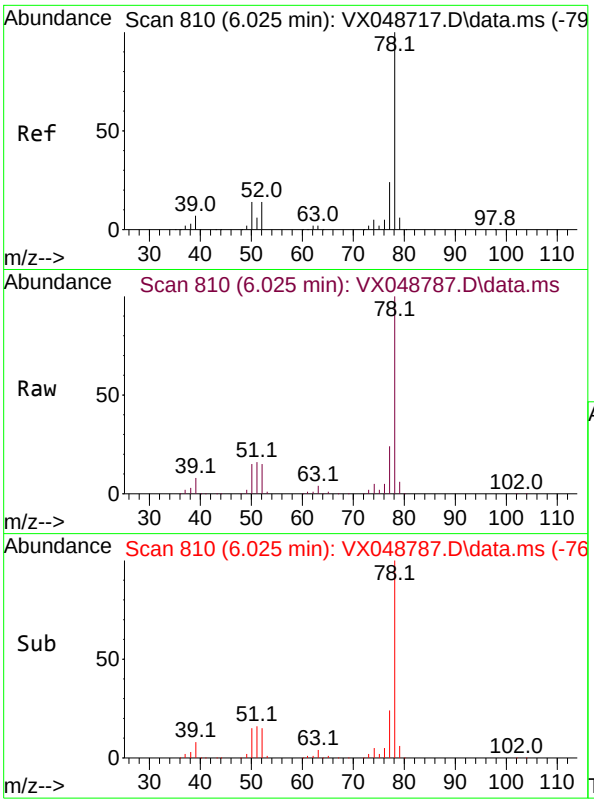


#35
Dibromofluoromethane
Concen: 44.109 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:113 Resp: 102080

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.5	119.3
192	19.7	16.1	24.1





#40
Benzene
Concen: 52.870 ug/l
RT: 6.025 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 78 Resp: 49679

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
APPROVED

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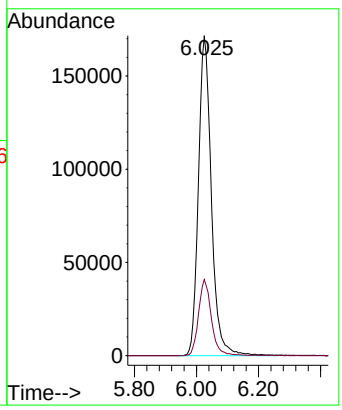
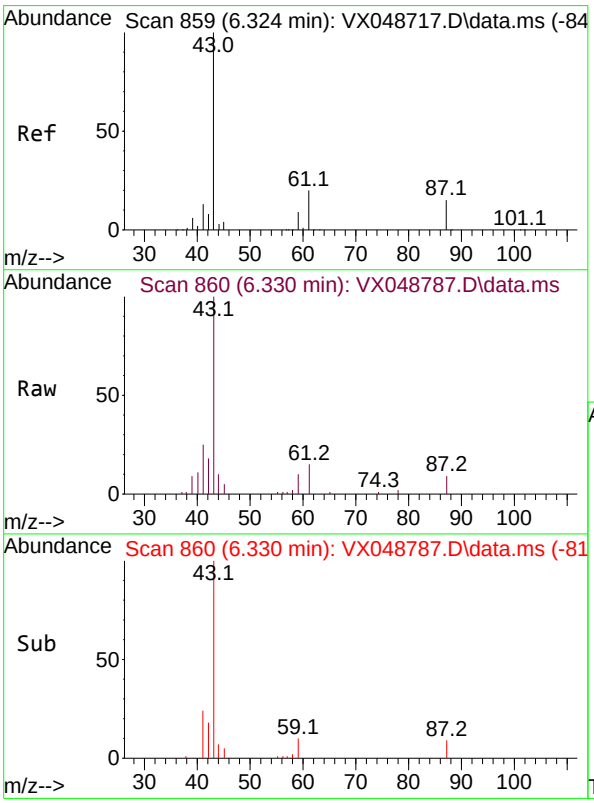
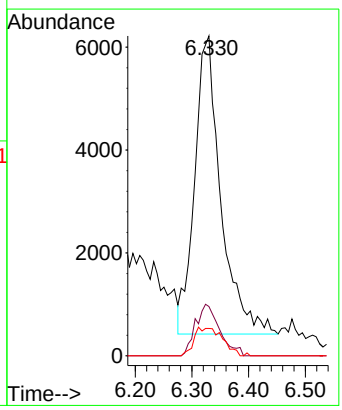


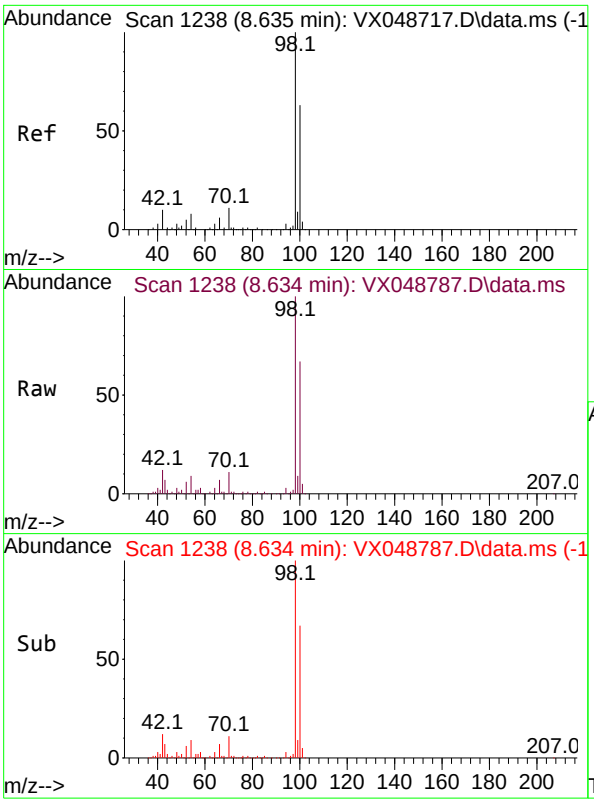


#43
Isopropyl Acetate
Concen: 3.252 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 43 Resp: 18648

Ion	Ratio	Lower	Upper
43	100		
61	15.9	16.8	25.2#
87	10.2	11.8	17.6#





#50
Toluene-d8
Concen: 42.284 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 98 Resp: 34302

Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.4	80.0

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
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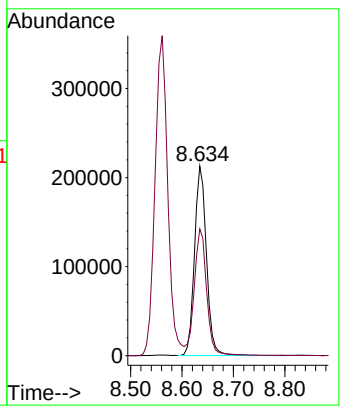
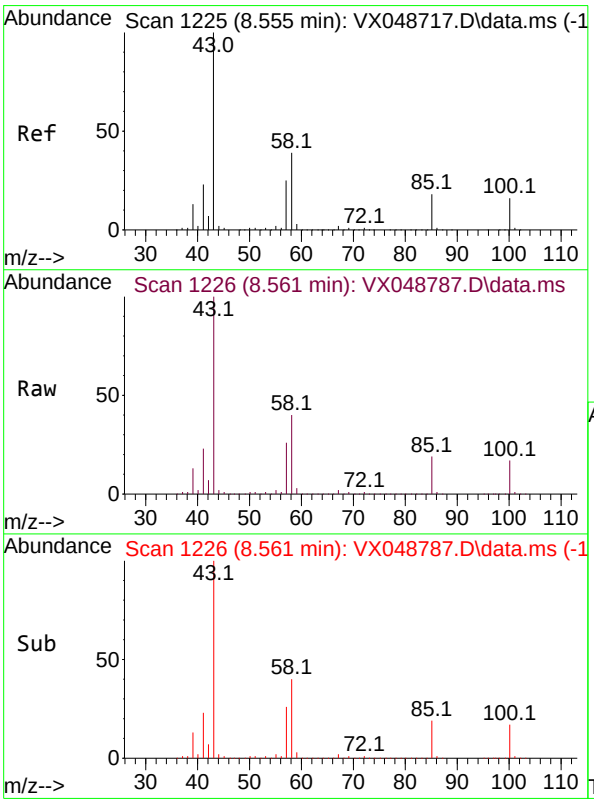
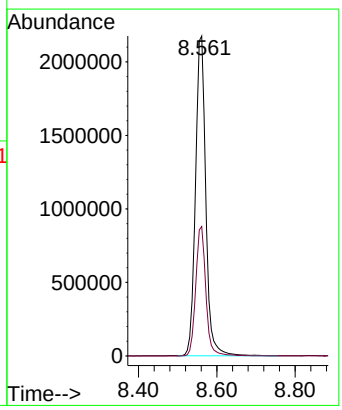


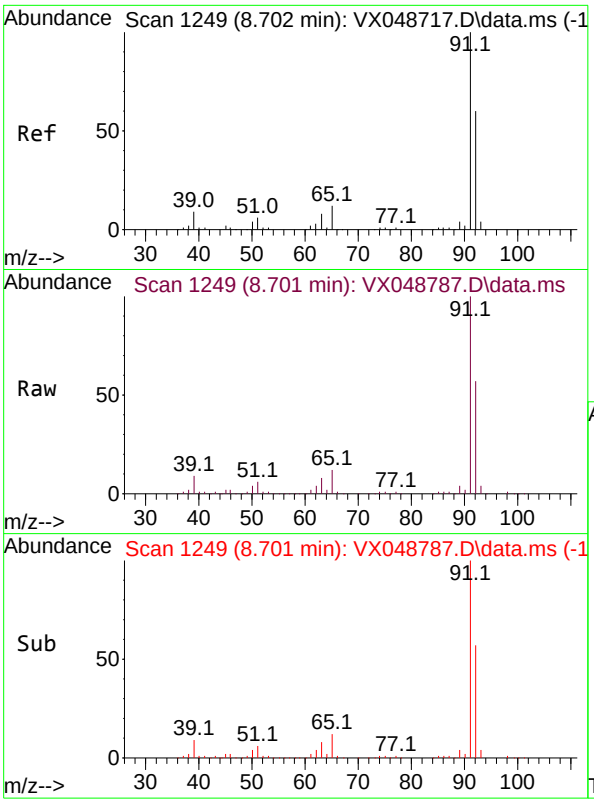


#51
4-Methyl-2-Pentanone
Concen: 1111.282 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 43 Resp: 3955939

Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.2	48.4





#52
Toluene
Concen: 40.979 ug/l
RT: 8.701 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 92 Resp: 23219

Ion	Ratio	Lower	Upper
92	100		
91	172.5	136.3	204.5

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
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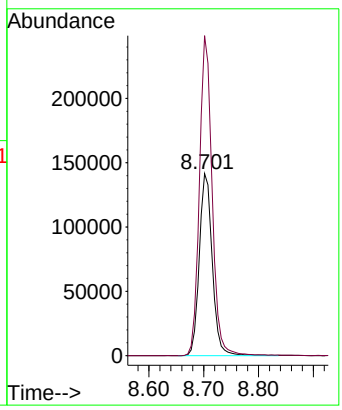
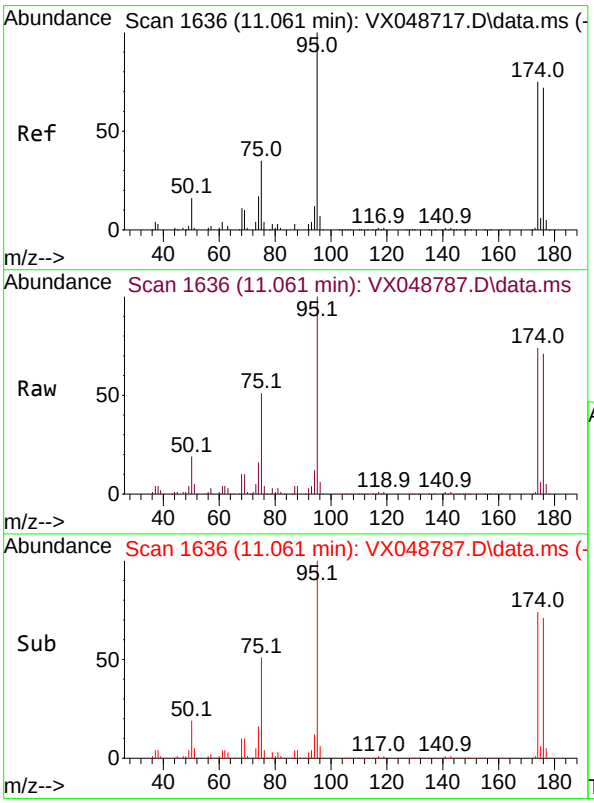
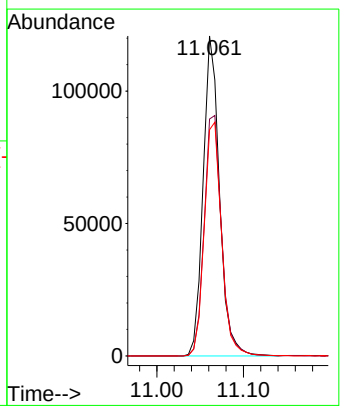


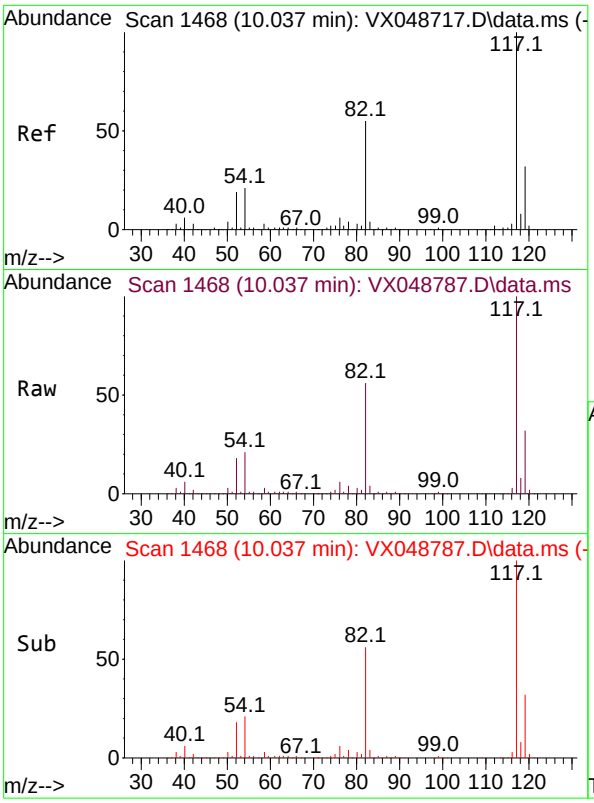


#62
4-Bromofluorobenzene
Concen: 56.676 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 95 Resp: 158542

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	157.8
176	77.2	0.0	154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:117 Resp: 34128

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.1	66.1
119	31.8	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

Manual Integrations
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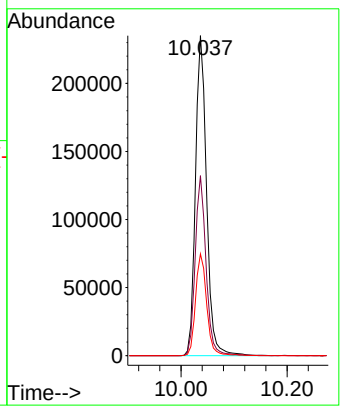
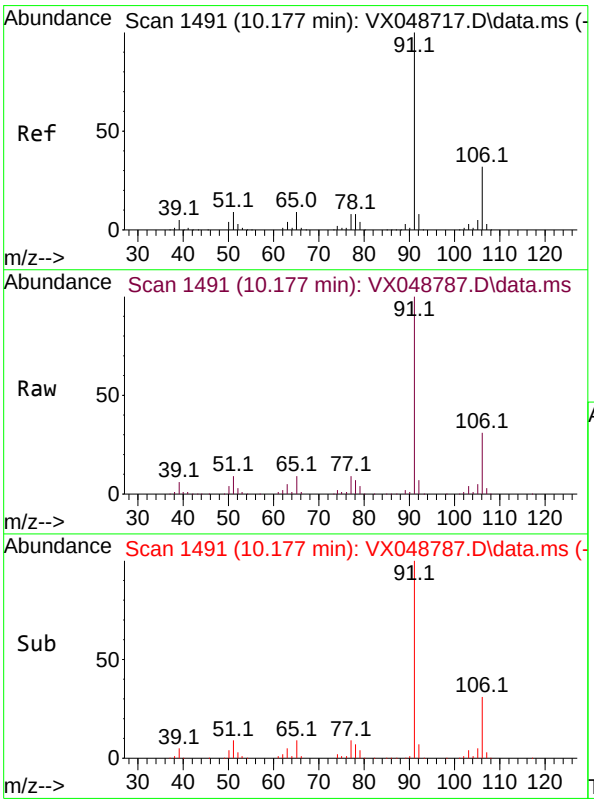
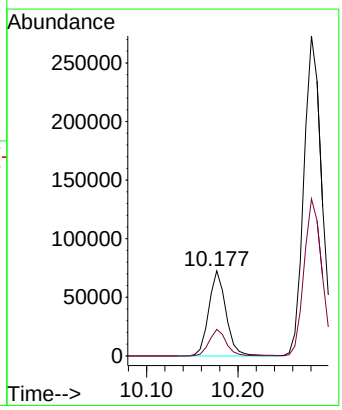


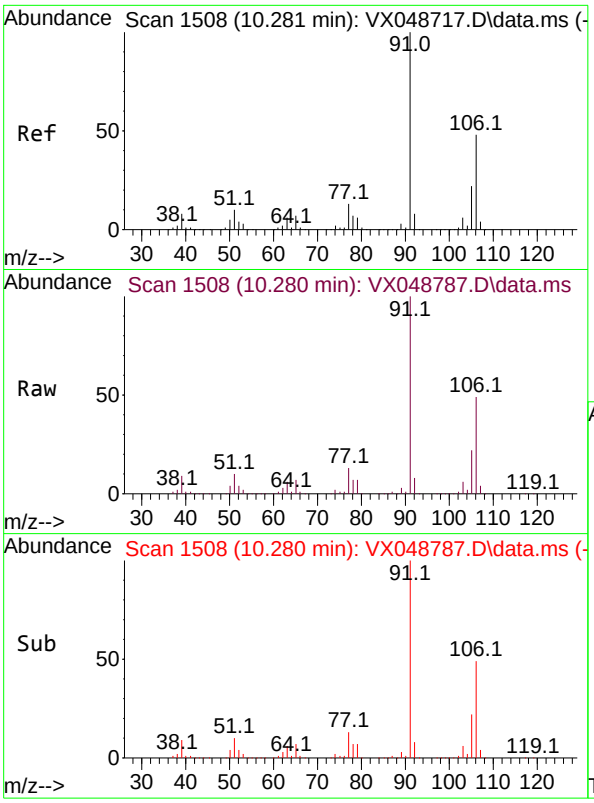


#67
Ethyl Benzene
Concen: 7.806 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion: 91 Resp: 95154

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.3	37.9





#68
m/p-Xylenes
Concen: 38.844 ug/l
RT: 10.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:106 Resp: 18444

Ion	Ratio	Lower	Upper
106	100		
91	203.3	164.2	246.4

Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

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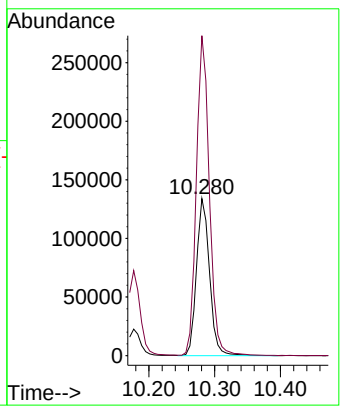
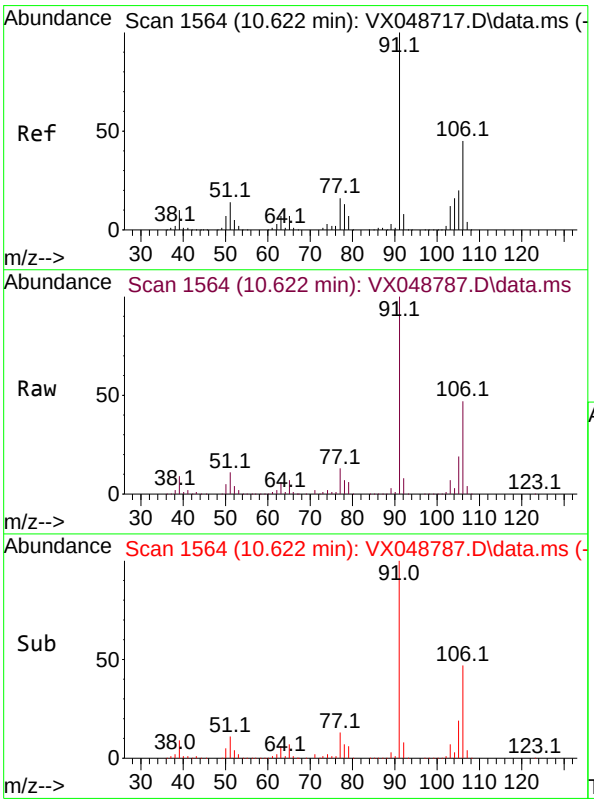
Supervised By :Mahesh Dadoda 12/10/2025

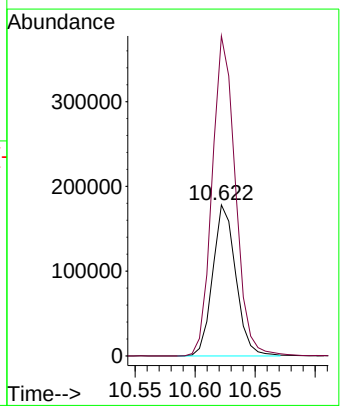


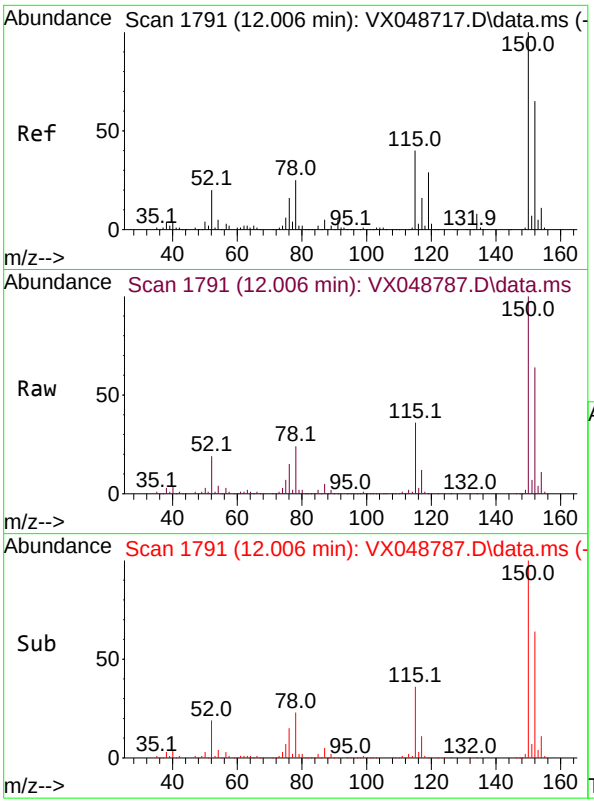


#69
o-Xylene
Concen: 53.410 ug/l m
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:106 Resp: 237646

Ion	Ratio	Lower	Upper
106	100		
91	0.0	108.1	324.3#

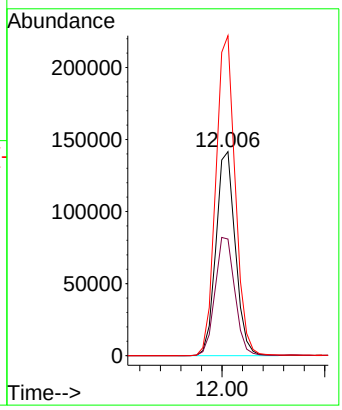




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:152 Resp: 18595

Ion	Ratio	Lower	Upper
152	100		
115	59.3	42.1	126.4
150	157.1	0.0	347.8



Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

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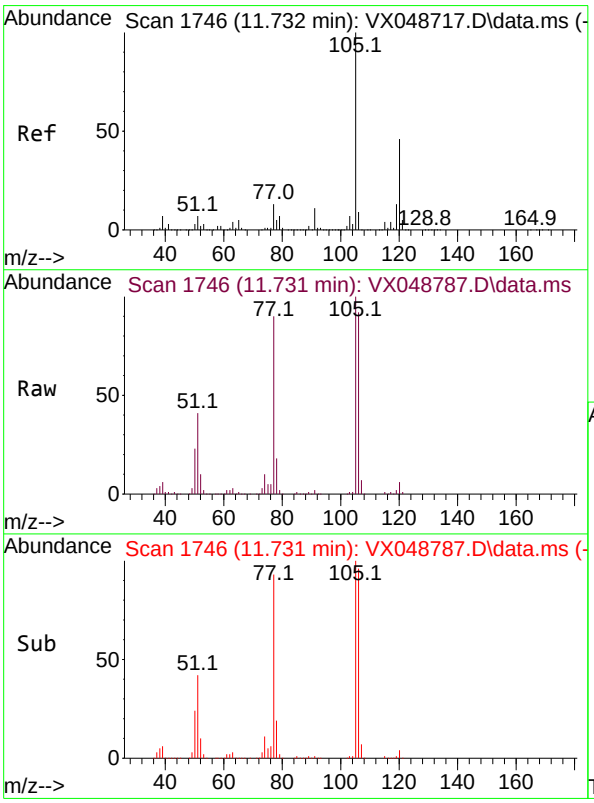
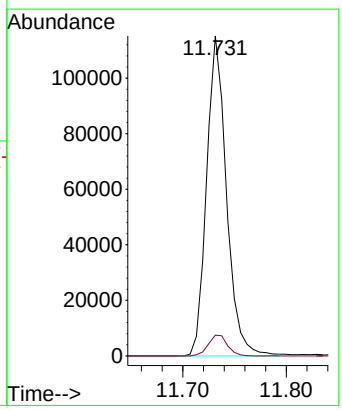
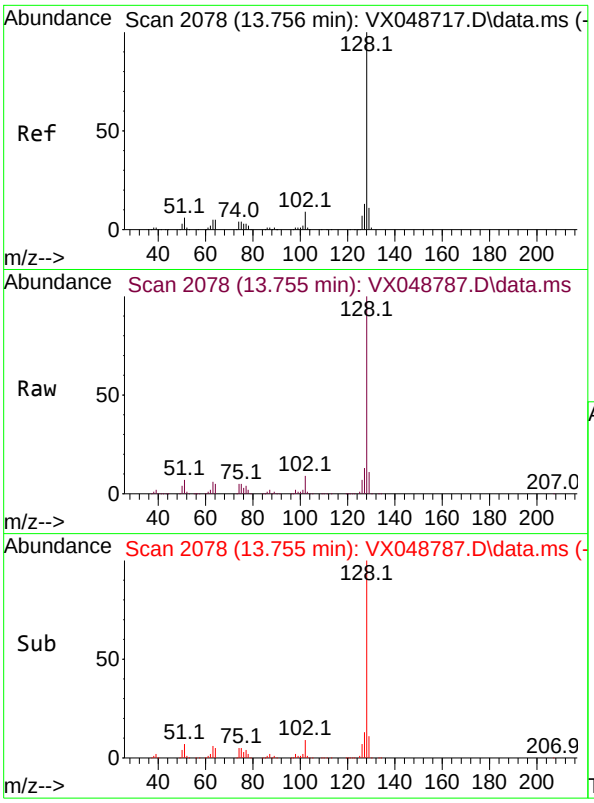


#84
1,2,4-Trimethylbenzene
Concen: 14.778 ug/l m
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:105 Resp: 153551

Ion	Ratio	Lower	Upper
105	100		
120	0.9	22.3	66.8#

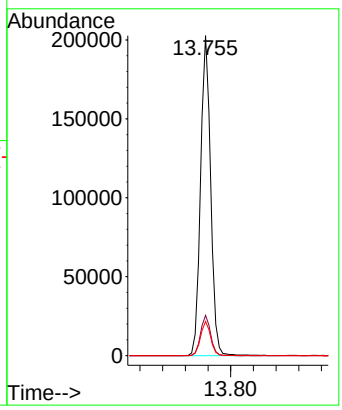




#95
Naphthalene
Concen: 24.098 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048787.D
Acq: 09 Dec 2025 16:09

Tgt Ion:128 Resp: 24960

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.6	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
CHASE-K

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