

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047405.D
 Acq On : 19 Aug 2025 12:37
 Operator : JC/MD
 Sample : VX0819WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 12:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	228746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	395063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	189413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173401	54.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.320%	
35) Dibromofluoromethane	5.397	113	133228	51.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.920%	
50) Toluene-d8	8.653	98	464961	50.736	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	11.079	95	181529	53.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	48167	16.518	ug/l	99
3) Chloromethane	1.313	50	47416	18.076	ug/l	95
4) Vinyl Chloride	1.392	62	54098	16.431	ug/l #	64
5) Bromomethane	1.630	94	18415	13.847	ug/l	98
6) Chloroethane	1.709	64	40053	19.883	ug/l	99
7) Trichlorofluoromethane	1.904	101	79190	16.260	ug/l	94
8) Diethyl Ether	2.148	74	31587	18.420	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	47865	16.943	ug/l	100
10) Methyl Iodide	2.471	142	60898	12.579	ug/l	96
11) Tert butyl alcohol	2.965	59	30718	110.297	ug/l	98
12) 1,1-Dichloroethene	2.337	96	47603	16.528	ug/l	95
13) Acrolein	2.251	56	49016	83.374	ug/l	99
14) Allyl chloride	2.678	41	86456	17.283	ug/l	99
15) Acrylonitrile	3.081	53	131580	97.773	ug/l	98
16) Acetone	2.392	43	118674	98.621	ug/l	96
17) Carbon Disulfide	2.532	76	143093	16.465	ug/l	99
18) Methyl Acetate	2.715	43	63853	20.477	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	165202	18.855	ug/l	95
20) Methylene Chloride	2.806	84	58414	18.332	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	52164	17.065	ug/l	95
22) Diisopropyl ether	3.776	45	185604	18.771	ug/l	97
23) Vinyl Acetate	3.739	43	769207	94.909	ug/l	99
24) 1,1-Dichloroethane	3.629	63	100080	17.907	ug/l	97
25) 2-Butanone	4.568	43	160156	101.623	ug/l	99
26) 2,2-Dichloropropane	4.495	77	72356	17.153	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	63332	17.788	ug/l	100
28) Bromochloromethane	4.916	49	50702	21.801	ug/l	98
29) Tetrahydrofuran	5.025	42	102951	101.069	ug/l	98
30) Chloroform	5.105	83	104850	18.382	ug/l	97
31) Cyclohexane	5.483	56	81758	15.869	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	86106	17.538	ug/l	99
36) 1,1-Dichloropropene	5.708	75	66551	16.443	ug/l	98
37) Ethyl Acetate	4.727	43	75546	17.979	ug/l	98
38) Carbon Tetrachloride	5.690	117	75099	16.979	ug/l	98
39) Methylcyclohexane	7.385	83	80376	15.920	ug/l	96
40) Benzene	6.050	78	213254	17.603	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	33732	19.037	ug/l	98
42) 1,2-Dichloroethane	6.098	62	81377	18.964	ug/l	99
43) Isopropyl Acetate	6.348	43	116749	19.341	ug/l	99
44) Trichloroethene	7.135	130	53112	17.122	ug/l	99
45) 1,2-Dichloropropane	7.433	63	55453	18.271	ug/l	99
46) Dibromomethane	7.586	93	41218	18.707	ug/l	98
47) Bromodichloromethane	7.824	83	82785	18.123	ug/l	96
48) Methyl methacrylate	7.696	41	59306	18.928	ug/l	98
49) 1,4-Dioxane	7.683	88	12842	421.610	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	351322	101.138	ug/l	98
52) Toluene	8.720	92	135282	18.071	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74320	18.642	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	82154	18.206	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	54565	19.197	ug/l	98
56) Ethyl methacrylate	9.116	69	80828	19.288	ug/l	98
57) 1,3-Dichloropropane	9.311	76	92722	19.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	190782	100.511	ug/l	100
59) 2-Hexanone	9.433	43	241137	100.355	ug/l	97
60) Dibromochloromethane	9.518	129	62976	18.644	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56725	19.354	ug/l	96
64) Tetrachloroethene	9.275	164	44006	16.386	ug/l	98
65) Chlorobenzene	10.079	112	150949	17.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51594	17.298	ug/l	99
67) Ethyl Benzene	10.195	91	255830	16.847	ug/l	100
68) m/p-Xylenes	10.299	106	194493	34.348	ug/l	98
69) o-Xylene	10.640	106	92973	17.062	ug/l	100
70) Styrene	10.652	104	162232	17.620	ug/l	100
71) Bromoform	10.799	173	40831	18.222	ug/l #	98
73) Isopropylbenzene	10.963	105	244270	16.480	ug/l	99
74) N-amyl acetate	10.841	43	100184	17.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	79781	18.332	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59679m	17.179	ug/l	
77) Bromobenzene	11.195	156	63251	17.475	ug/l	97
78) n-propylbenzene	11.305	91	293555	16.583	ug/l	100
79) 2-Chlorotoluene	11.360	91	179419	16.766	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206343	16.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9694	18.086	ug/l	93
82) 4-Chlorotoluene	11.451	91	212416	16.839	ug/l	100
83) tert-Butylbenzene	11.713	119	203047	16.688	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	208526	17.098	ug/l	99
85) sec-Butylbenzene	11.890	105	251738	16.692	ug/l	100
86) p-Isopropyltoluene	12.006	119	213521	16.732	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118575	17.148	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	118652	16.684	ug/l	98
89) n-Butylbenzene	12.329	91	197278	16.620	ug/l	100
90) Hexachloroethane	12.536	117	36224	16.180	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	113288	17.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14730	17.502	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	72411	16.457	ug/l	99
94) Hexachlorobutadiene	13.719	225	25996	16.599	ug/l	97
95) Naphthalene	13.774	128	219869	17.486	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71446	17.227	ug/l	98

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ClientSampleId :
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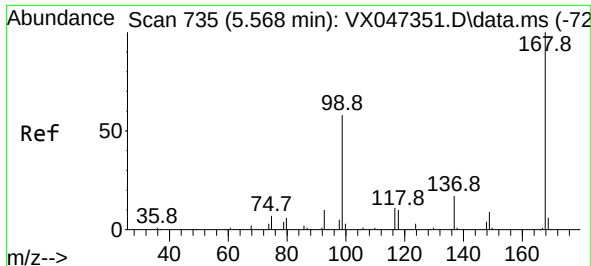
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

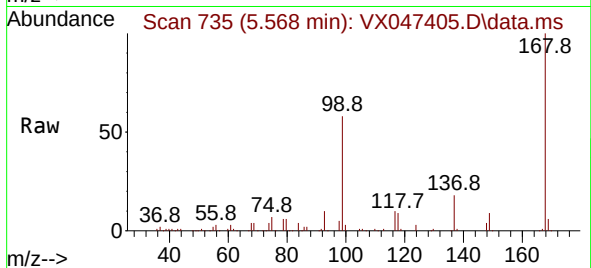
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
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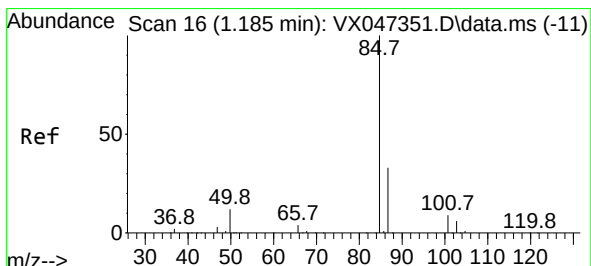
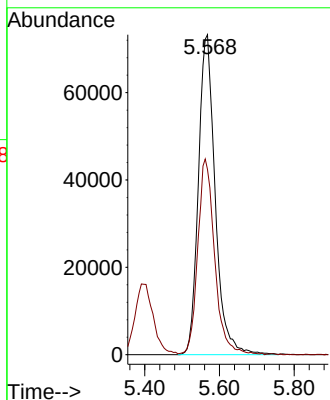
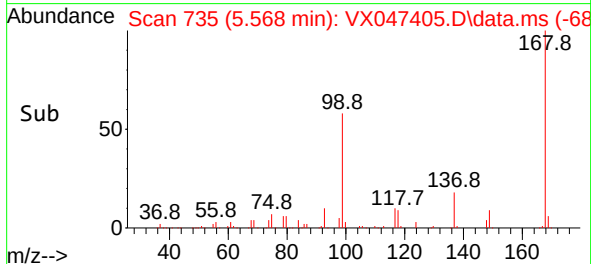
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



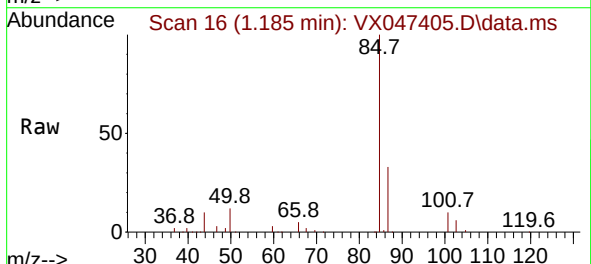
Tgt Ion:168 Resp: 228740
Ion Ratio Lower Upper
168 100
99 57.9 47.9 71.9

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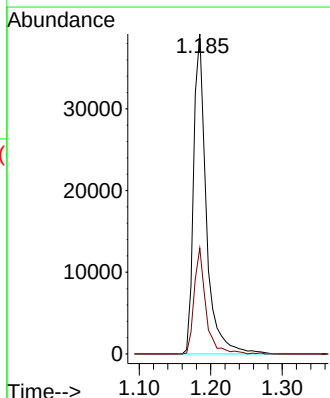
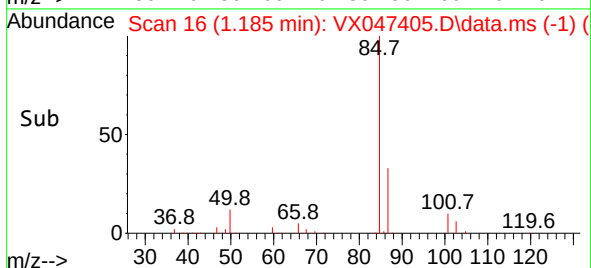
Reviewed By :John Carlone 08/20/2025
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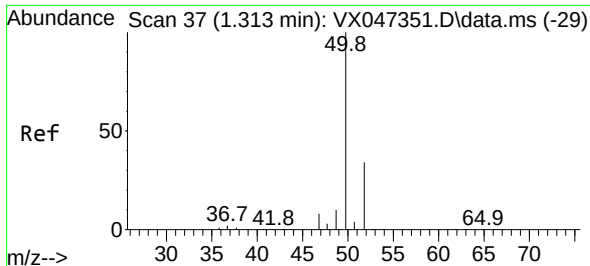


#2
Dichlorodifluoromethane
Concen: 16.518 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



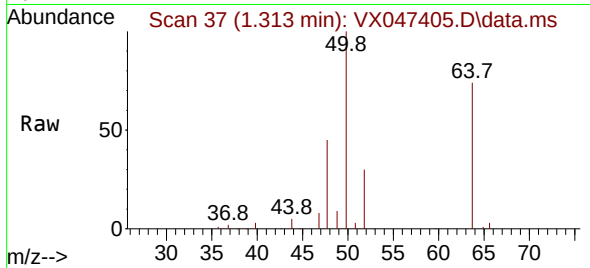
Tgt Ion: 85 Resp: 48167
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.1





#3
Chloromethane
Concen: 18.076 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

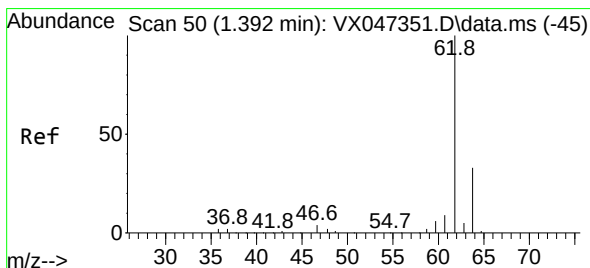
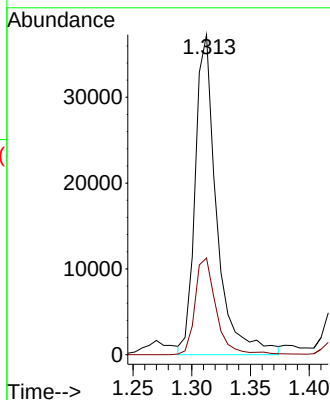
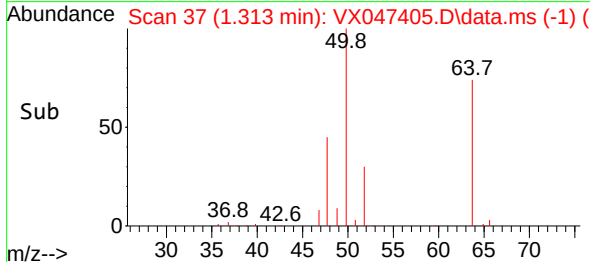
Instrument :
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Tgt Ion: 50 Resp: 47410
Ion Ratio Lower Upper
50 100
52 30.8 27.0 40.4

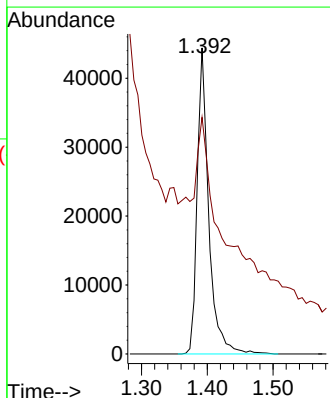
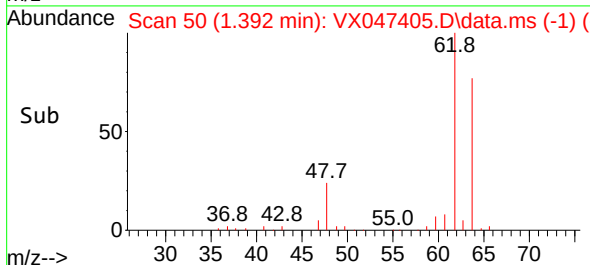
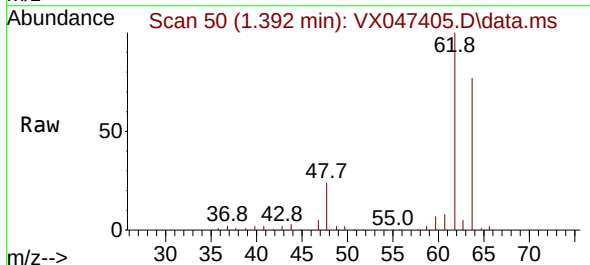
Manual Integrations
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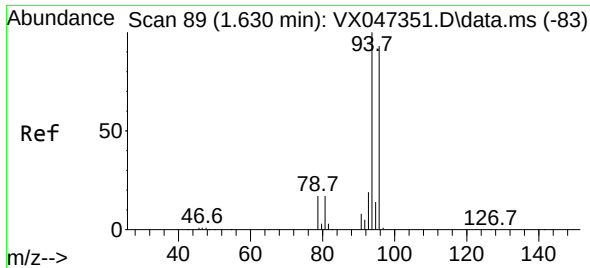
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#4
Vinyl Chloride
Concen: 16.431 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

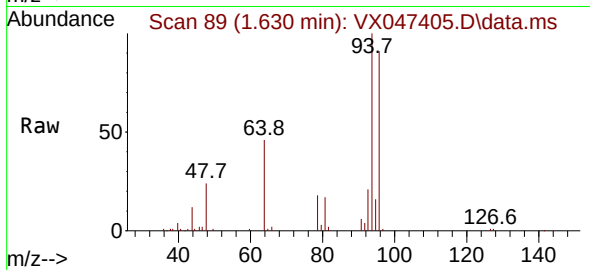
Tgt Ion: 62 Resp: 54098
Ion Ratio Lower Upper
62 100
64 53.5 26.5 39.7#





#5
Bromomethane
Concen: 13.847 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

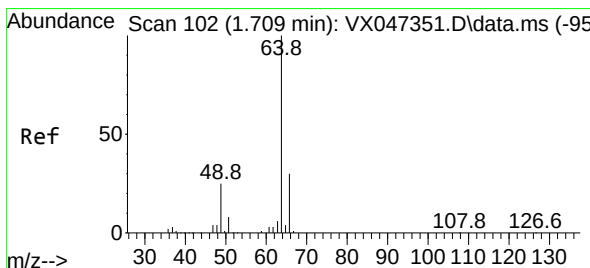
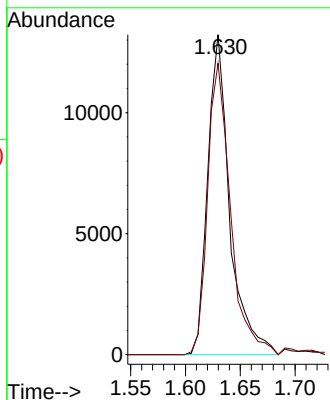
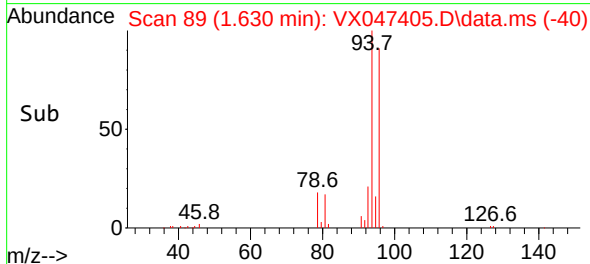
Instrument :
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Tgt Ion: 94 Resp: 1841
Ion Ratio Lower Upper
94 100
96 91.1 74.7 112.1

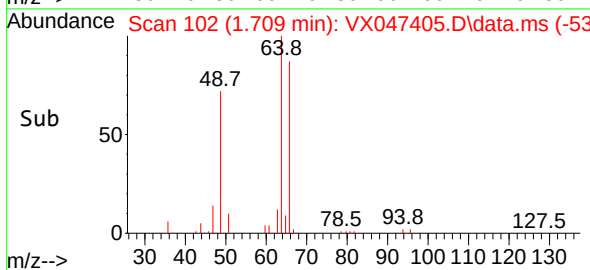
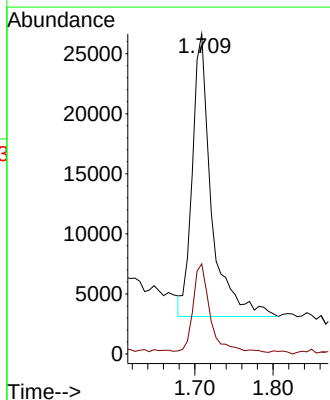
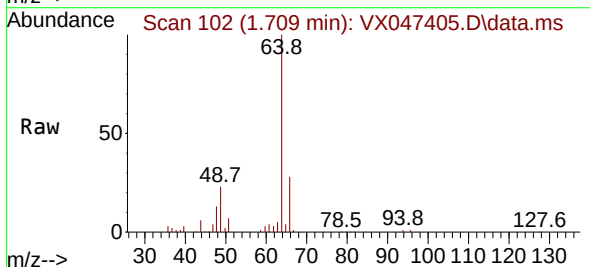
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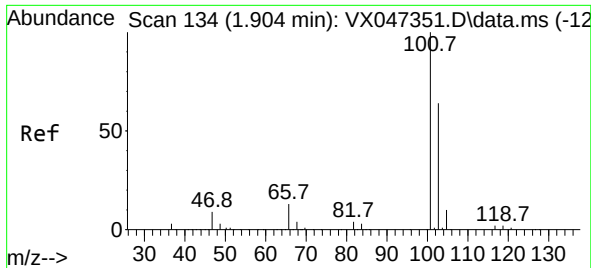
Reviewed By :John Carlone 08/20/2025
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#6
Chloroethane
Concen: 19.883 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

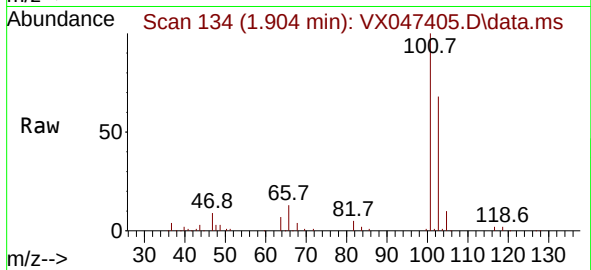
Tgt Ion: 64 Resp: 40053
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 16.260 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

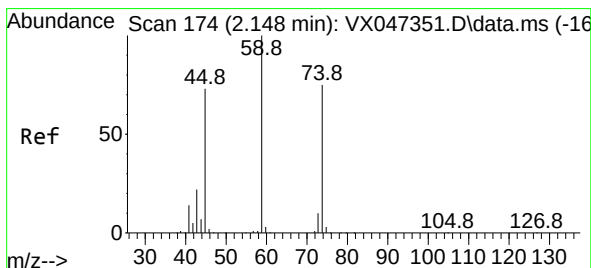
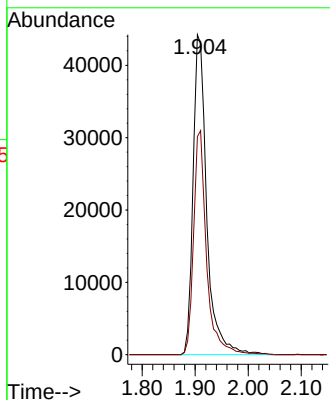
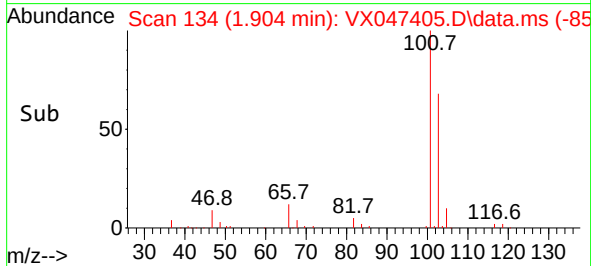
Instrument :
MSVOA_X
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VX0819WBSD01



Tgt Ion:101 Resp: 79190
Ion Ratio Lower Upper
101 100
103 68.2 50.9 76.3

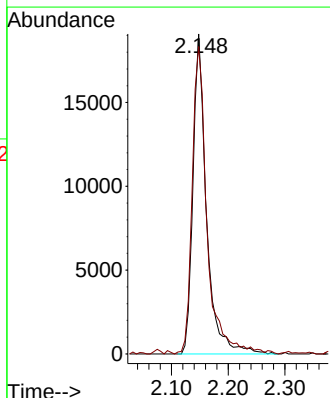
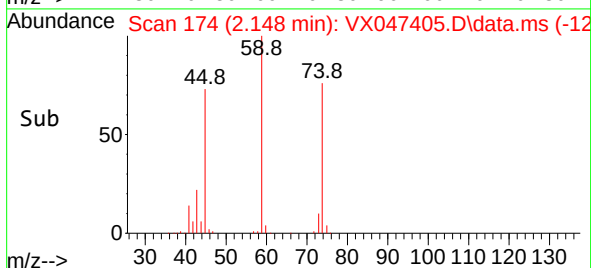
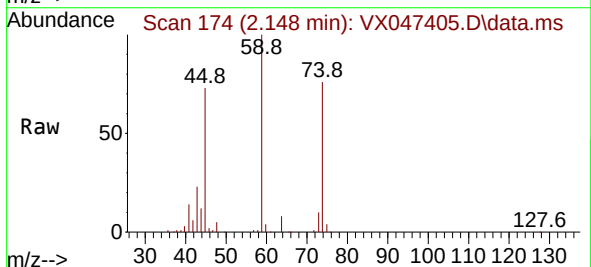
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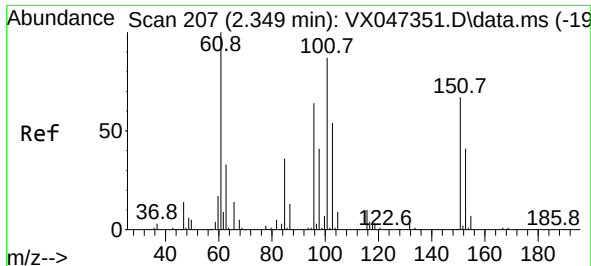
Reviewed By :John Carlone 08/20/2025
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#8
Diethyl Ether
Concen: 18.420 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047405.D
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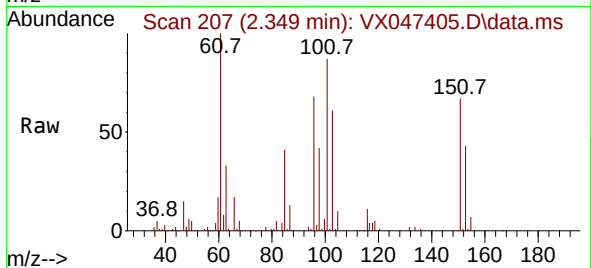
Tgt Ion: 74 Resp: 31587
Ion Ratio Lower Upper
74 100
45 105.4 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.943 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

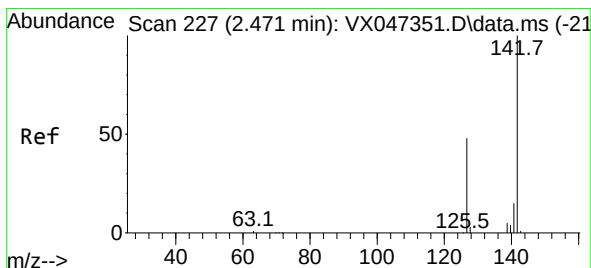
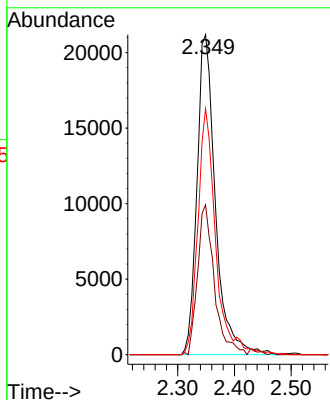
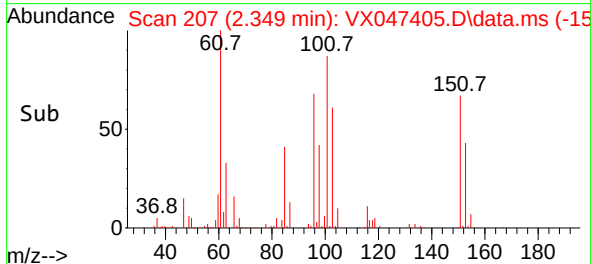
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ClientSampleId :
VX0819WBSD01



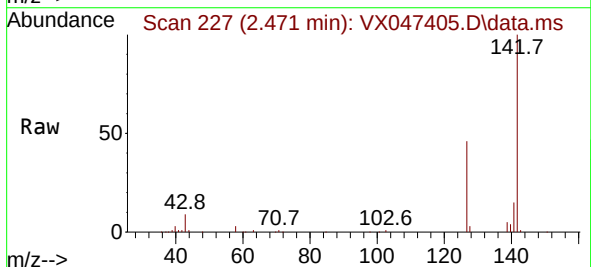
Tgt Ion:101 Resp: 4786
Ion Ratio Lower Upper
101 100
85 42.6 34.3 51.5
151 74.2 59.2 88.8

Manual Integrations
APPROVED

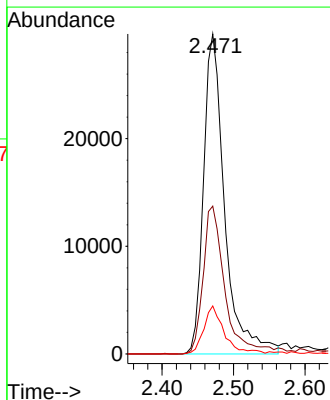
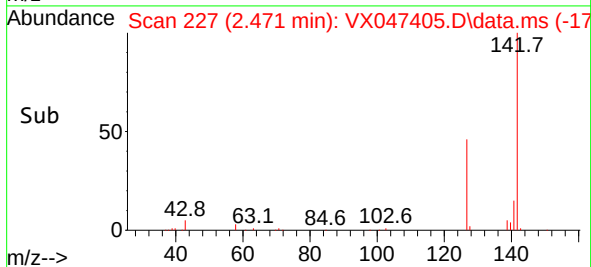
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

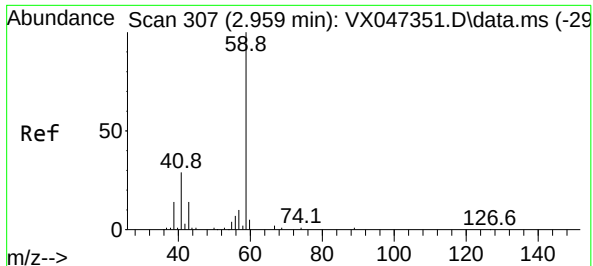


#10
Methyl Iodide
Concen: 12.579 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



Tgt Ion:142 Resp: 60898
Ion Ratio Lower Upper
142 100
127 48.4 36.1 54.1
141 14.6 11.1 16.7





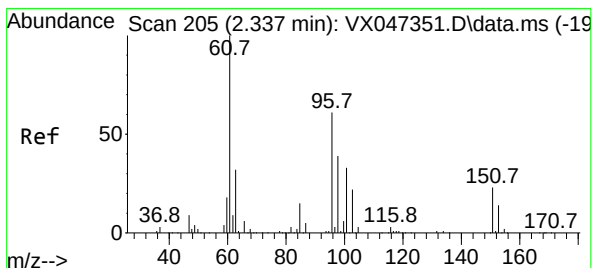
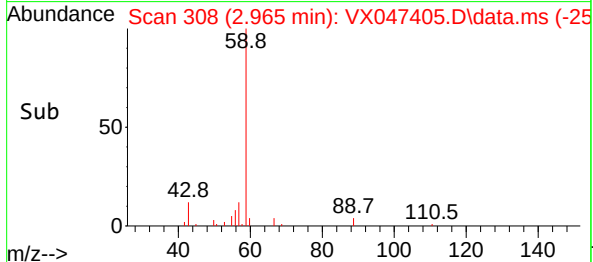
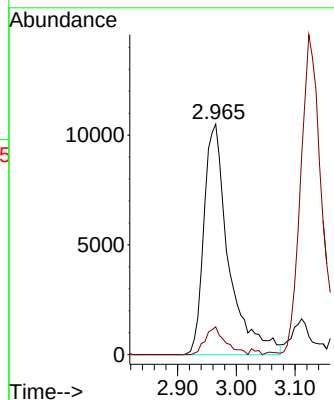
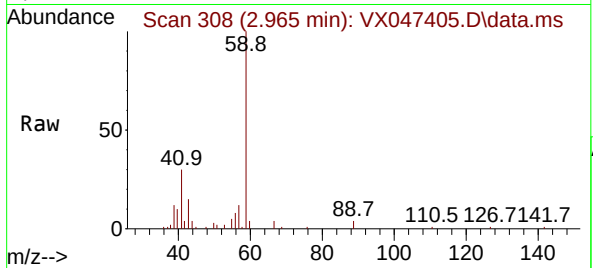
#11
Tert butyl alcohol
Concen: 110.297 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Tgt Ion: 59 Resp: 30718
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

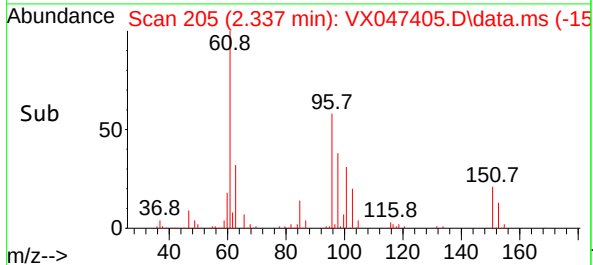
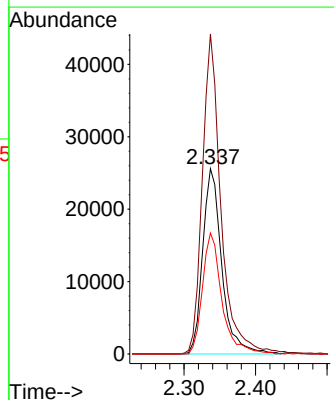
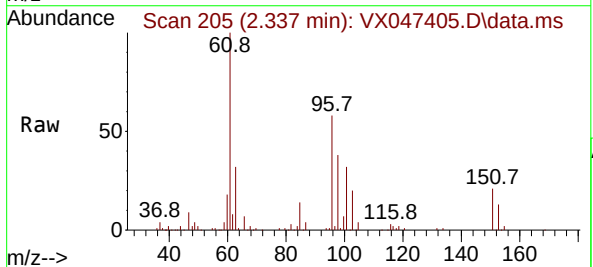
Manual Integrations
APPROVED

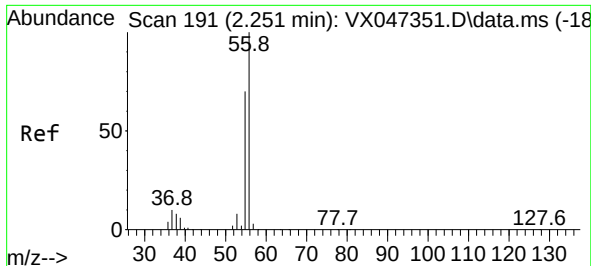
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#12
1,1-Dichloroethene
Concen: 16.528 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

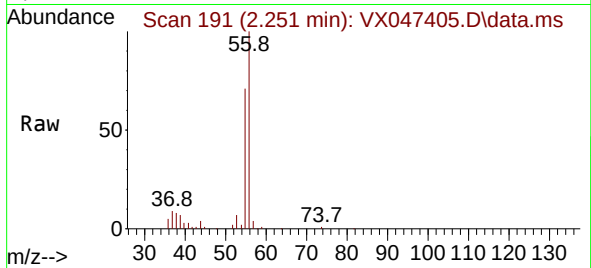
Tgt Ion: 96 Resp: 47603
Ion Ratio Lower Upper
96 100
61 172.6 132.2 198.2
98 67.0 51.2 76.8





#13
Acrolein
Concen: 83.374 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

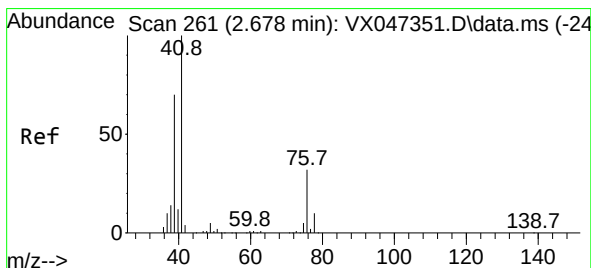
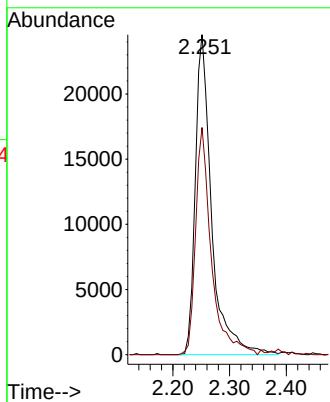
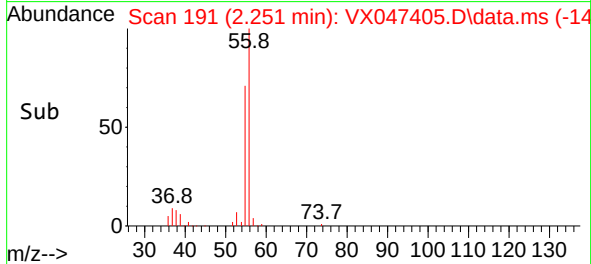
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 56 Resp: 49010
Ion Ratio Lower Upper
56 100
55 68.5 55.5 83.3

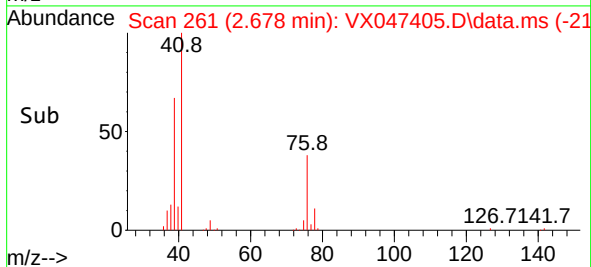
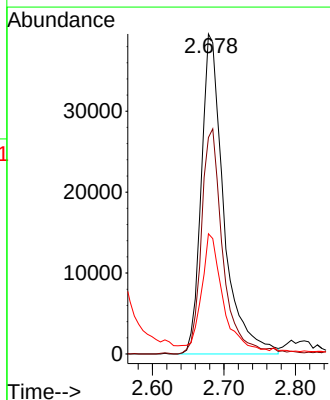
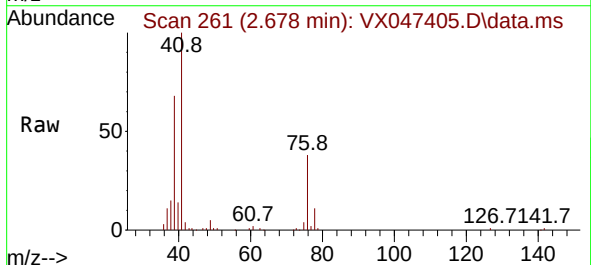
Manual Integrations
APPROVED

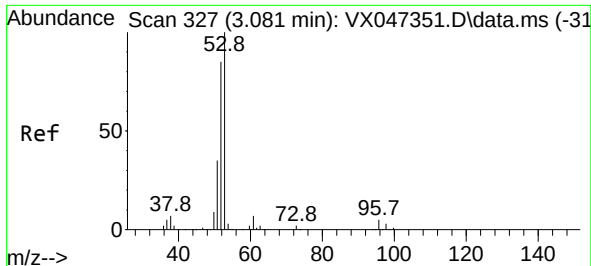
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Allyl chloride
Concen: 17.283 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

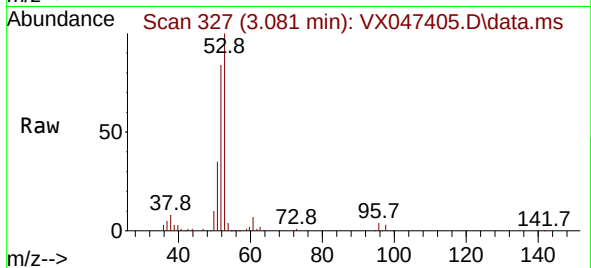
Tgt Ion: 41 Resp: 86456
Ion Ratio Lower Upper
41 100
39 67.6 54.6 81.8
76 34.7 27.6 41.4





#15
Acrylonitrile
Concen: 97.773 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

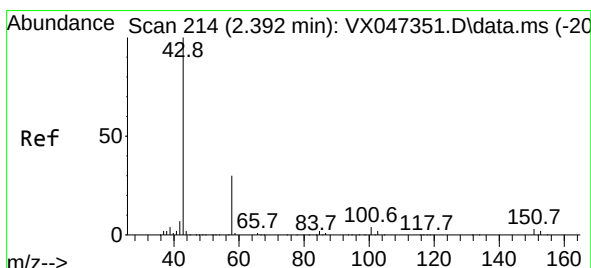
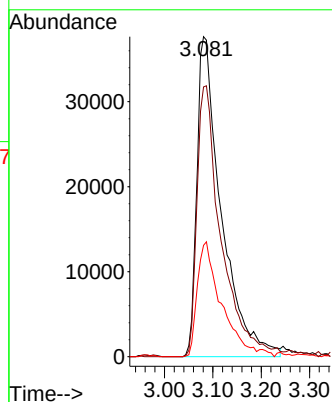
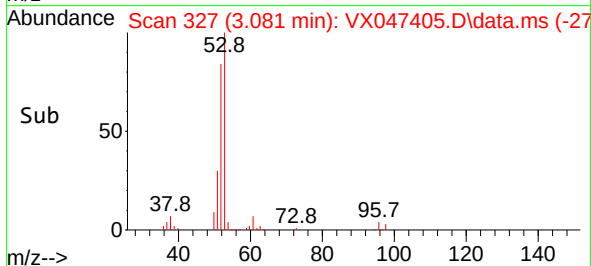
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



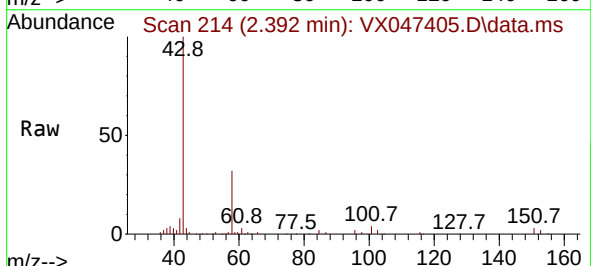
Tgt Ion: 53 Resp: 131580
Ion Ratio Lower Upper
53 100
52 83.9 65.8 98.6
51 36.0 28.2 42.2

Manual Integrations
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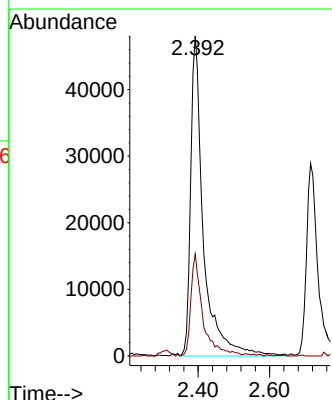
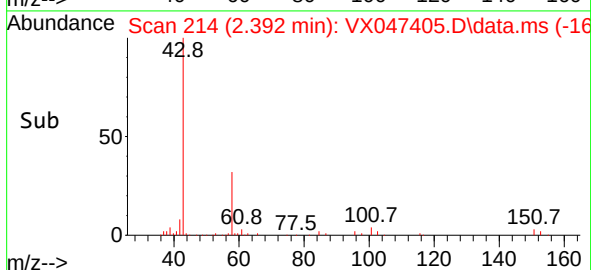
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

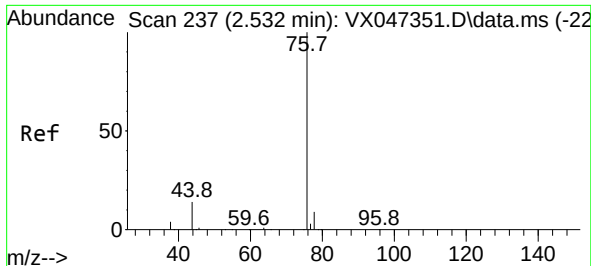


#16
Acetone
Concen: 98.621 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



Tgt Ion: 43 Resp: 118674
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2





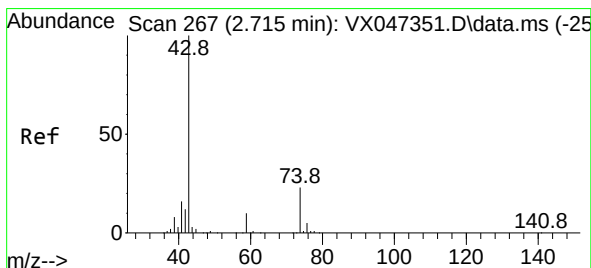
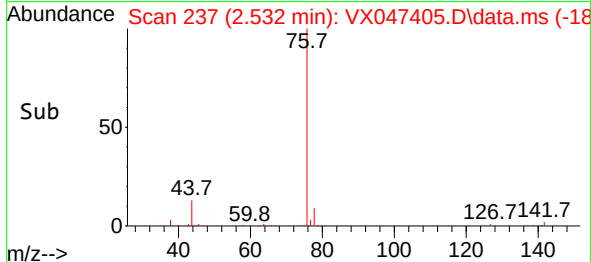
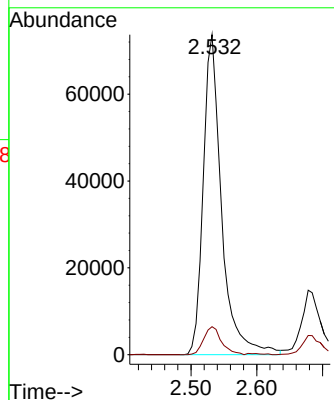
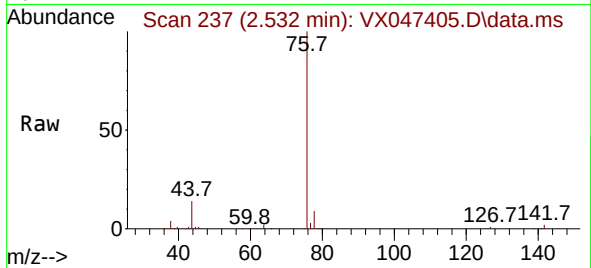
#17
Carbon Disulfide
Concen: 16.465 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Tgt Ion: 76 Resp: 14309
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

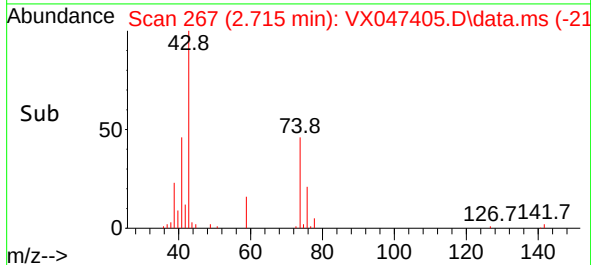
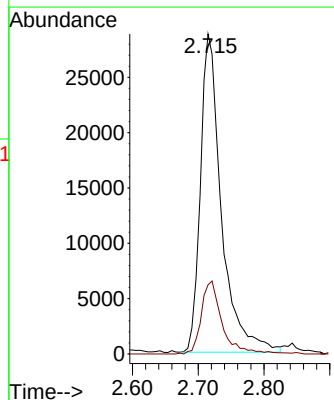
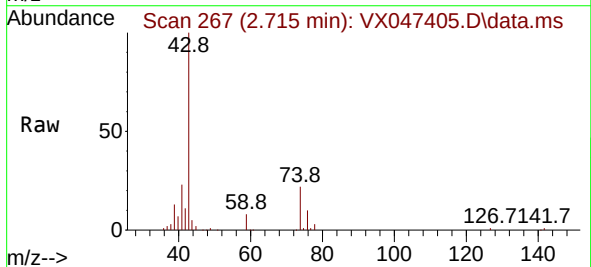
Manual Integrations
APPROVED

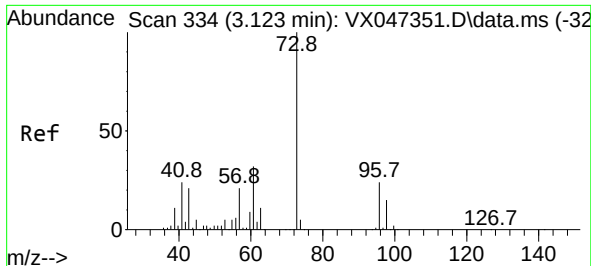
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 20.477 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 43 Resp: 63853
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6





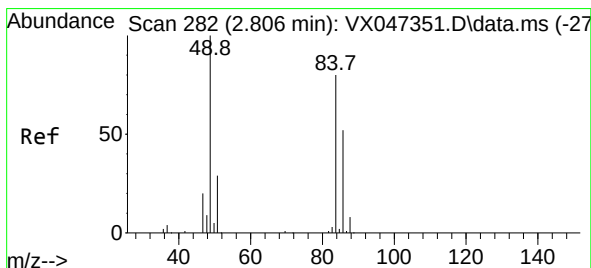
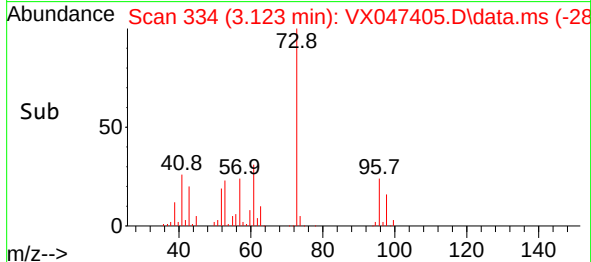
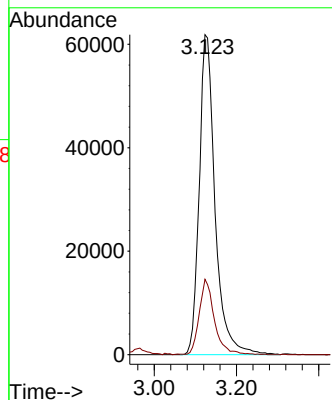
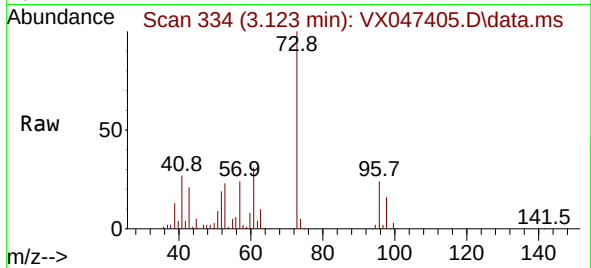
#19
Methyl tert-butyl Ether
Concen: 18.855 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Tgt Ion: 73 Resp: 16520
Ion Ratio Lower Upper
73 100
57 23.6 17.0 25.6

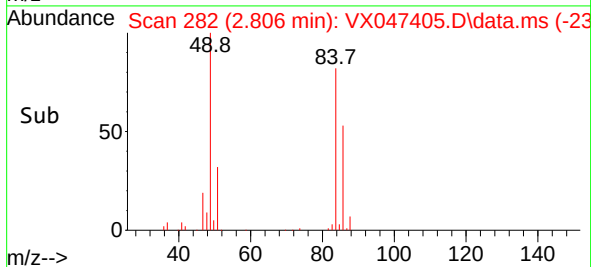
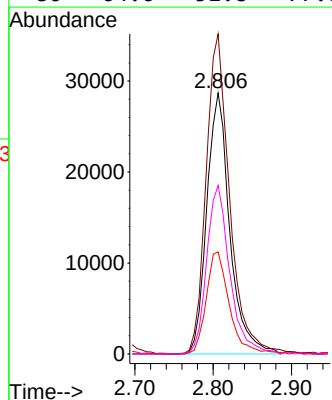
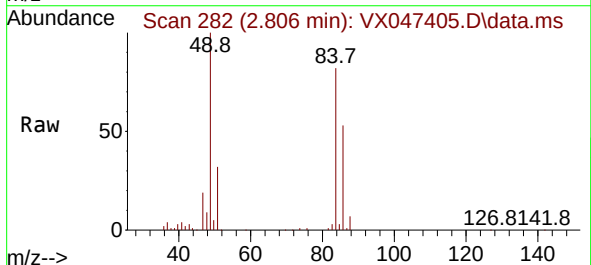
Manual Integrations
APPROVED

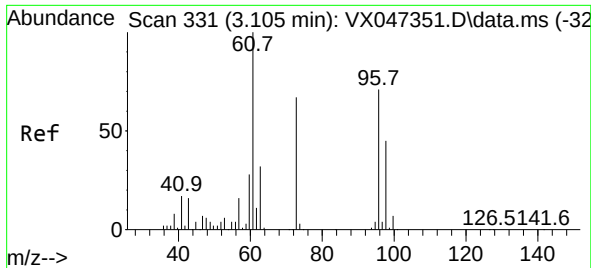
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 18.332 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

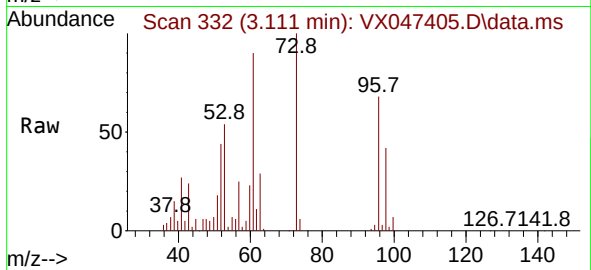
Tgt Ion: 84 Resp: 58414
Ion Ratio Lower Upper
84 100
49 122.4 100.1 150.1
51 39.1 29.5 44.3
86 64.6 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 17.065 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

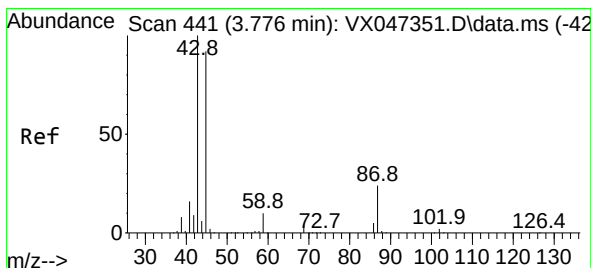
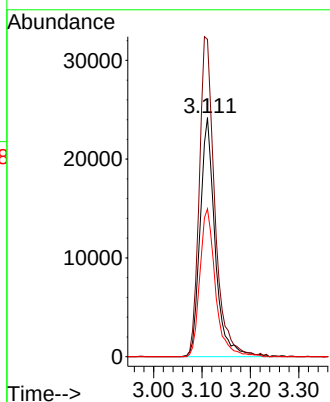
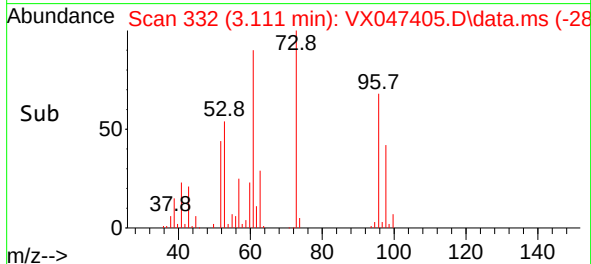
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 96 Resp: 52164
Ion Ratio Lower Upper
96 100
61 132.7 112.6 169.0
98 64.7 50.9 76.3

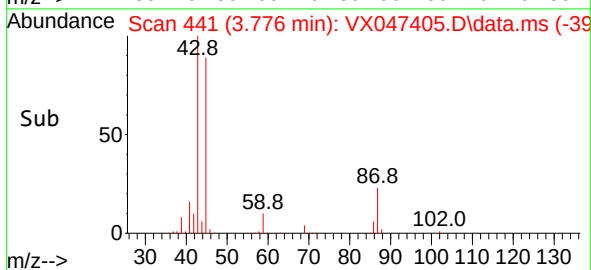
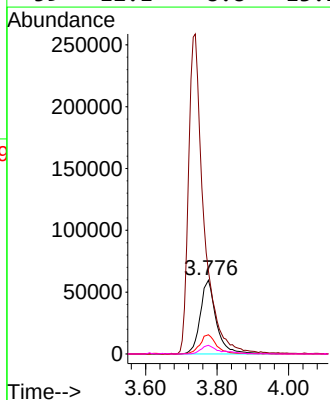
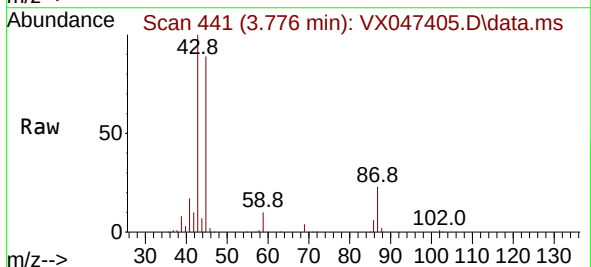
Manual Integrations
APPROVED

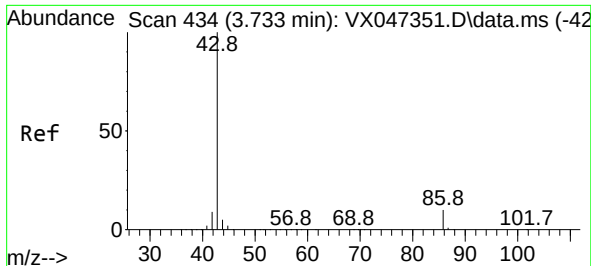
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 18.771 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 45 Resp: 185604
Ion Ratio Lower Upper
45 100
43 111.9 86.8 130.2
87 26.0 20.4 30.6
59 12.1 8.8 13.2





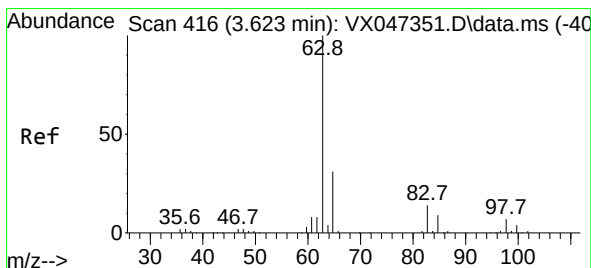
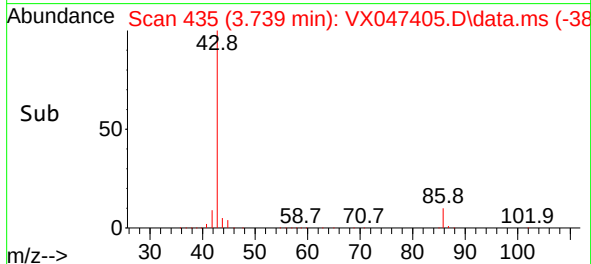
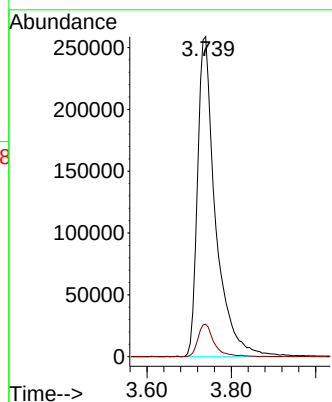
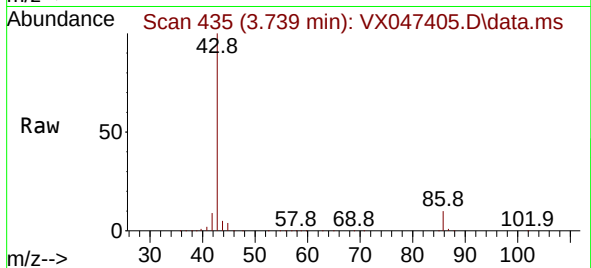
#23
 Vinyl Acetate
 Concen: 94.909 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047405.D
 Acq: 19 Aug 2025 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD01

Tgt Ion: 43 Resp: 76920
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

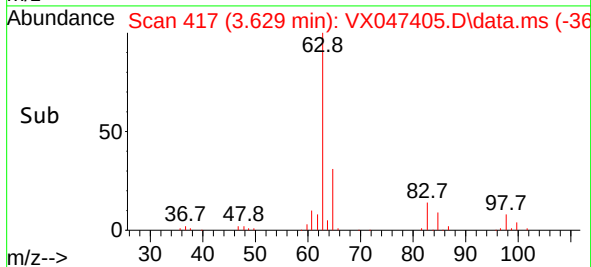
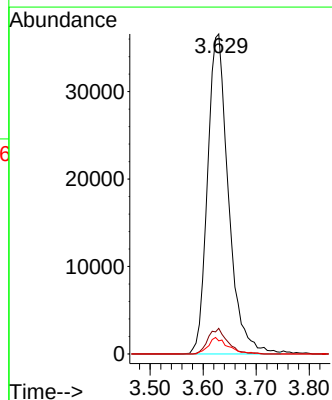
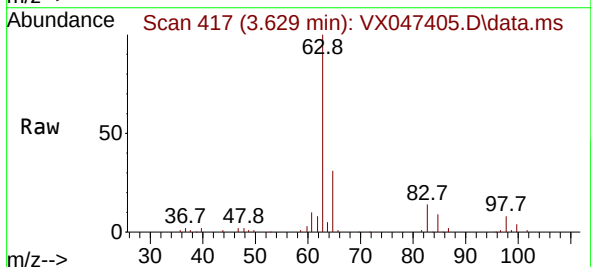
Manual Integrations
 APPROVED

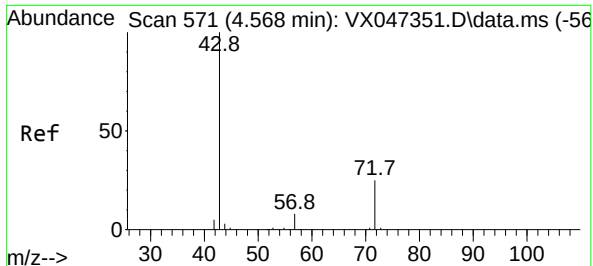
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#24
 1,1-Dichloroethane
 Concen: 17.907 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047405.D
 Acq: 19 Aug 2025 12:37

Tgt Ion: 63 Resp: 100080
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.9
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 101.623 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

Tgt Ion: 43 Resp: 160156

Ion Ratio Lower Upper

43 100

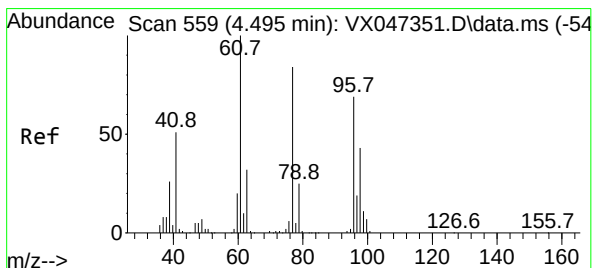
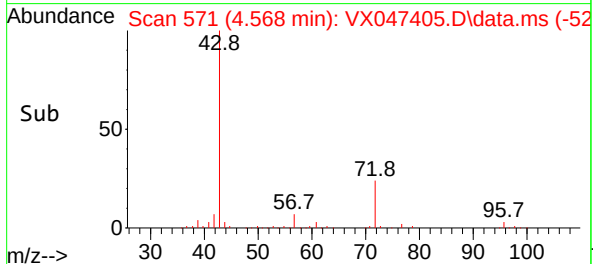
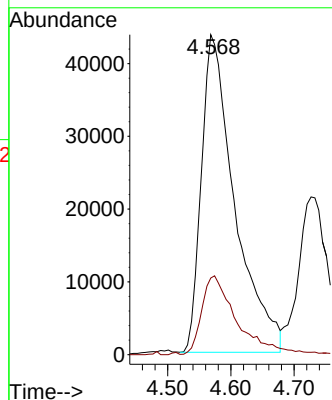
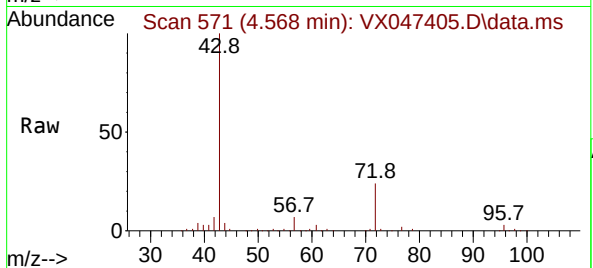
72 24.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#26

2,2-Dichloropropane

Concen: 17.153 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX047405.D

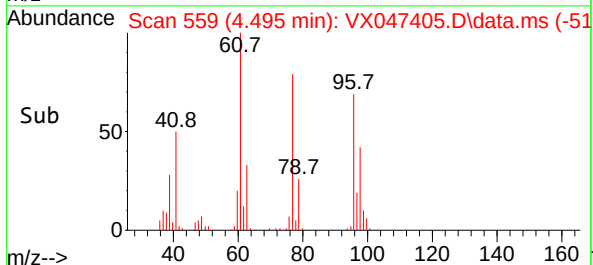
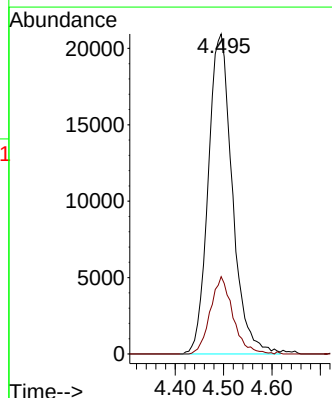
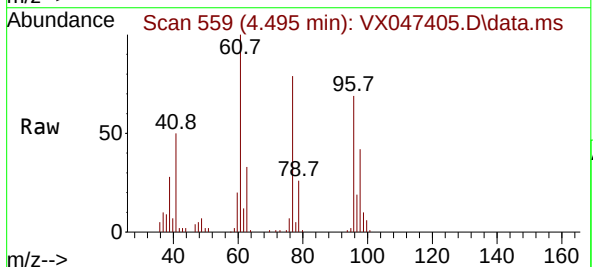
Acq: 19 Aug 2025 12:37

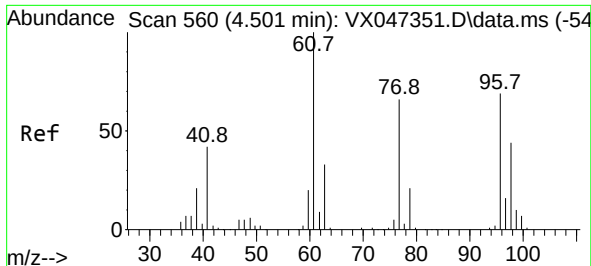
Tgt Ion: 77 Resp: 72356

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 17.788 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

Tgt Ion: 96 Resp: 6333

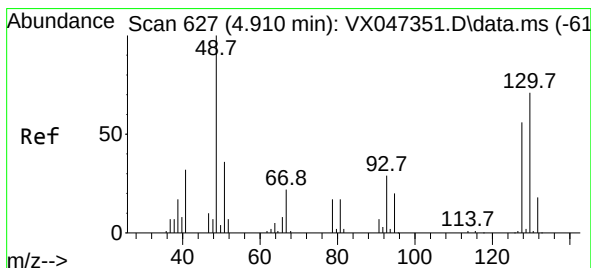
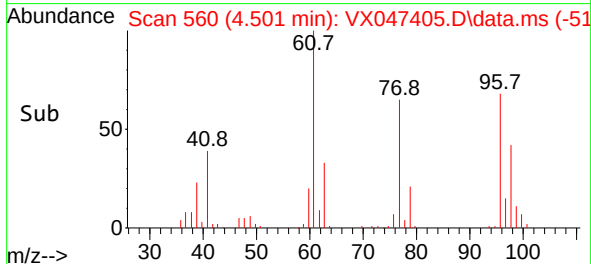
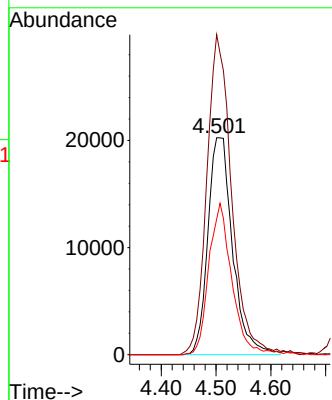
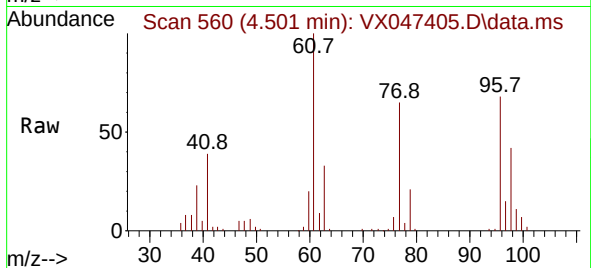
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	296.6
98	65.0	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#28

Bromochloromethane

Concen: 21.801 ug/l

RT: 4.916 min Scan# 628

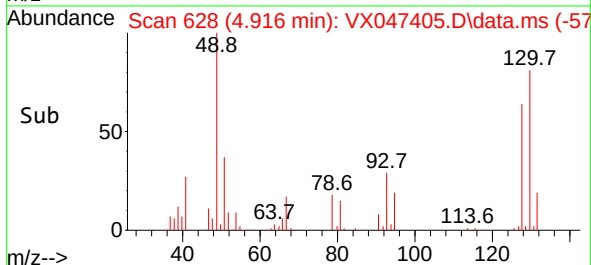
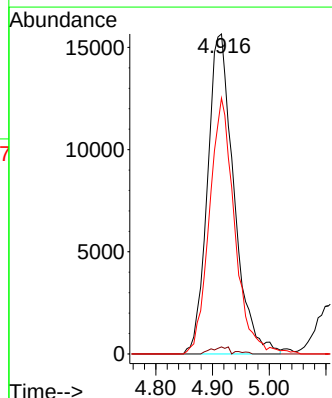
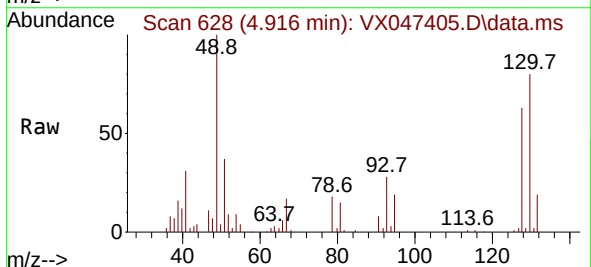
Delta R.T. 0.006 min

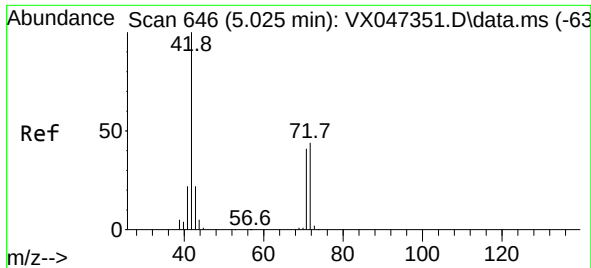
Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion: 49 Resp: 50702

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	76.5	59.8	89.6





#29

Tetrahydrofuran

Concen: 101.069 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

Tgt Ion: 42 Resp: 10295

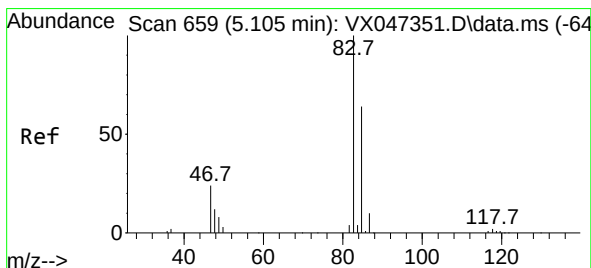
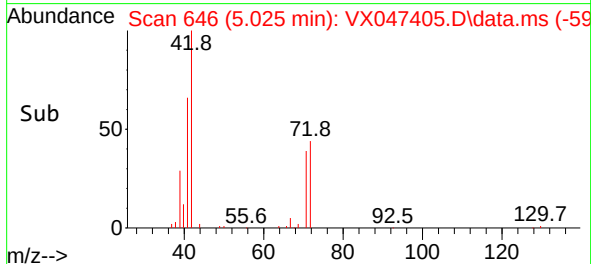
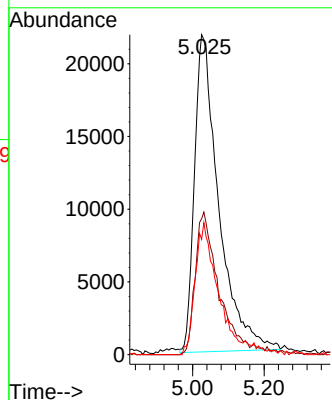
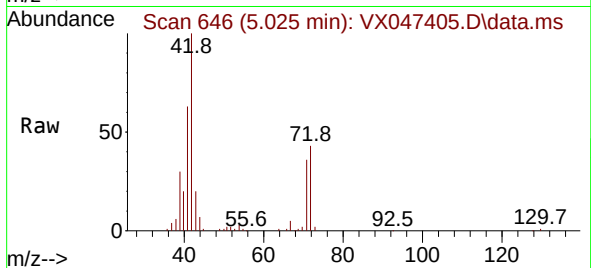
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	51.8
71	38.1	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 18.382 ug/l

RT: 5.105 min Scan# 659

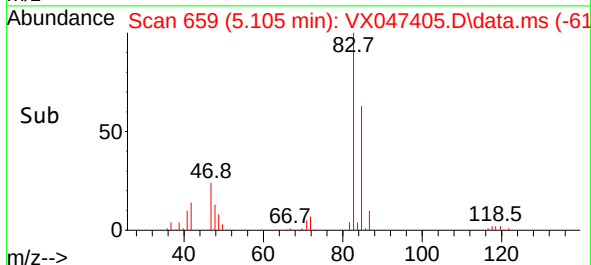
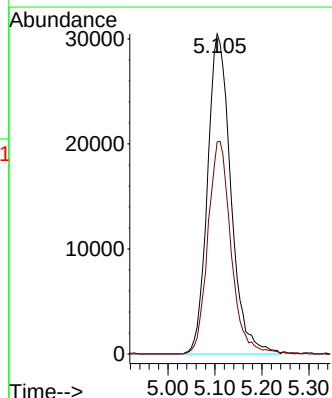
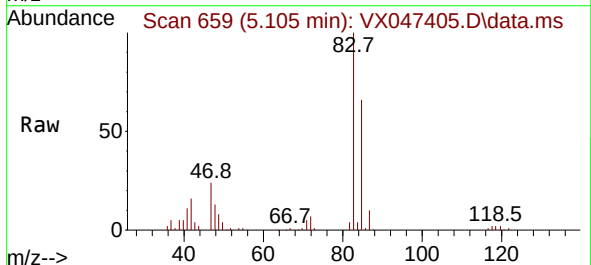
Delta R.T. 0.000 min

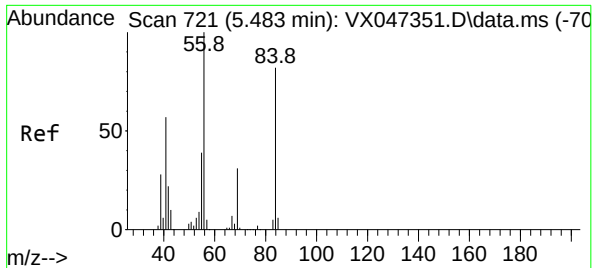
Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion: 83 Resp: 104850

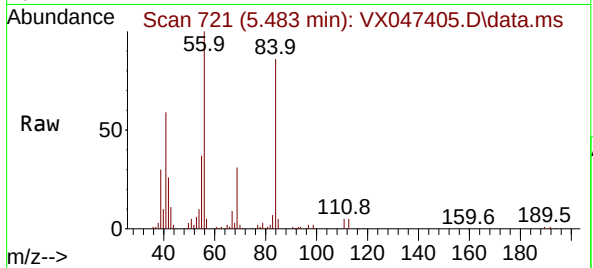
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.2	76.8





#31
Cyclohexane
Concen: 15.869 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

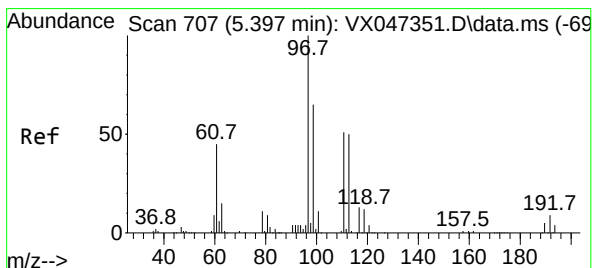
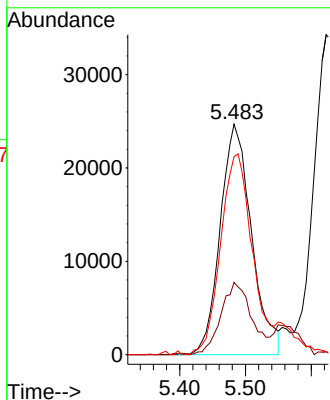
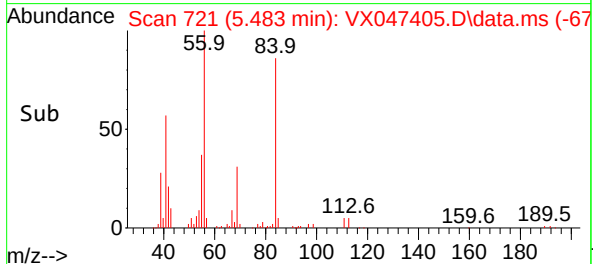
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



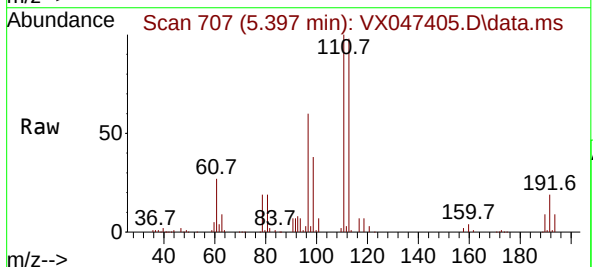
Tgt Ion: 56 Resp: 81758
Ion Ratio Lower Upper
56 100
69 31.0 24.3 36.5
84 84.3 65.3 97.9

Manual Integrations
APPROVED

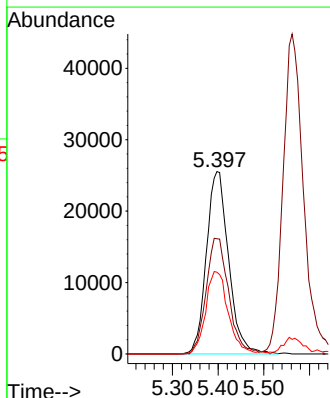
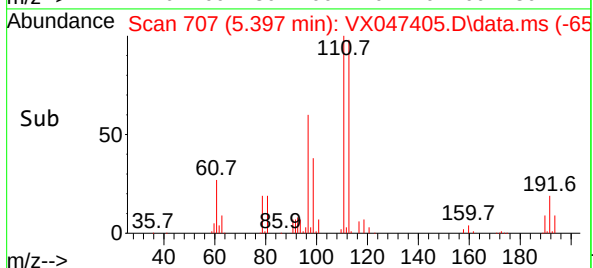
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

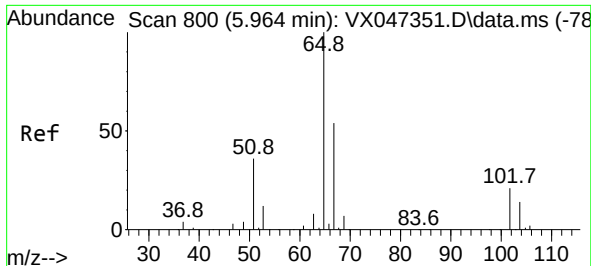


#32
1,1,1-Trichloroethane
Concen: 17.538 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



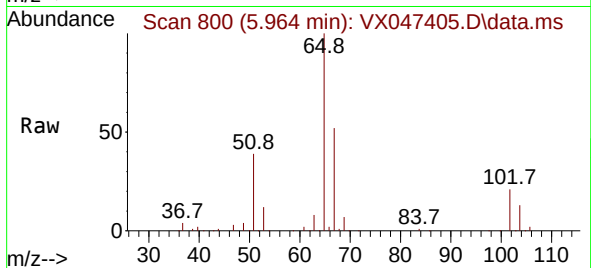
Tgt Ion: 97 Resp: 86106
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 45.7 35.7 53.5





#33
 1,2-Dichloroethane-d4
 Concen: 54.165 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047405.D
 Acq: 19 Aug 2025 12:37

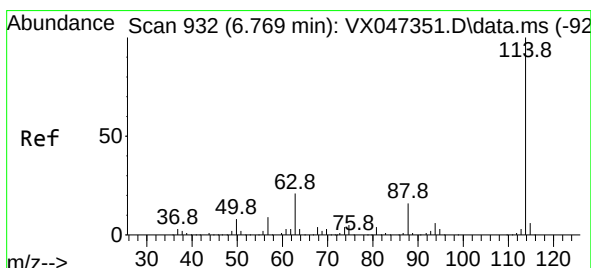
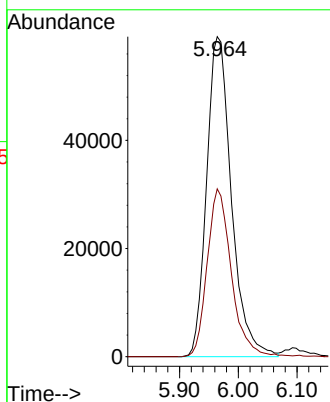
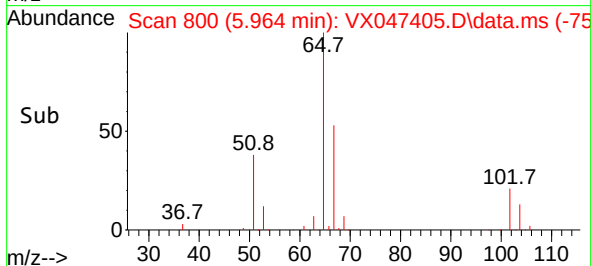
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBSD01



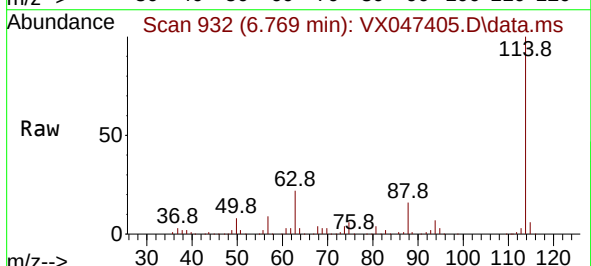
Tgt Ion: 65 Resp: 17340
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.0

Manual Integrations
 APPROVED

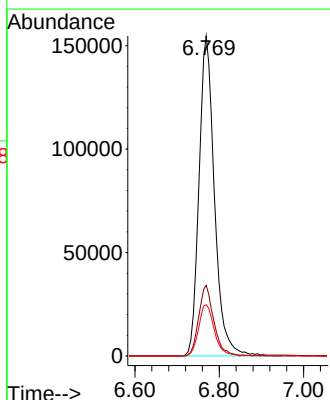
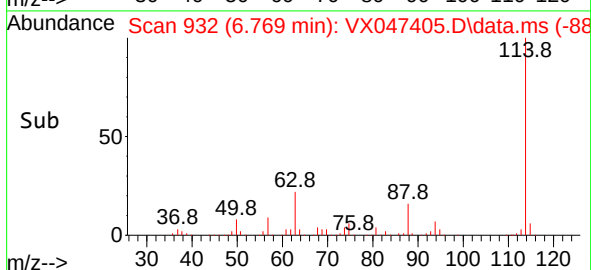
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

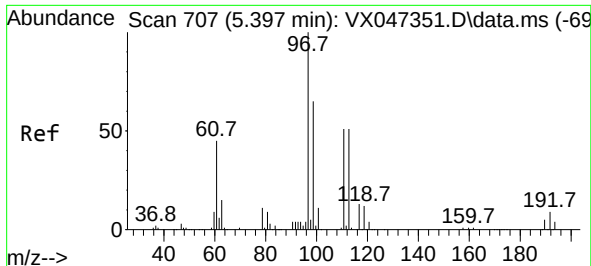


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047405.D
 Acq: 19 Aug 2025 12:37



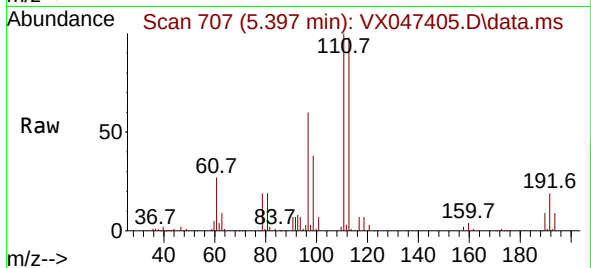
Tgt Ion:114 Resp: 395063
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 16.0 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.961 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

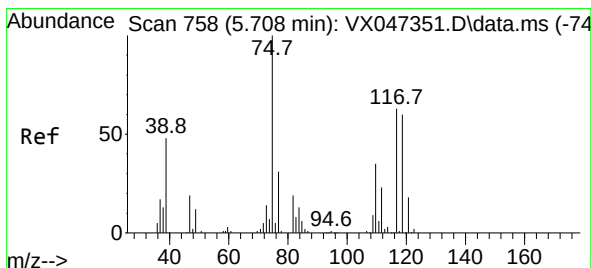
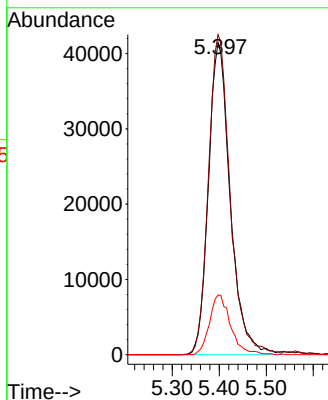
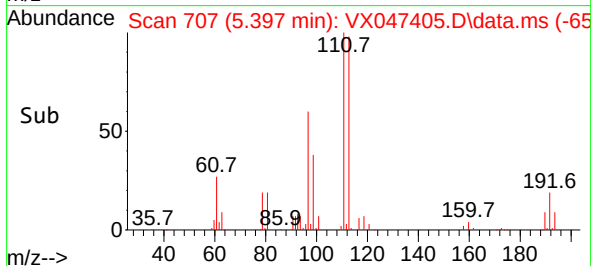
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 113 Resp: 133228
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 18.5 14.1 21.1

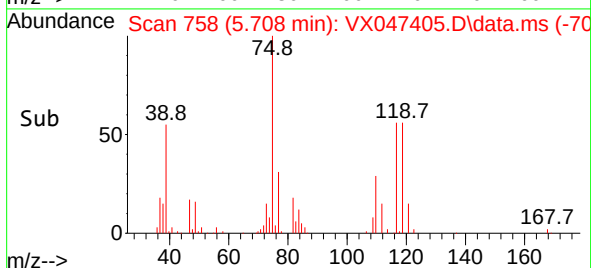
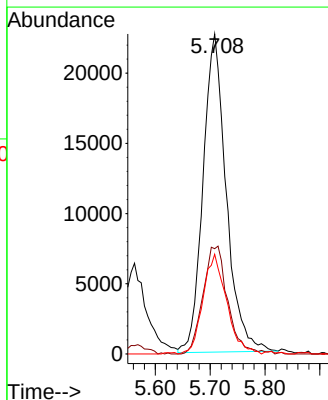
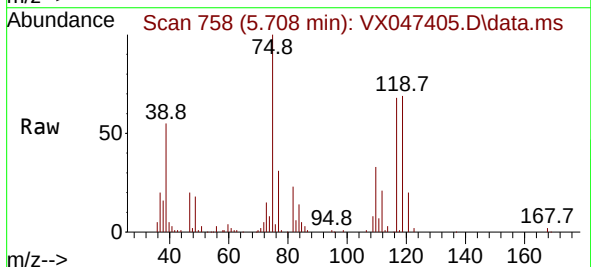
Manual Integrations
APPROVED

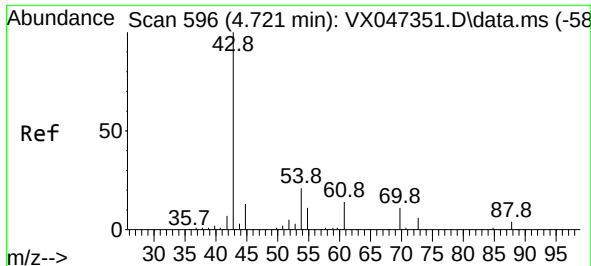
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 16.443 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 75 Resp: 66551
Ion Ratio Lower Upper
75 100
110 36.2 17.4 52.2
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 17.979 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

Tgt Ion: 43 Resp: 75540

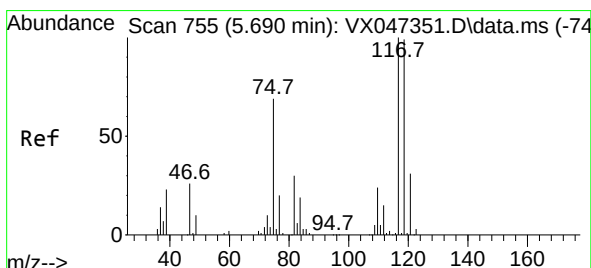
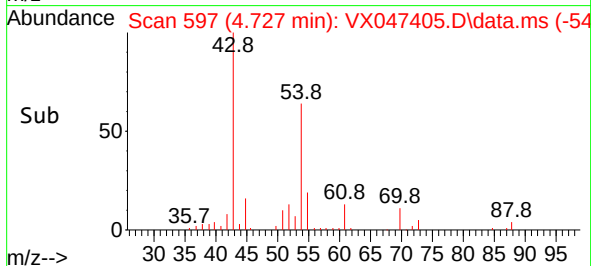
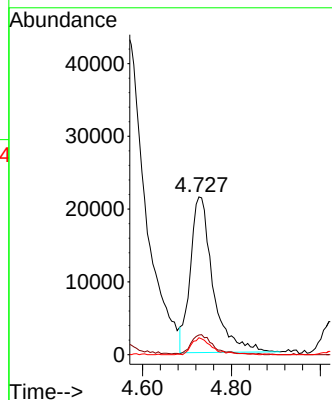
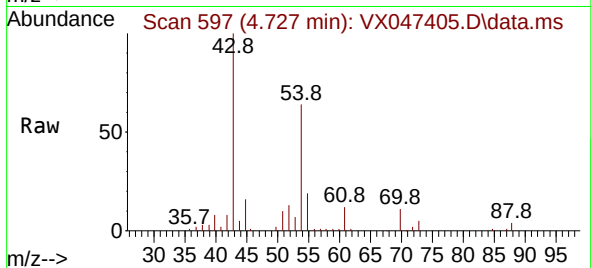
Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.4	14.2
70	10.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Carbon Tetrachloride

Concen: 16.979 ug/l

RT: 5.690 min Scan# 755

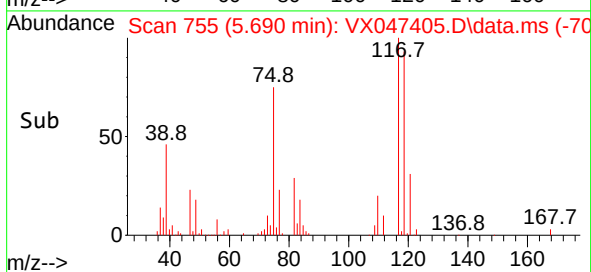
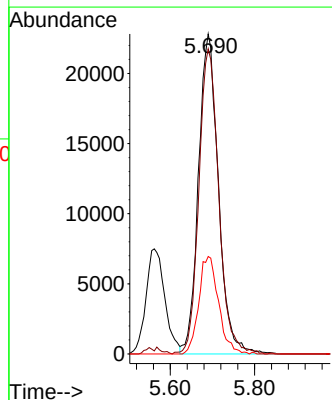
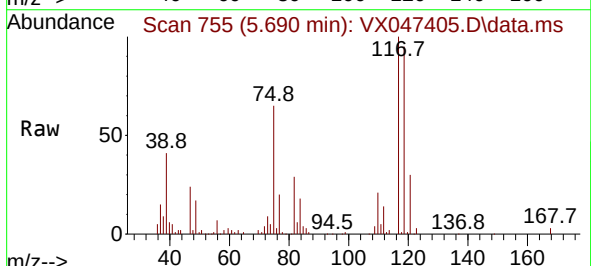
Delta R.T. 0.000 min

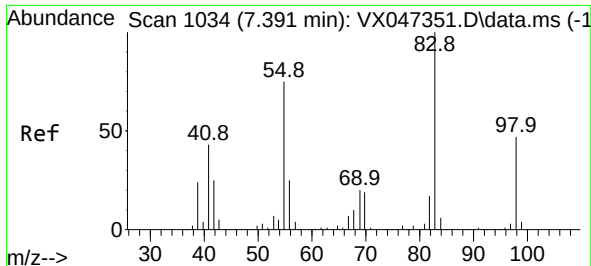
Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion:117 Resp: 75099

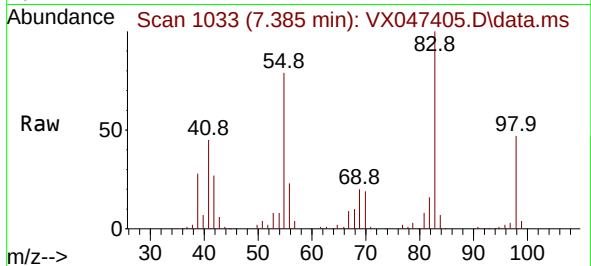
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.5	117.7
121	30.4	24.7	37.1





#39
Methylcyclohexane
Concen: 15.920 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

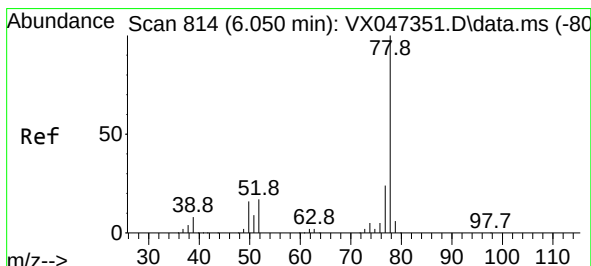
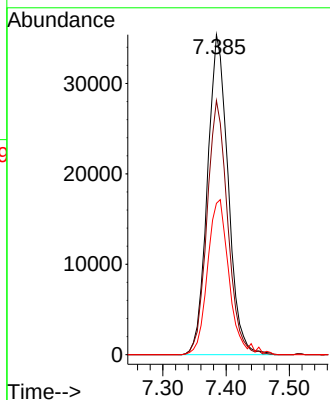
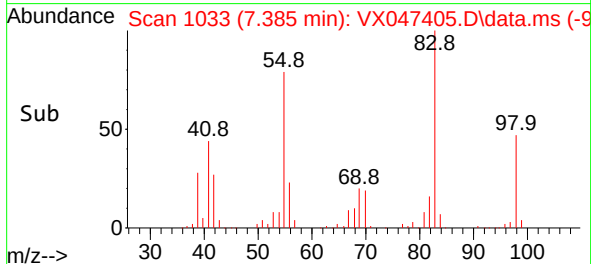
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 83 Resp: 80370
Ion Ratio Lower Upper
83 100
55 79.4 60.0 90.0
98 47.3 37.2 55.8

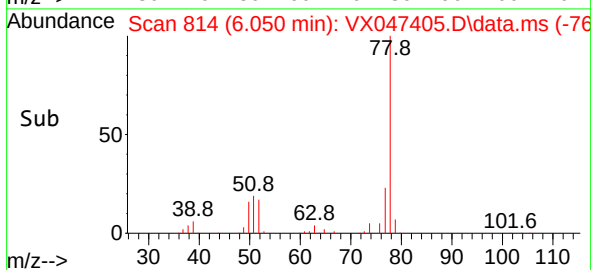
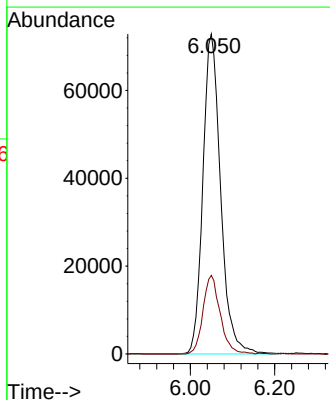
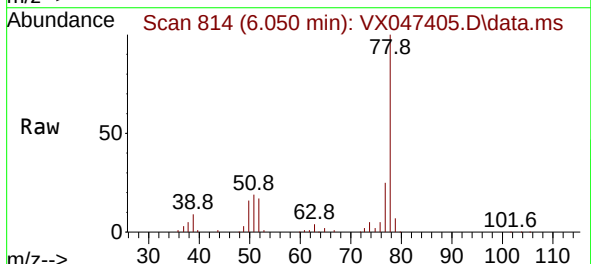
Manual Integrations
APPROVED

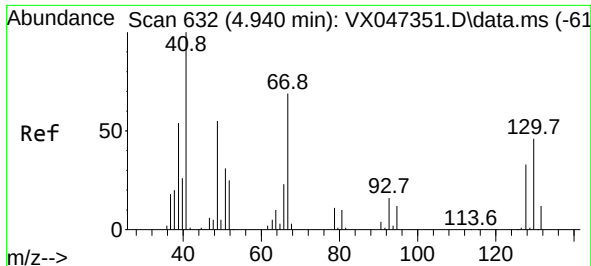
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#40
Benzene
Concen: 17.603 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

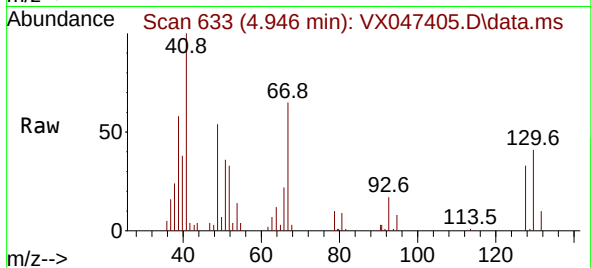
Tgt Ion: 78 Resp: 213254
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





#41
Methacrylonitrile
Concen: 19.037 ug/l
RT: 4.946 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

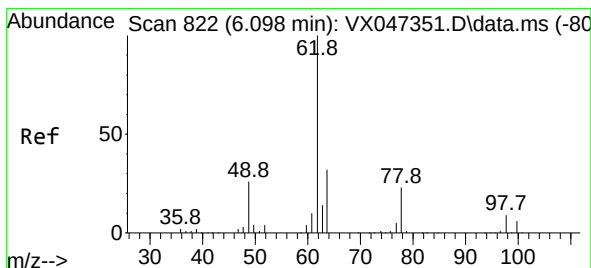
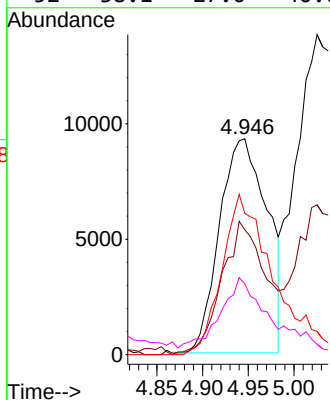
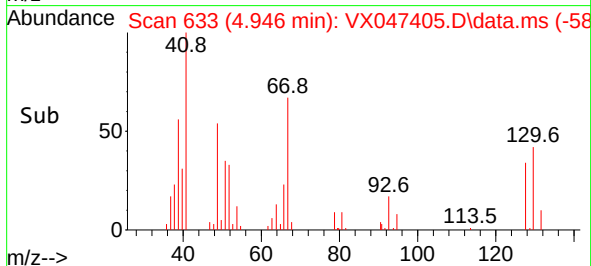
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 41 Resp: 33732
Ion Ratio Lower Upper
41 100
39 56.7 45.4 68.2
67 80.0 64.0 96.0
52 38.1 27.0 40.6

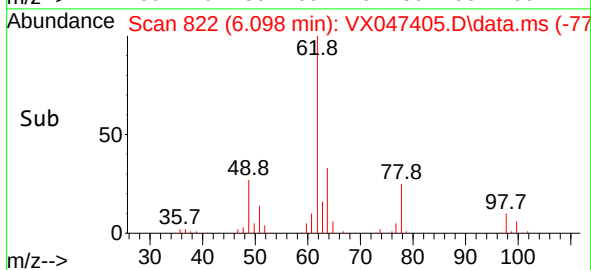
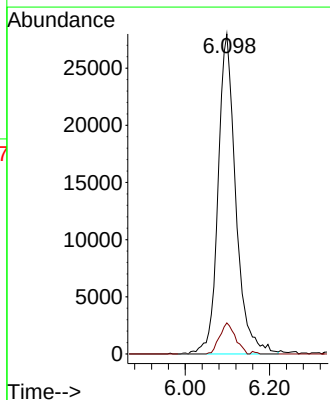
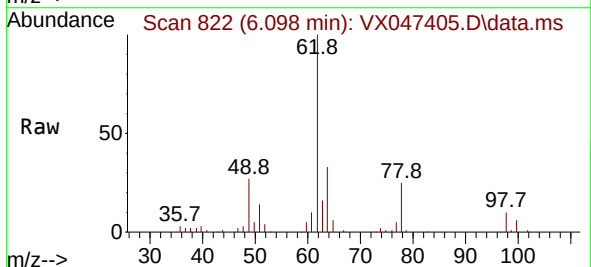
Manual Integrations
APPROVED

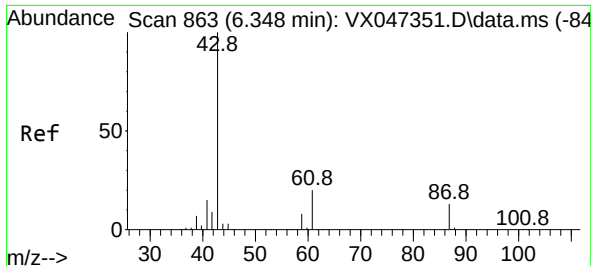
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 18.964 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 62 Resp: 81377
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 19.341 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

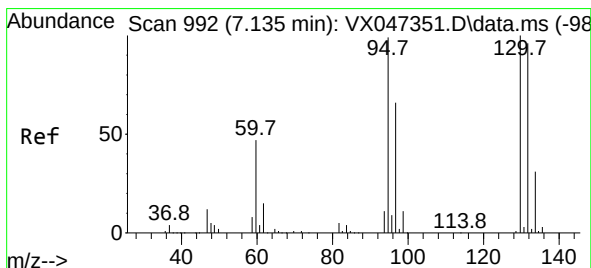
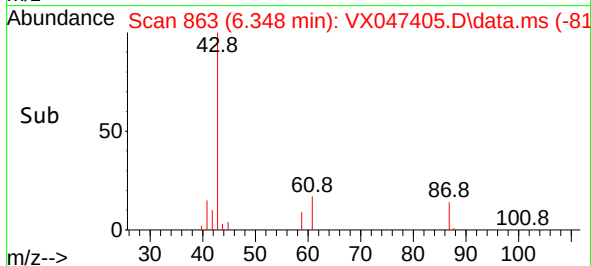
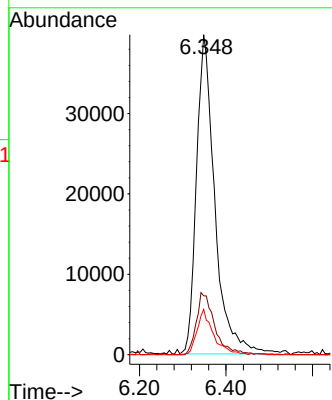
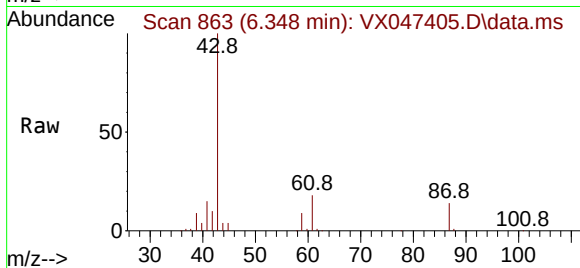
Tgt Ion:	43	Resp:	116749
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.4	23.0
87	12.5	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#44

Trichloroethene

Concen: 17.122 ug/l

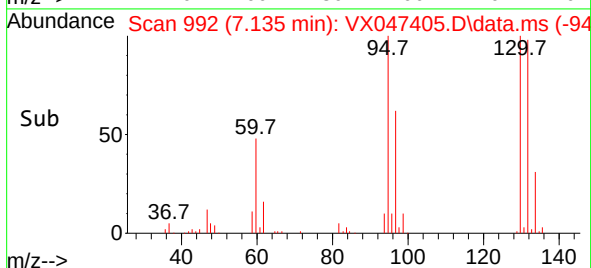
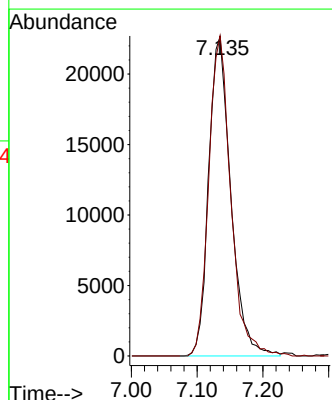
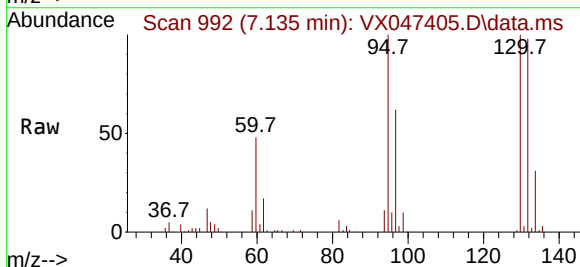
RT: 7.135 min Scan# 992

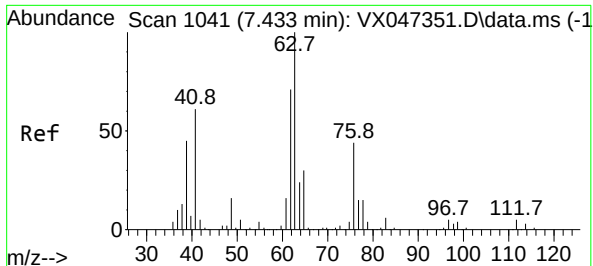
Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion:	130	Resp:	53112
Ion Ratio	Lower	Upper	
130	100		
95	100.2	0.0	198.6





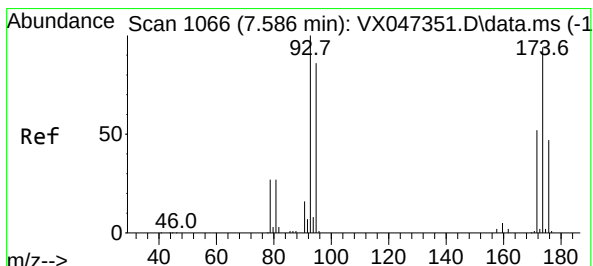
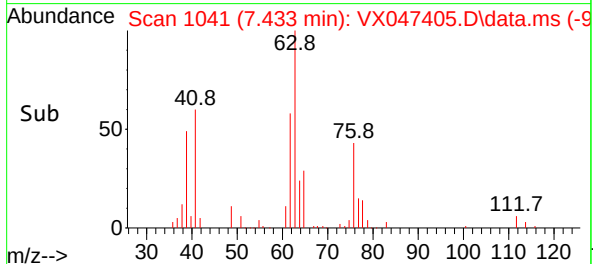
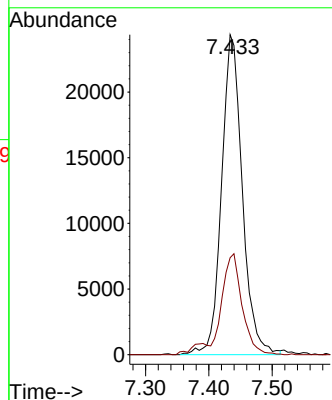
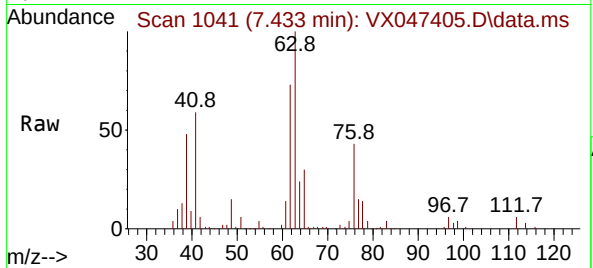
#45
1,2-Dichloropropane
Concen: 18.271 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Tgt Ion: 63 Resp: 5545
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6

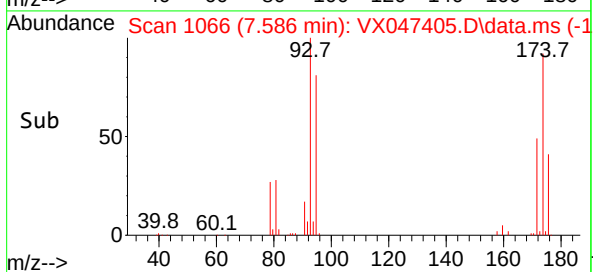
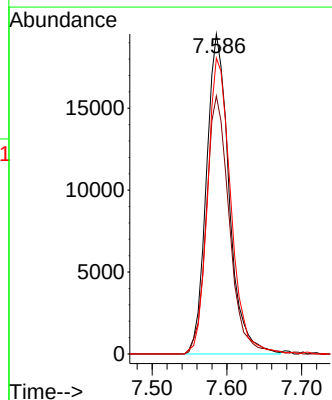
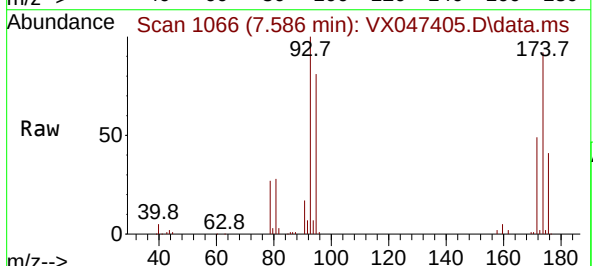
Manual Integrations
APPROVED

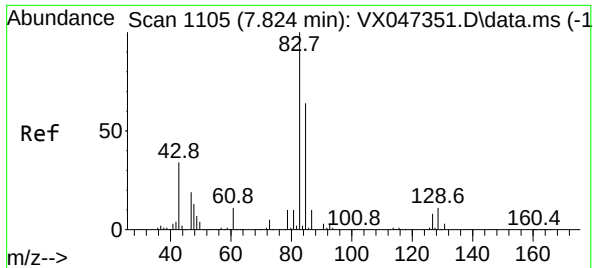
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#46
Dibromomethane
Concen: 18.707 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

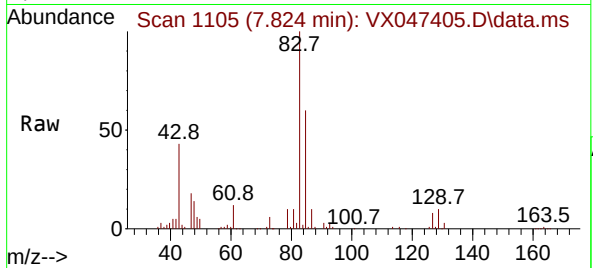
Tgt Ion: 93 Resp: 41218
Ion Ratio Lower Upper
93 100
95 81.7 68.0 102.0
174 94.8 75.8 113.6





#47
Bromodichloromethane
Concen: 18.123 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

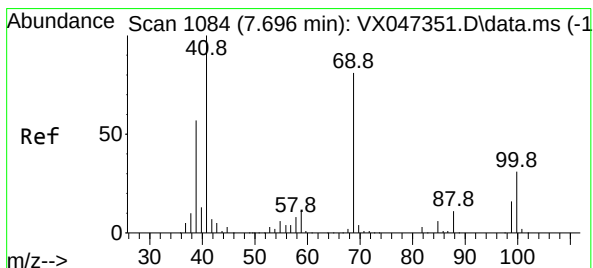
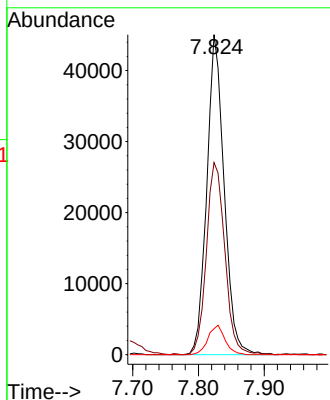
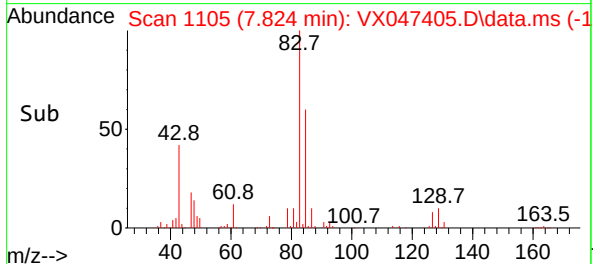
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 83 Resp: 82785
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.6
127 8.1 7.0 10.4

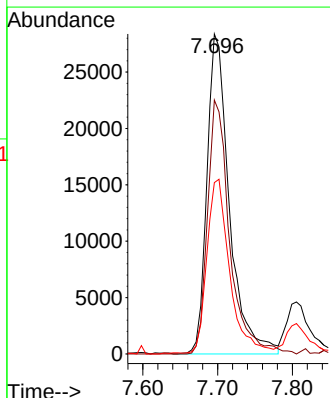
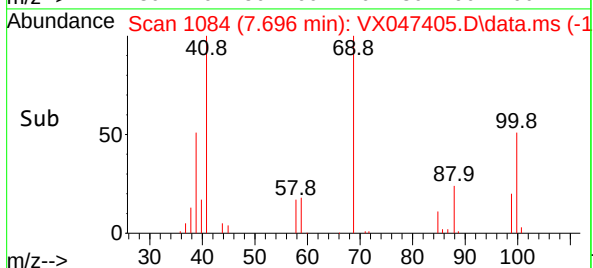
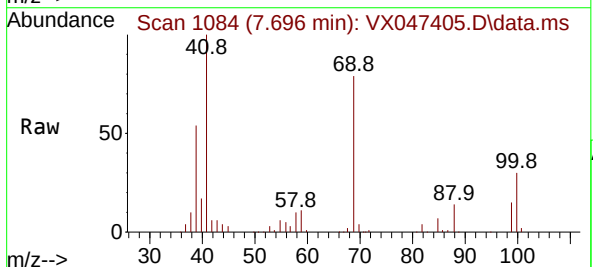
Manual Integrations
APPROVED

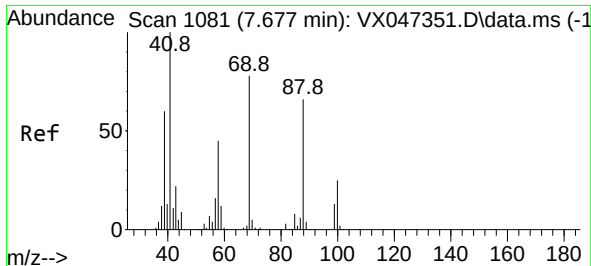
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 18.928 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 41 Resp: 59306
Ion Ratio Lower Upper
41 100
69 78.4 65.0 97.4
39 56.0 45.7 68.5





#49

1,4-Dioxane

Concen: 421.610 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

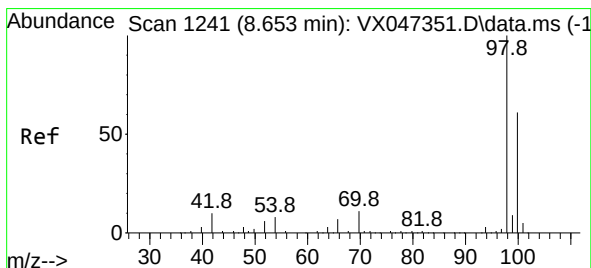
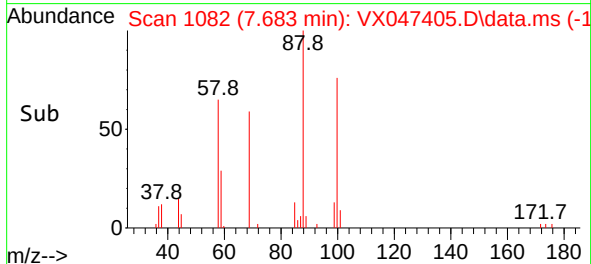
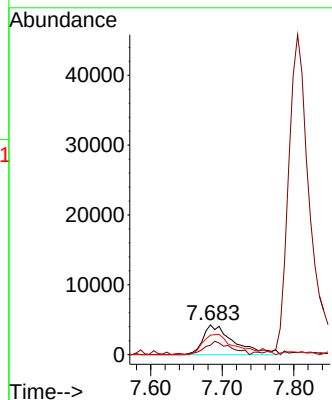
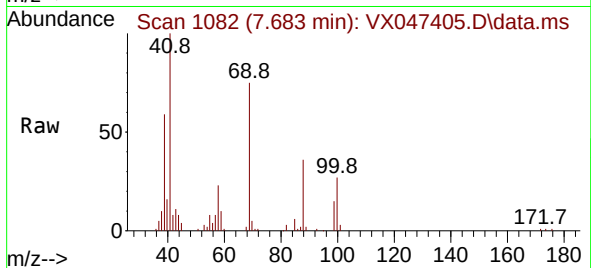
Tgt Ion:	88	Resp:	1284
Ion	Ratio	Lower	Upper
88	100		
43	36.5	32.4	48.6
58	67.3	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 50.736 ug/l

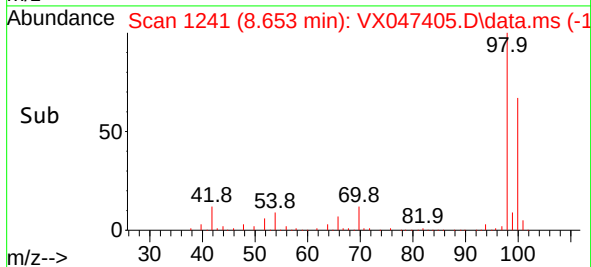
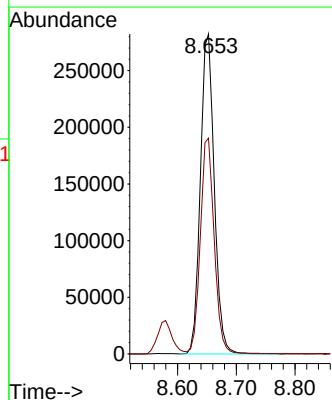
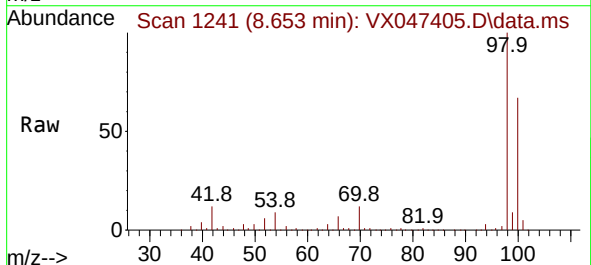
RT: 8.653 min Scan# 1241

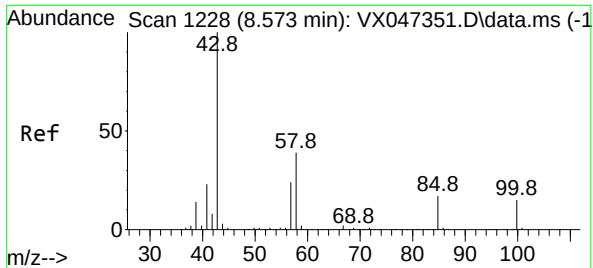
Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion:	98	Resp:	464961
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9





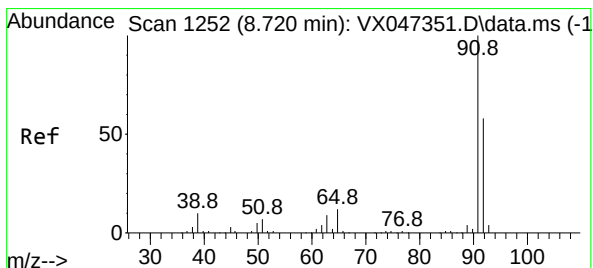
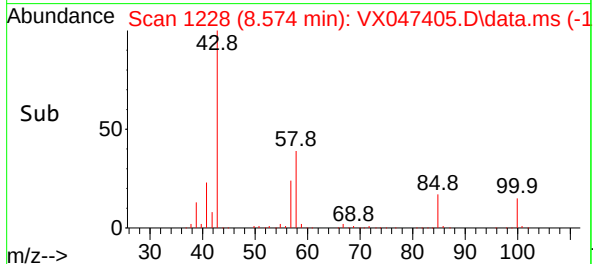
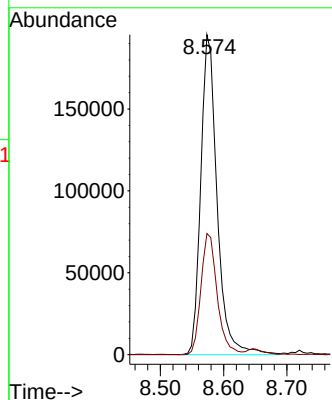
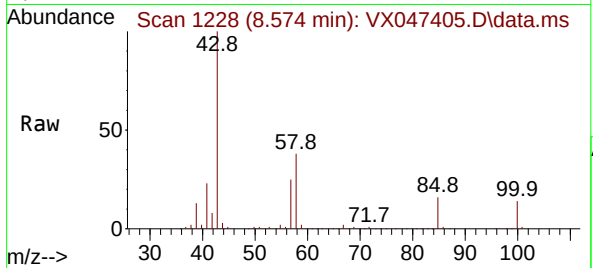
#51
4-Methyl-2-Pentanone
Concen: 101.138 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Tgt Ion: 43 Resp: 35132
Ion Ratio Lower Upper
43 100
58 37.7 31.2 46.8

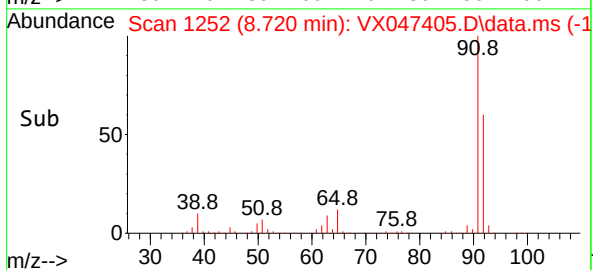
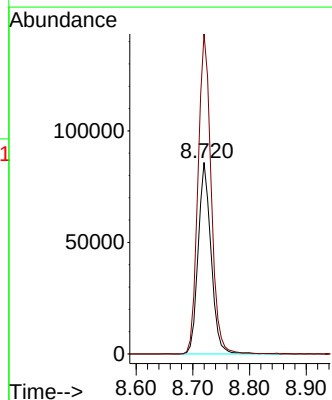
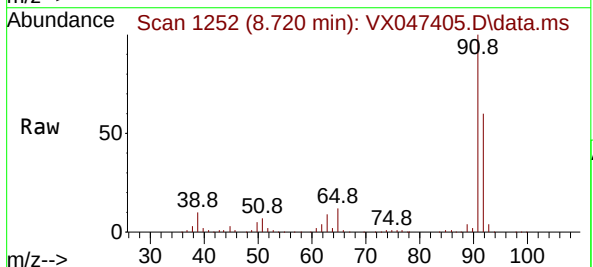
Manual Integrations
APPROVED

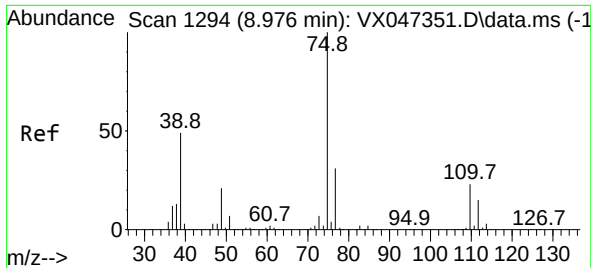
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
Toluene
Concen: 18.071 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

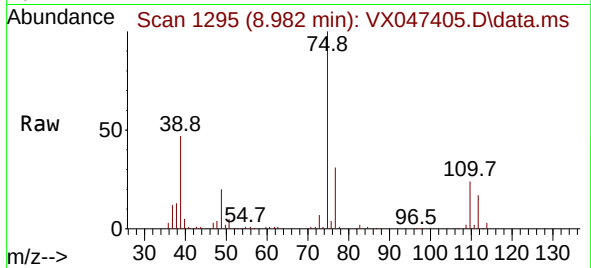
Tgt Ion: 92 Resp: 135282
Ion Ratio Lower Upper
92 100
91 170.5 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 18.642 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

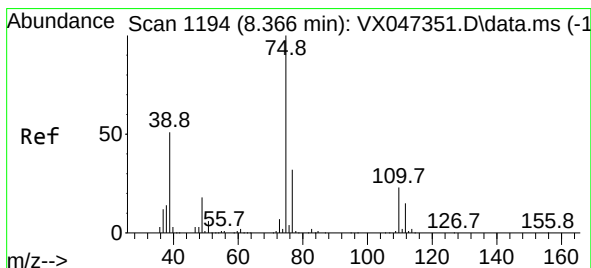
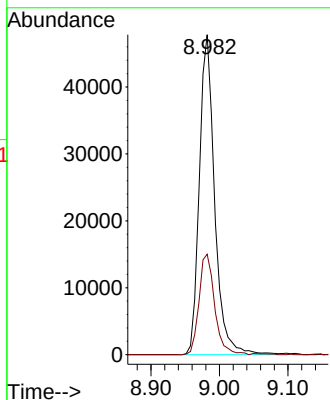
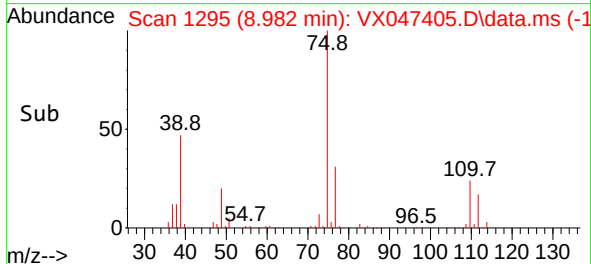
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 75 Resp: 74320
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1

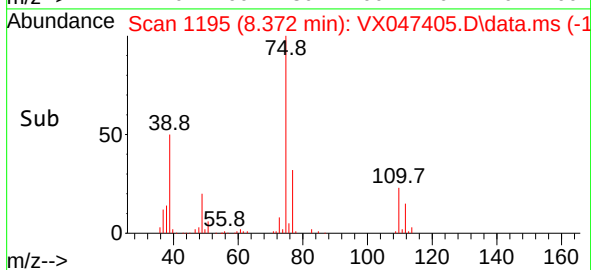
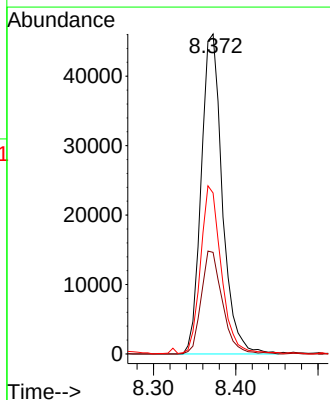
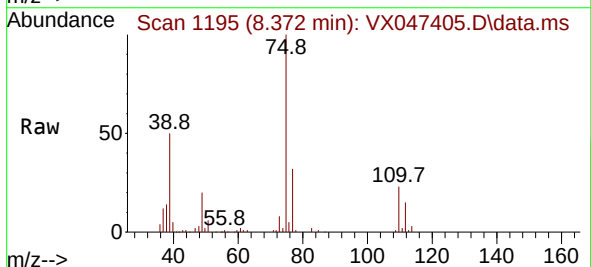
Manual Integrations
APPROVED

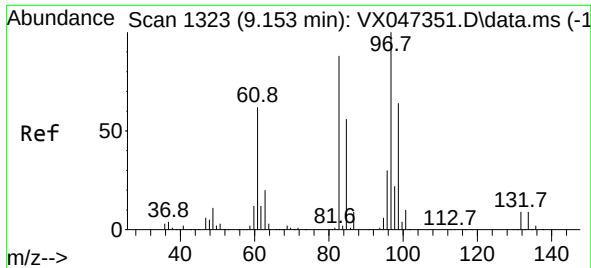
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#54
cis-1,3-Dichloropropene
Concen: 18.206 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

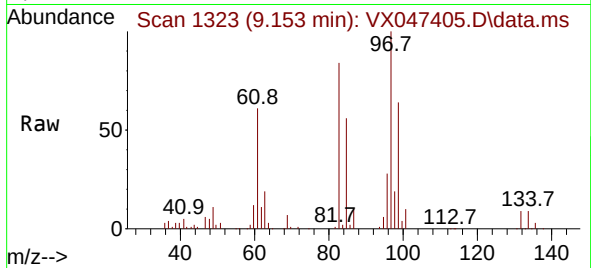
Tgt Ion: 75 Resp: 82154
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 48.4 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 19.197 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

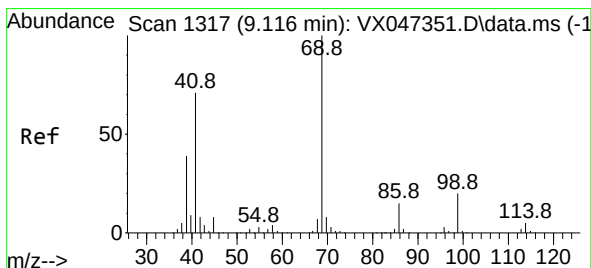
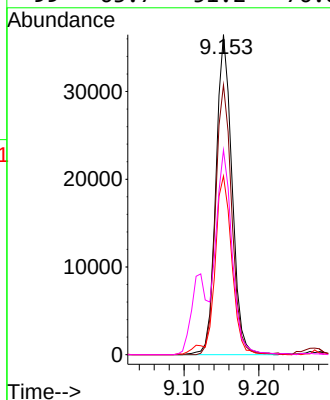
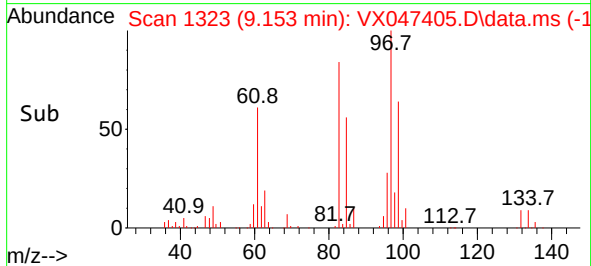
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



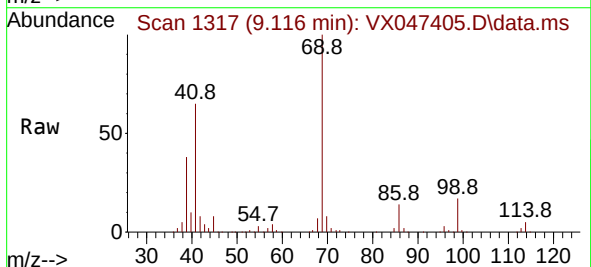
Tgt Ion: 97 Resp: 5456
Ion Ratio Lower Upper
97 100
83 84.3 70.6 106.0
85 55.6 44.7 67.1
99 63.7 51.2 76.8

Manual Integrations
APPROVED

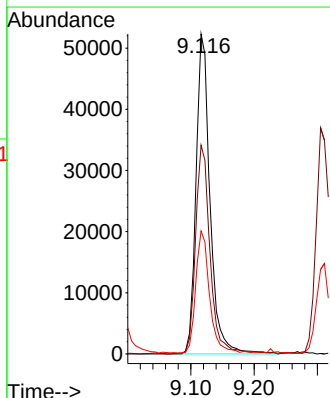
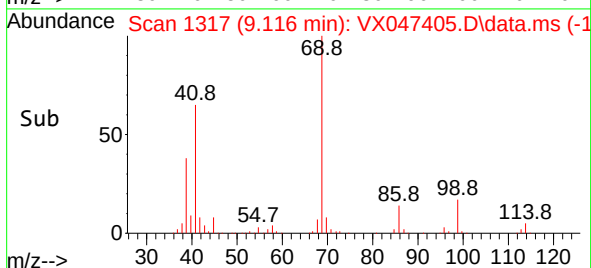
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

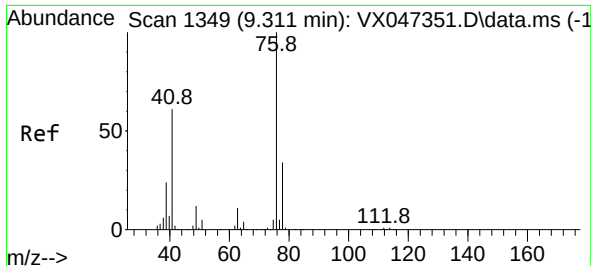


#56
Ethyl methacrylate
Concen: 19.288 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



Tgt Ion: 69 Resp: 80828
Ion Ratio Lower Upper
69 100
41 67.2 55.3 82.9
39 37.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 19.145 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

Tgt Ion: 76 Resp: 9272

Ion Ratio Lower Upper

76 100

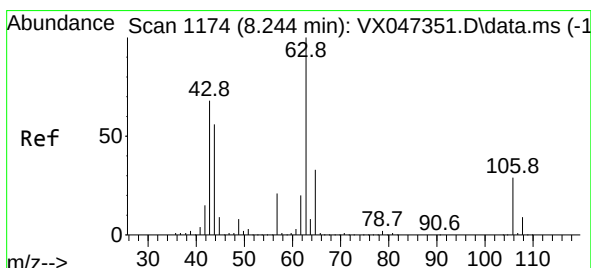
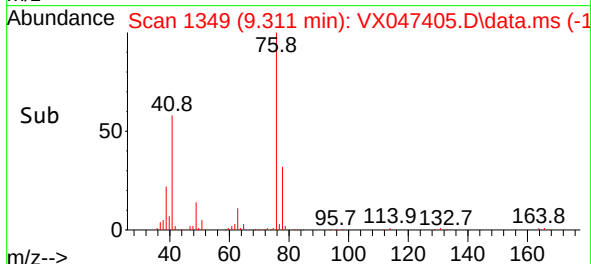
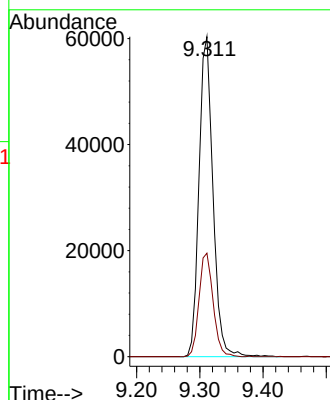
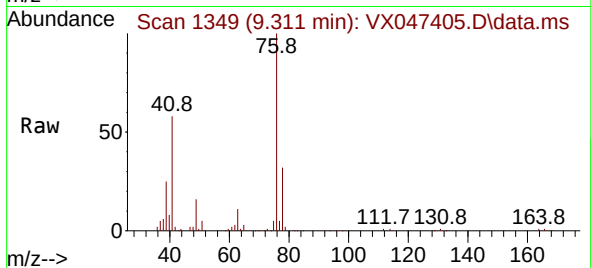
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.511 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047405.D

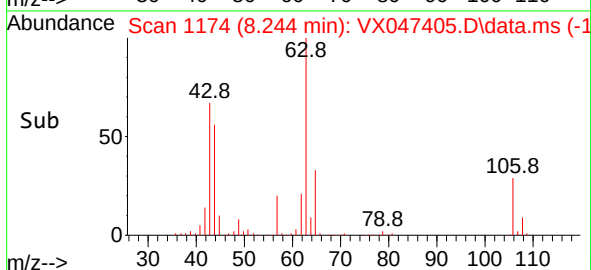
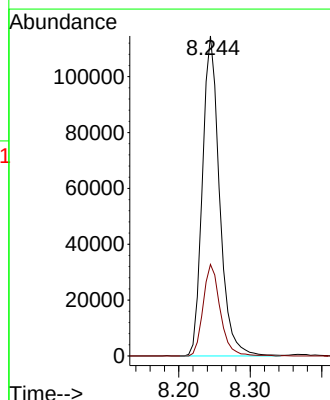
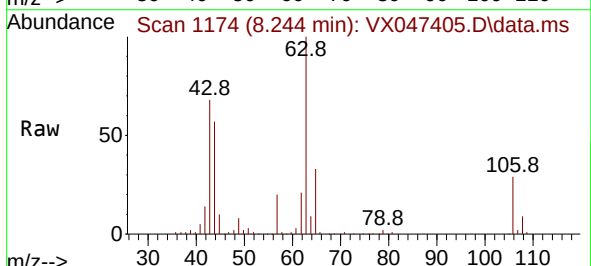
Acq: 19 Aug 2025 12:37

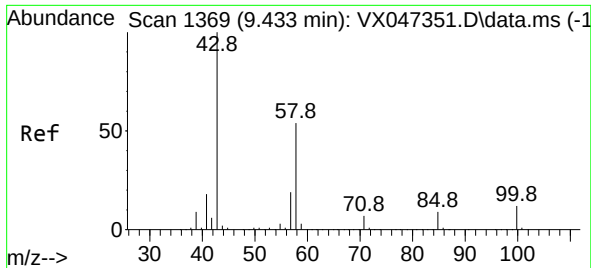
Tgt Ion: 63 Resp: 190782

Ion Ratio Lower Upper

63 100

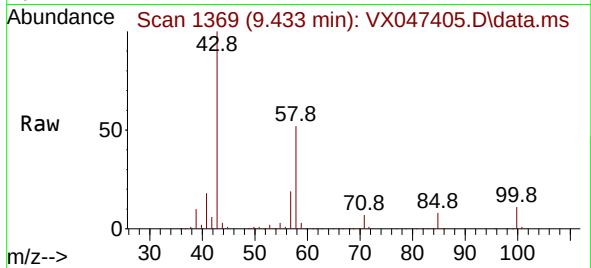
106 28.5 22.8 34.2





#59
2-Hexanone
Concen: 100.355 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

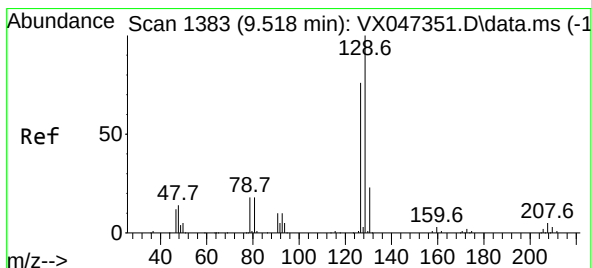
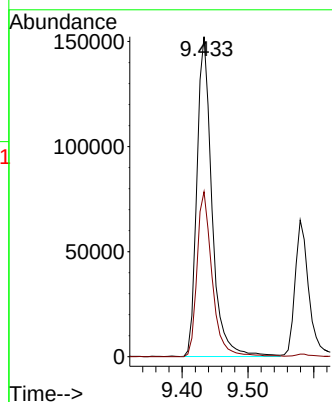
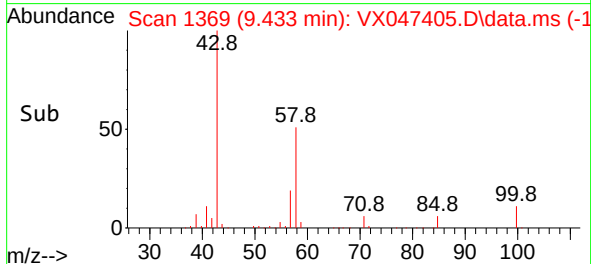
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 43 Resp: 24113
Ion Ratio Lower Upper
43 100
58 52.0 26.9 80.7

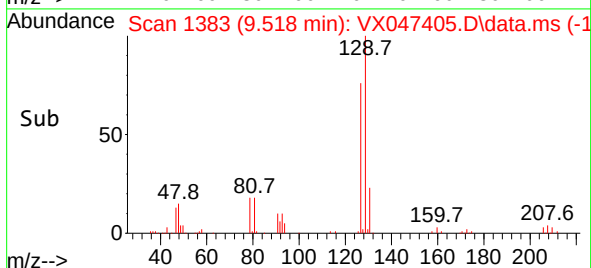
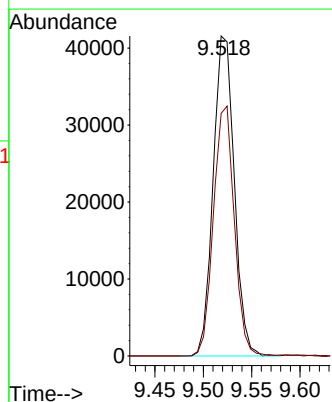
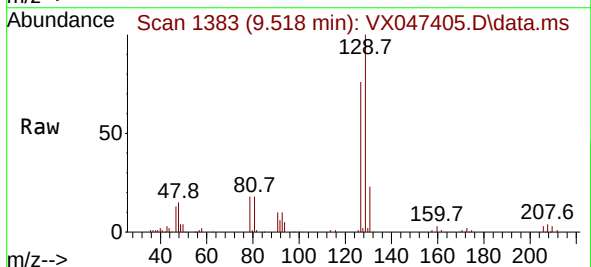
Manual Integrations
APPROVED

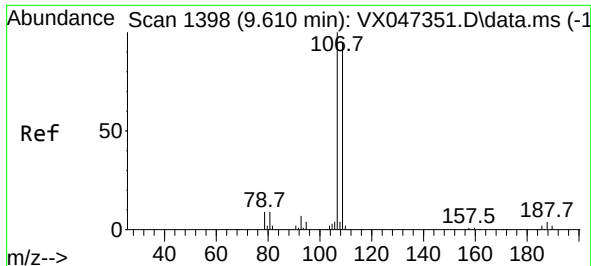
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 18.644 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

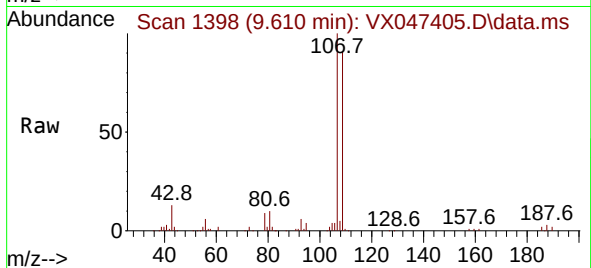
Tgt Ion:129 Resp: 62976
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 19.354 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

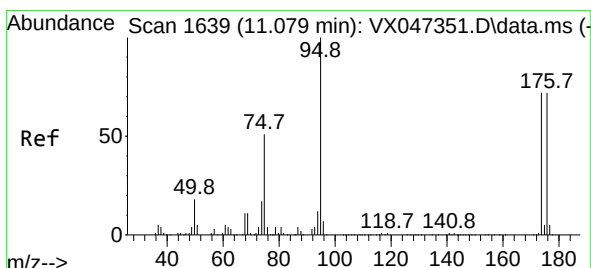
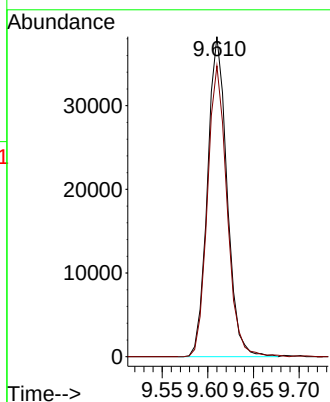
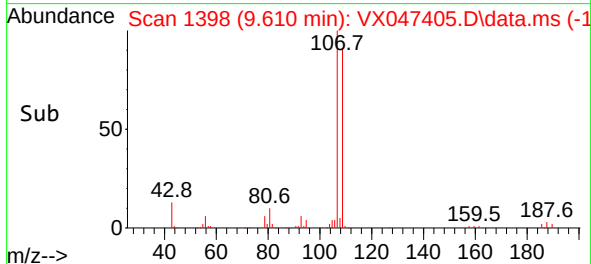
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



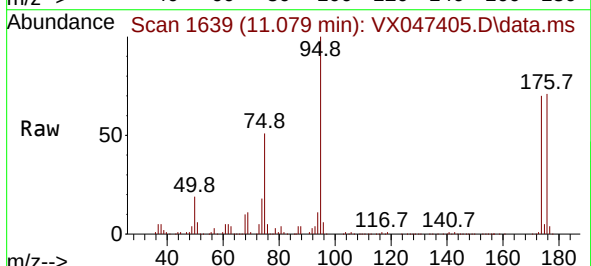
Tgt Ion:107 Resp: 56729
Ion Ratio Lower Upper
107 100
109 91.0 76.2 114.2

Manual Integrations
APPROVED

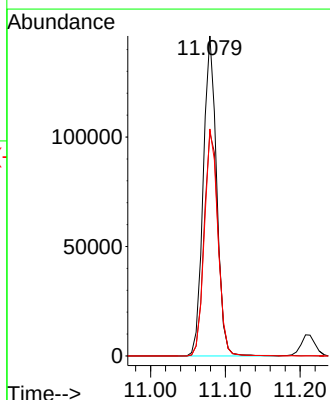
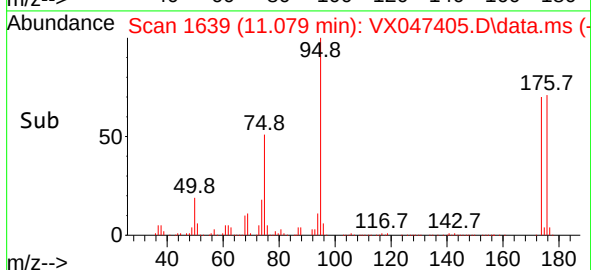
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

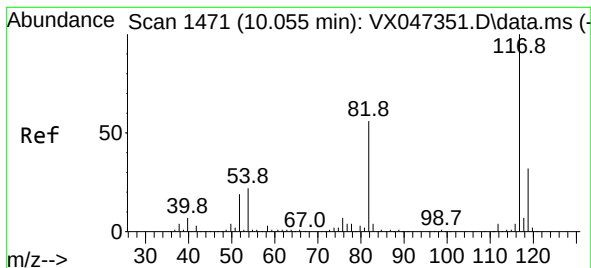


#62
4-Bromofluorobenzene
Concen: 53.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



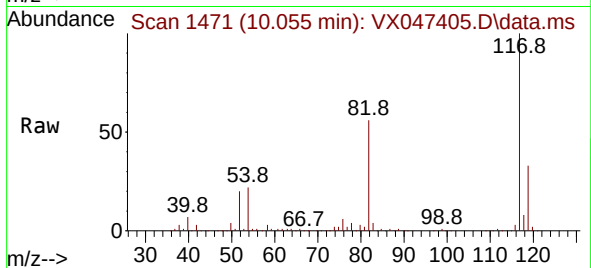
Tgt Ion: 95 Resp: 181529
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 71.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

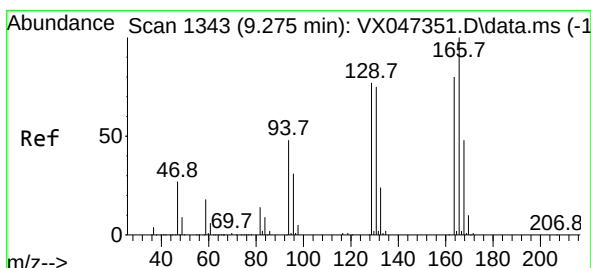
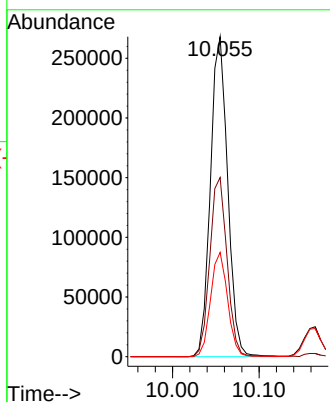
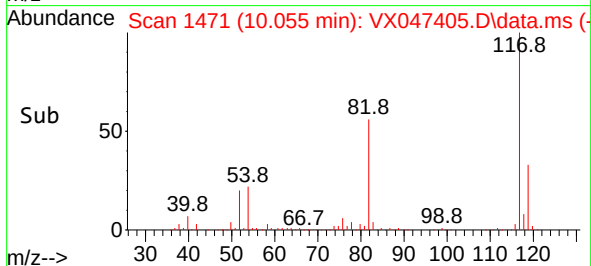
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion:117 Resp: 371284
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.6 25.8 38.8

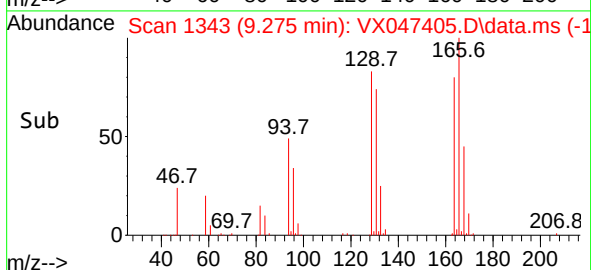
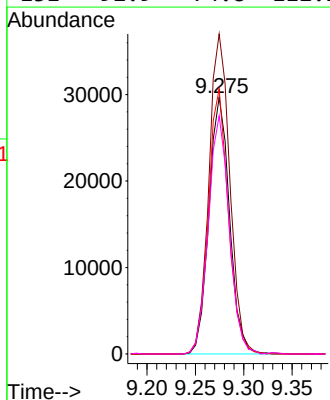
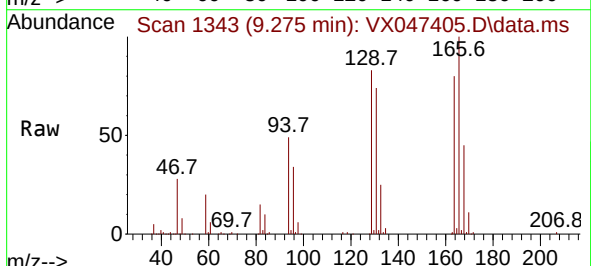
Manual Integrations
APPROVED

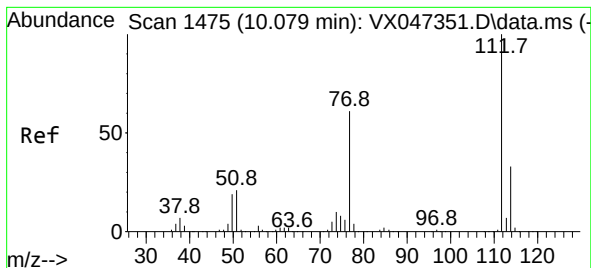
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 16.386 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

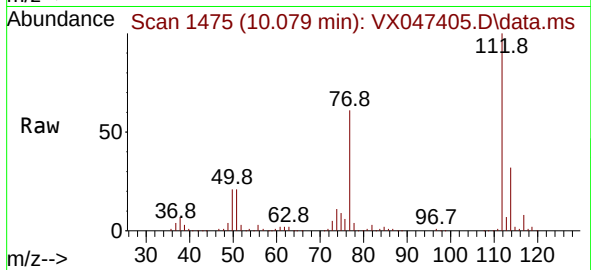
Tgt Ion:164 Resp: 44006
Ion Ratio Lower Upper
164 100
166 124.7 100.3 150.5
129 103.3 77.7 116.5
131 92.9 74.8 112.2





#65
Chlorobenzene
Concen: 17.108 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

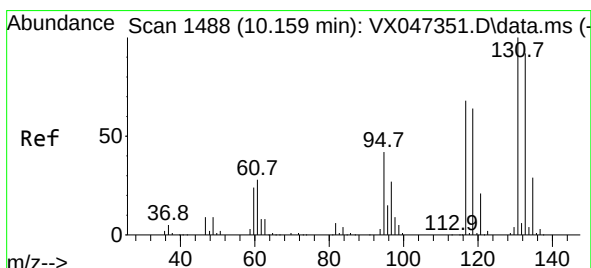
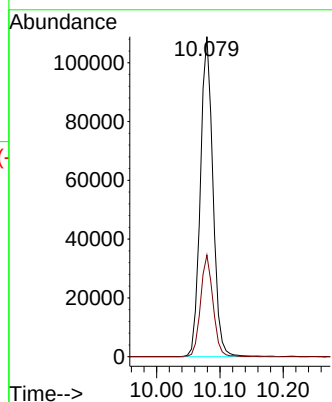
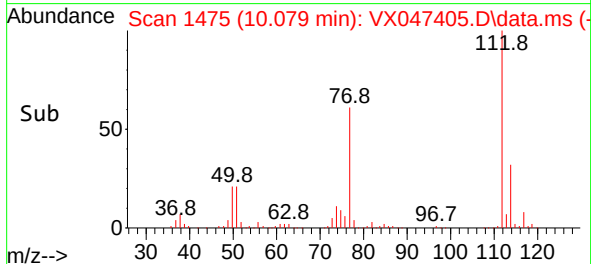
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



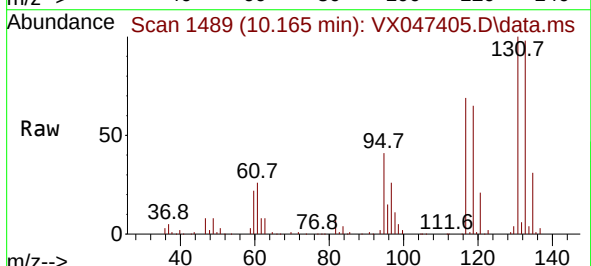
Tgt Ion:112 Resp: 150949
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6

Manual Integrations
APPROVED

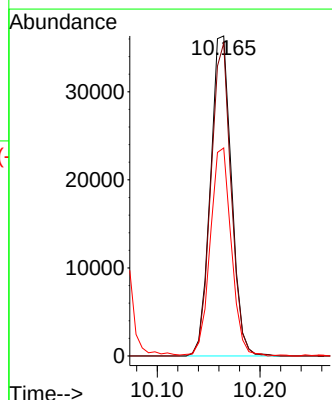
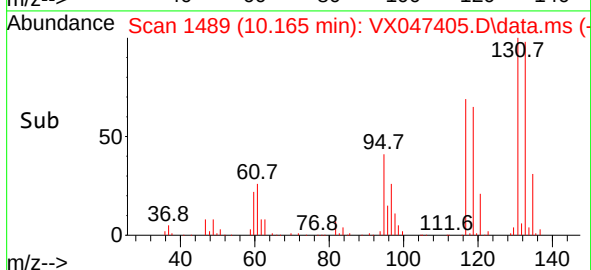
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

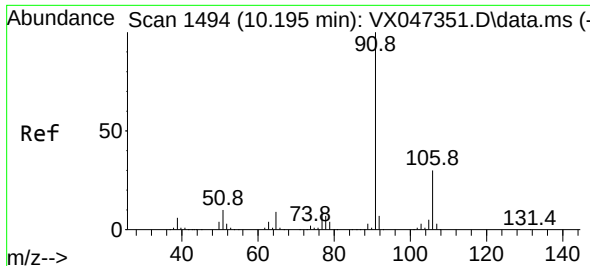


#66
1,1,1,2-Tetrachloroethane
Concen: 17.298 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



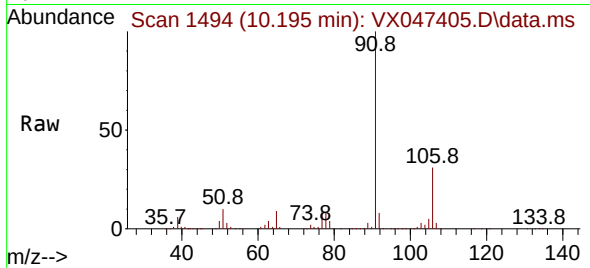
Tgt Ion:131 Resp: 51594
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 64.7 32.3 96.8





#67
Ethyl Benzene
Concen: 16.847 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

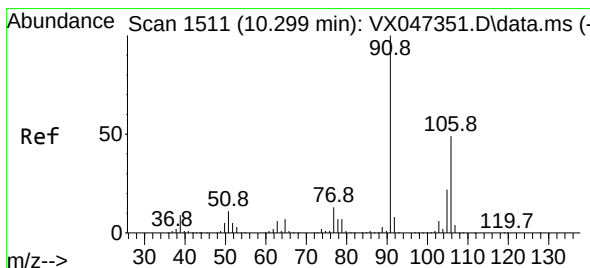
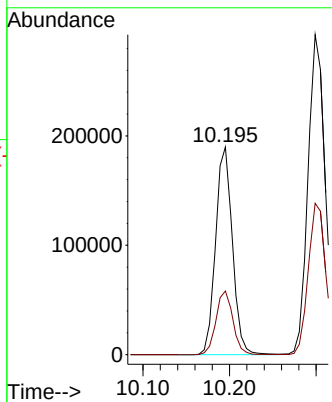
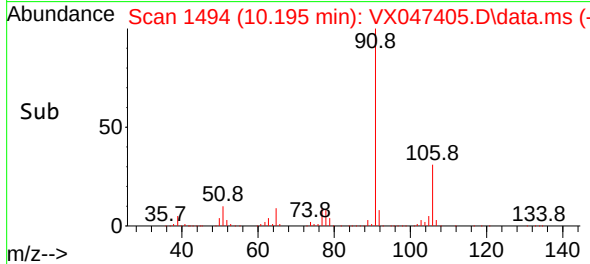
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 91 Resp: 255830
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6

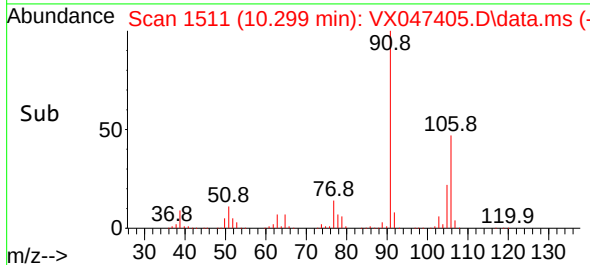
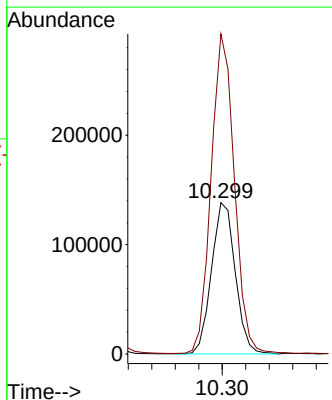
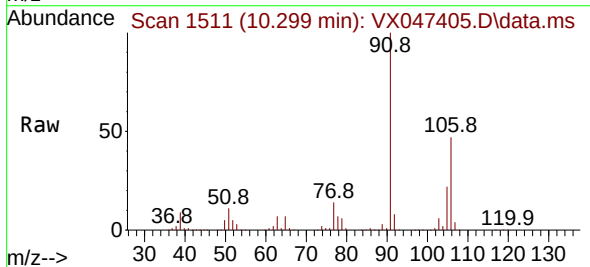
Manual Integrations
APPROVED

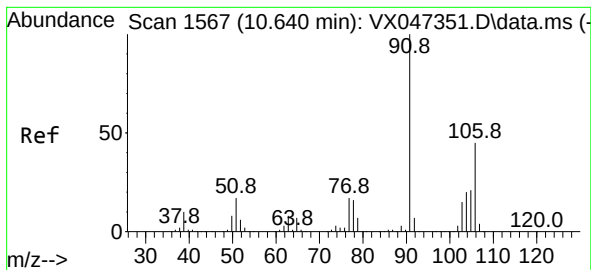
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#68
m/p-Xylenes
Concen: 34.348 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion:106 Resp: 194493
Ion Ratio Lower Upper
106 100
91 208.5 164.7 247.1





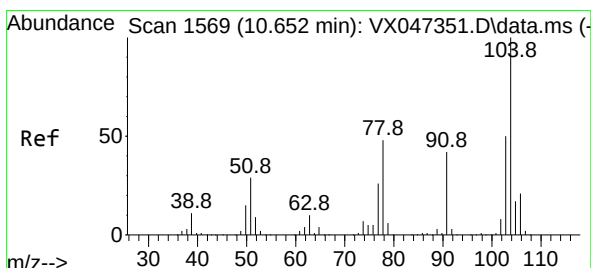
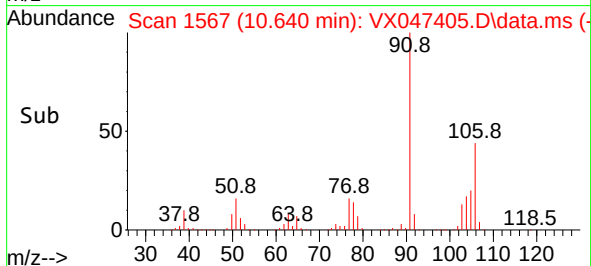
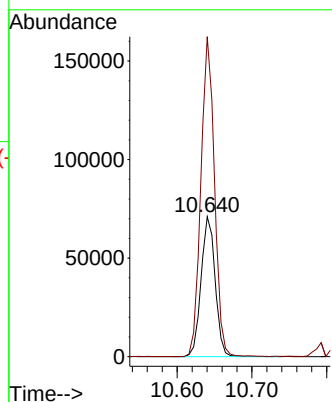
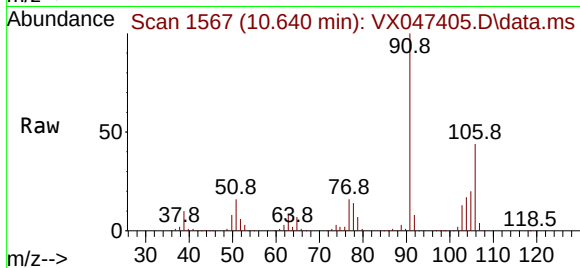
#69
o-Xylene
Concen: 17.062 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01

Tgt Ion:106 Resp: 9297
Ion Ratio Lower Upper
106 100
91 220.8 110.6 331.8

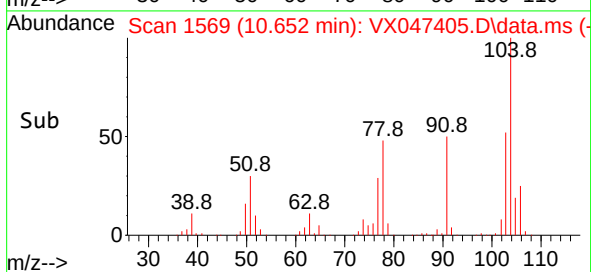
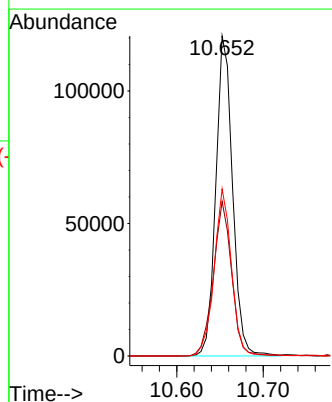
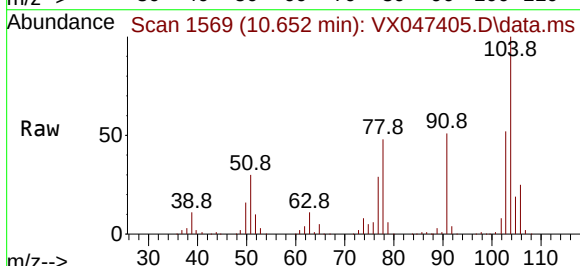
Manual Integrations
APPROVED

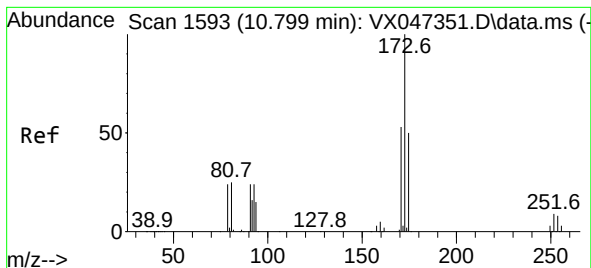
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 17.620 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion:104 Resp: 162232
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 54.5 43.6 65.4





#71

Bromoform

Concen: 18.222 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047405.D

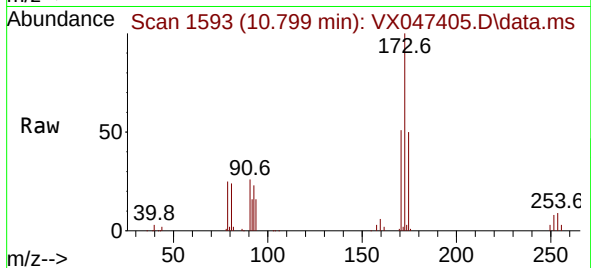
Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01



Tgt Ion:173 Resp: 4083

Ion Ratio Lower Upper

173 100

175 47.6 24.4 73.4

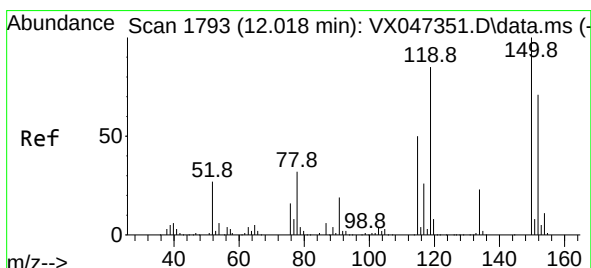
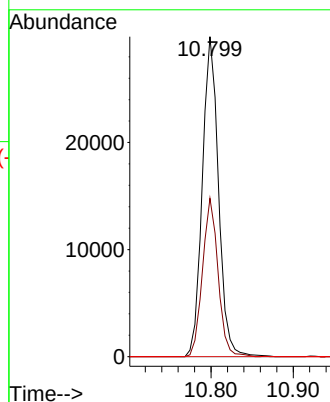
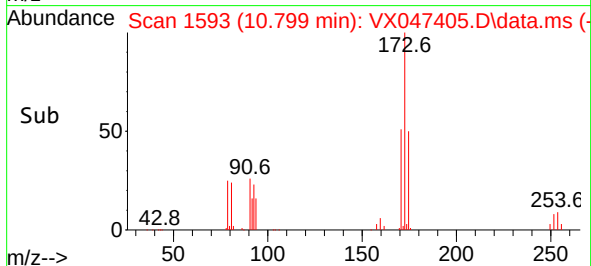
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

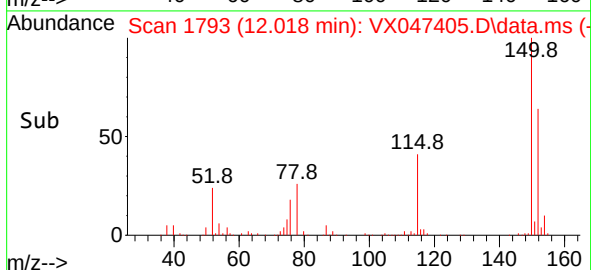
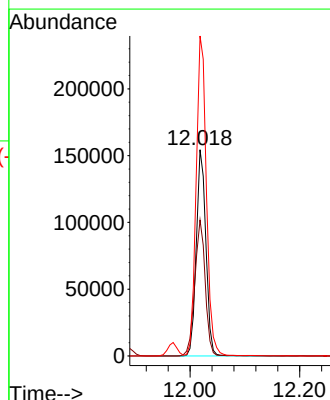
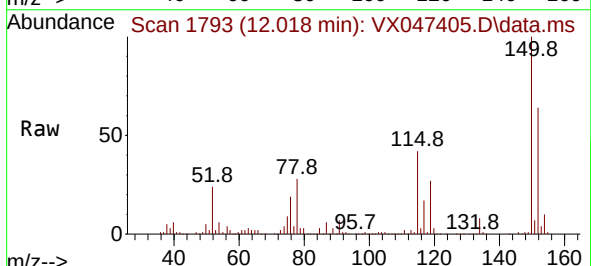
Tgt Ion:152 Resp: 189413

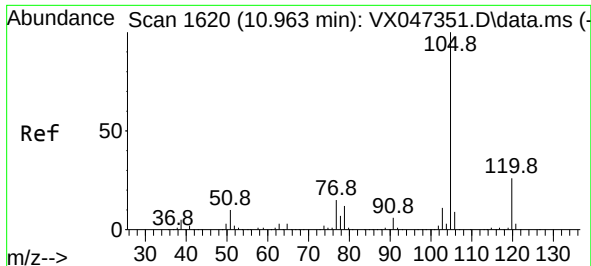
Ion Ratio Lower Upper

152 100

115 71.6 44.6 133.8

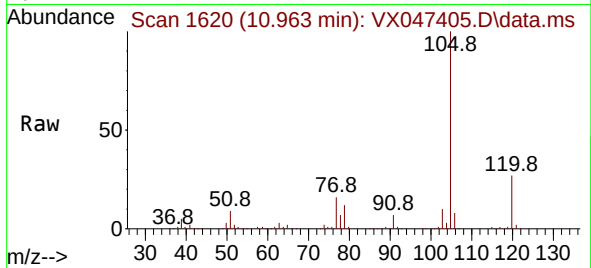
150 165.0 0.0 349.8





#73
Isopropylbenzene
Concen: 16.480 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

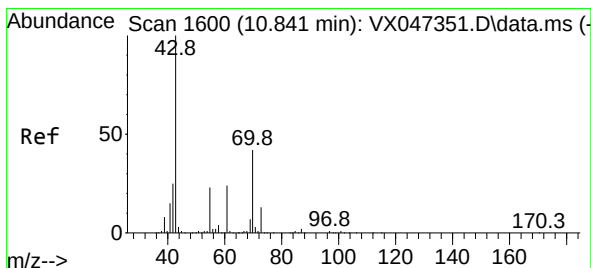
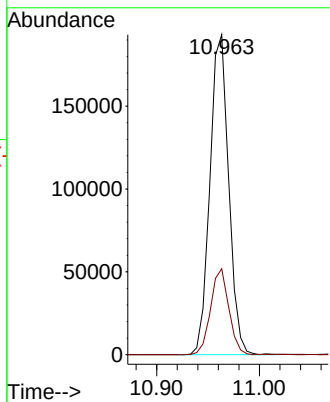
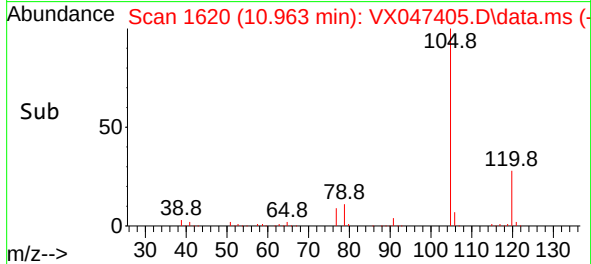
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion:105 Resp: 244270
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

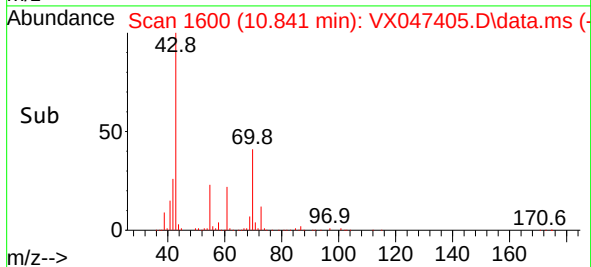
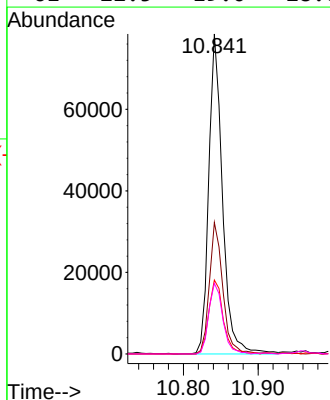
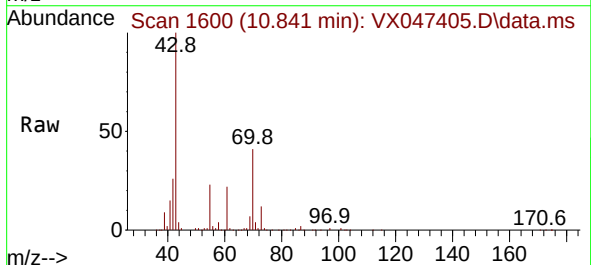
Manual Integrations
APPROVED

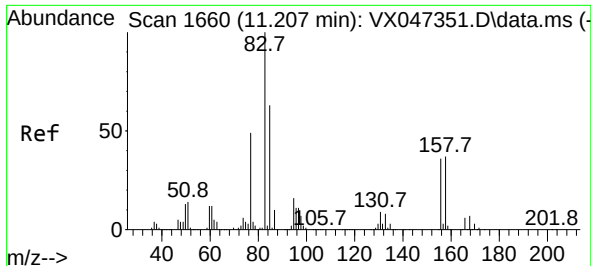
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#74
N-ethyl acetate
Concen: 17.799 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

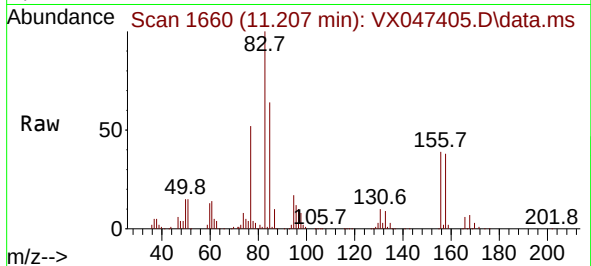
Tgt Ion: 43 Resp: 100184
Ion Ratio Lower Upper
43 100
70 40.4 33.1 49.7
55 24.4 19.0 28.6
61 22.5 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 18.332 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

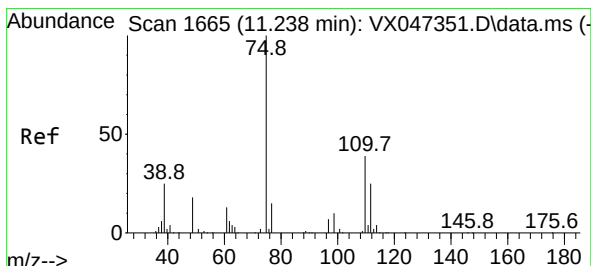
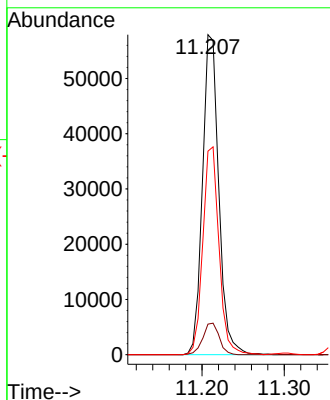
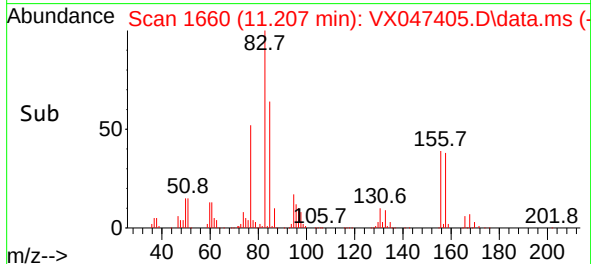
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion: 83 Resp: 7978
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.4 31.7 95.1

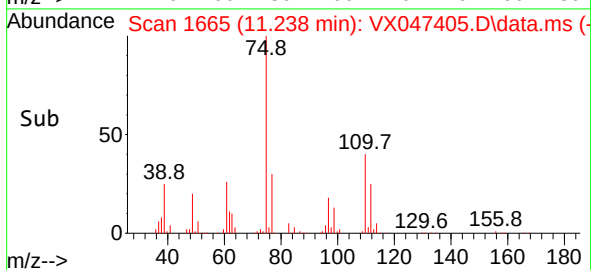
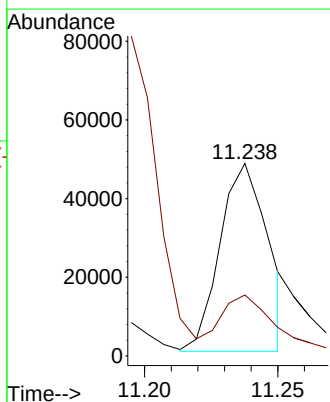
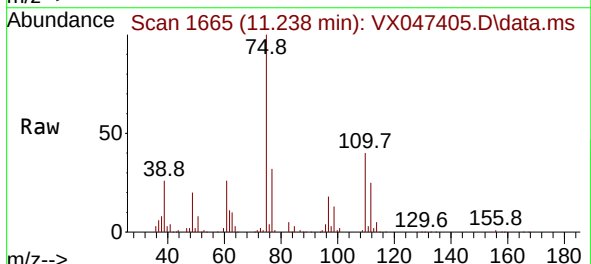
Manual Integrations
APPROVED

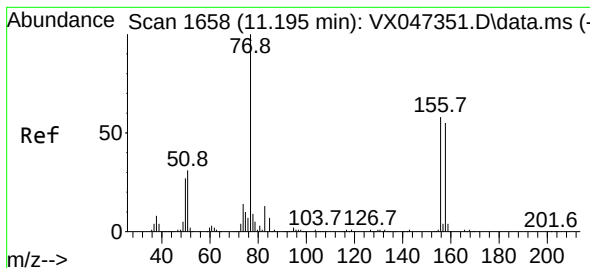
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#76
1,2,3-Trichloropropane
Concen: 17.179 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 75 Resp: 59679
Ion Ratio Lower Upper
75 100
77 40.7 19.4 58.2





#77

Bromobenzene

Concen: 17.475 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

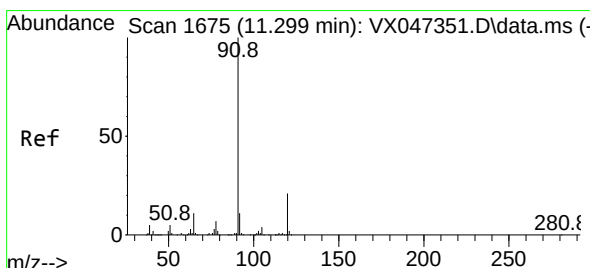
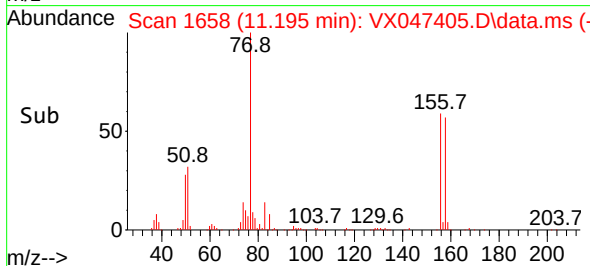
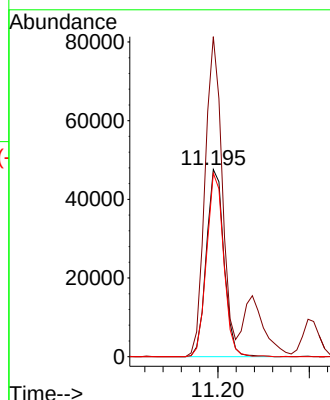
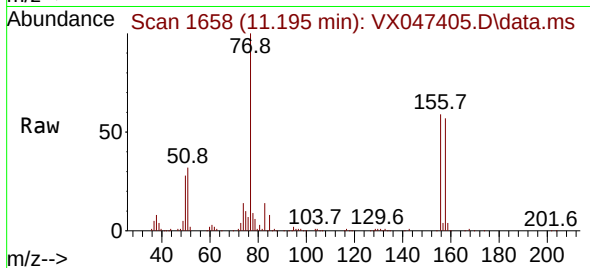
Tgt Ion:	156	Resp:	6325
Ion Ratio	Lower	Upper	
156	100		
77	167.2	86.3	258.9
158	95.6	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#78

n-propylbenzene

Concen: 16.583 ug/l

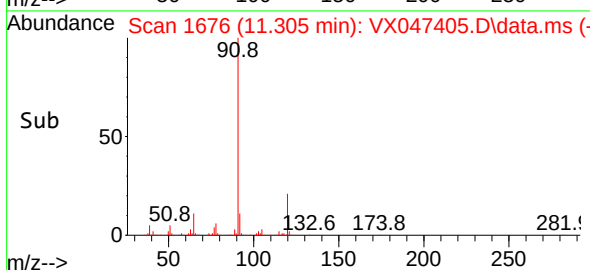
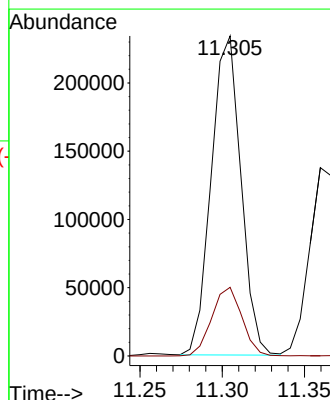
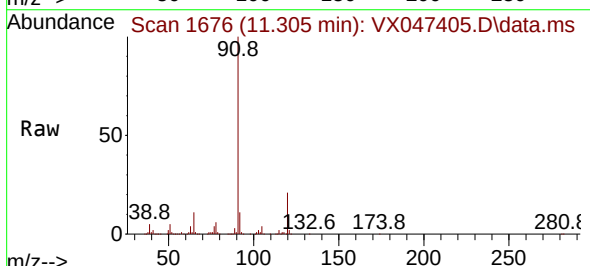
RT: 11.305 min Scan# 1676

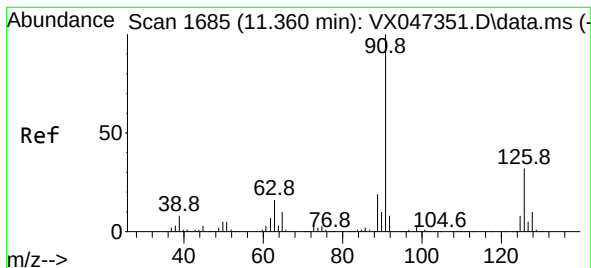
Delta R.T. 0.006 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

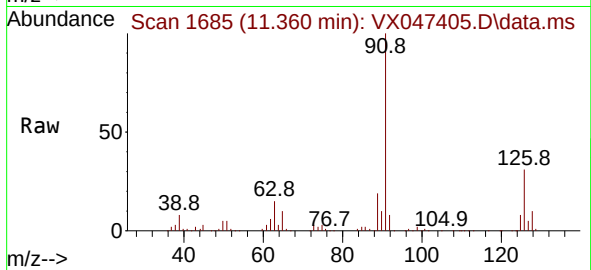
Tgt Ion:	91	Resp:	293555
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





#79
2-Chlorotoluene
Concen: 16.766 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

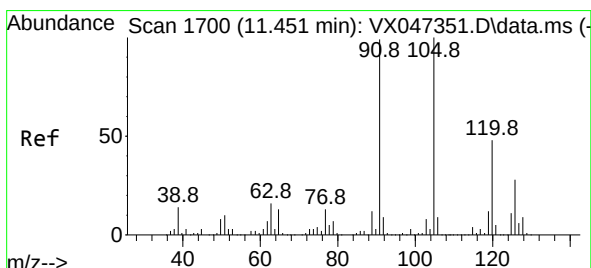
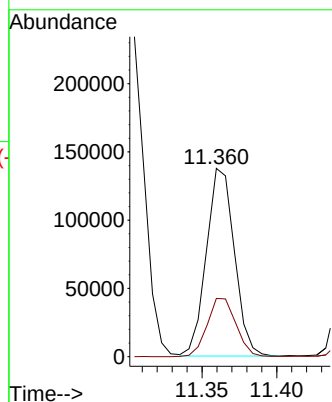
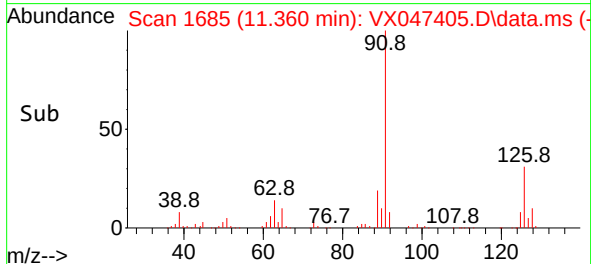
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



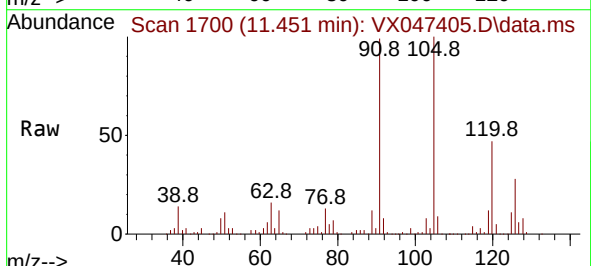
Tgt Ion: 91 Resp: 179419
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.1

Manual Integrations
APPROVED

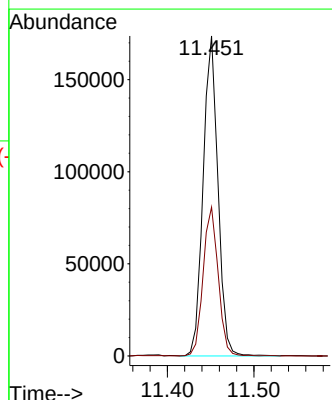
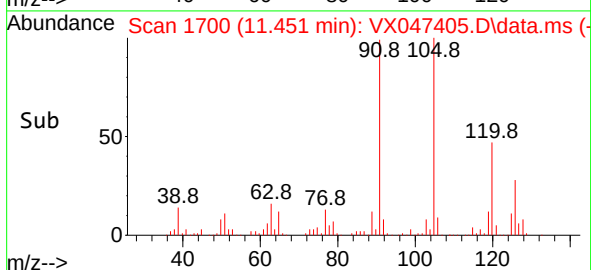
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

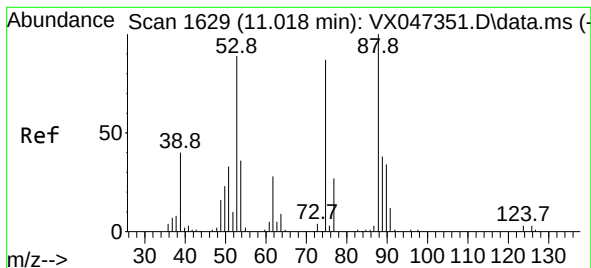


#80
1,3,5-Trimethylbenzene
Concen: 16.919 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



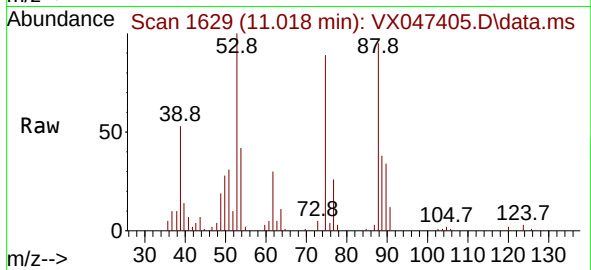
Tgt Ion:105 Resp: 206343
Ion Ratio Lower Upper
105 100
120 47.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.086 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

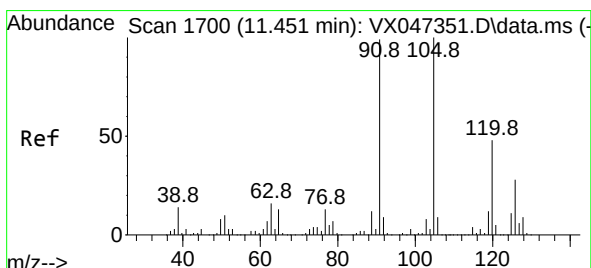
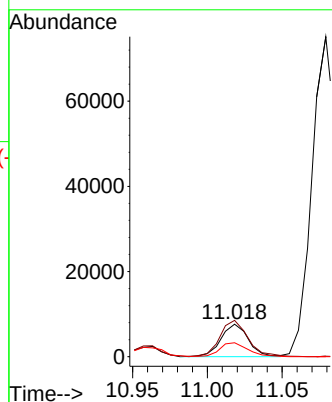
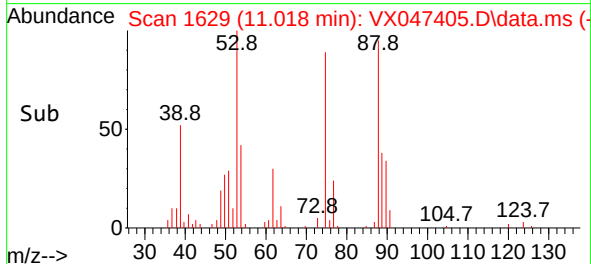
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



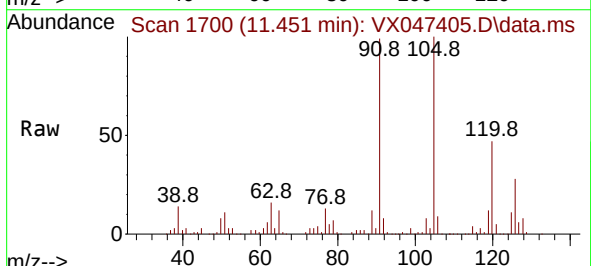
Tgt Ion: 75 Resp: 9694
Ion Ratio Lower Upper
75 100
53 115.4 85.2 127.8
89 44.6 36.7 55.1

Manual Integrations
APPROVED

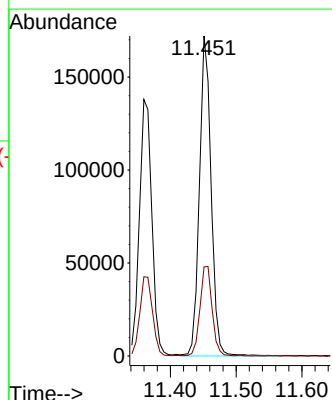
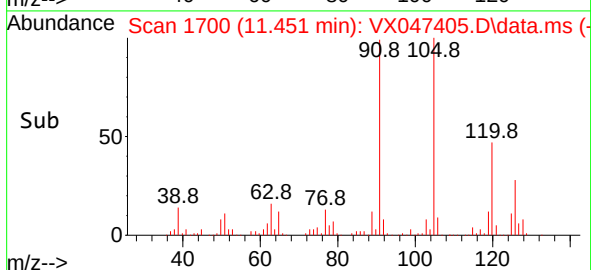
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

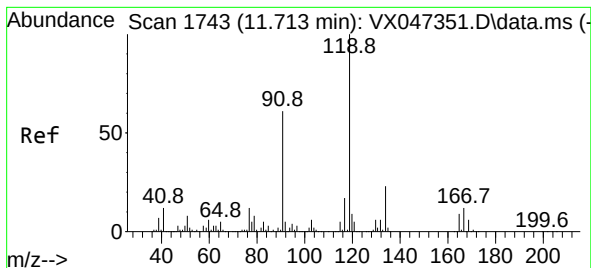


#82
4-Chlorotoluene
Concen: 16.839 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



Tgt Ion: 91 Resp: 212416
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.0





#83

tert-Butylbenzene

Concen: 16.688 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

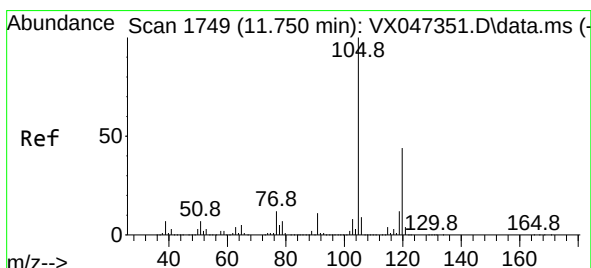
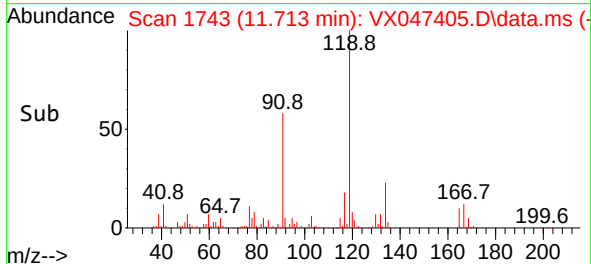
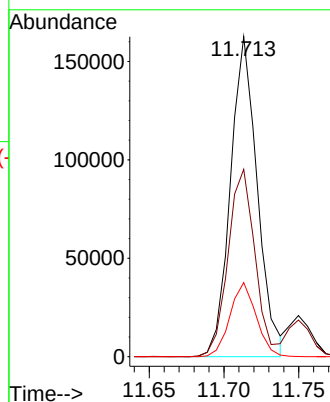
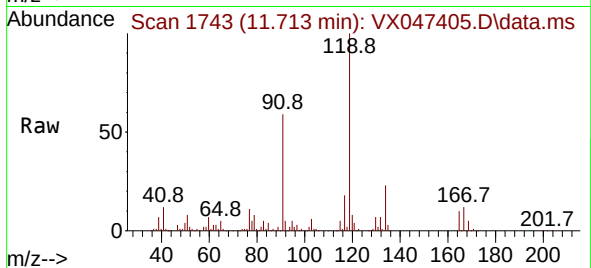
Tgt Ion:	119	Resp:	20304
Ion Ratio	Lower	Upper	
119	100		
91	59.3	29.1	87.4
134	22.7	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 17.098 ug/l

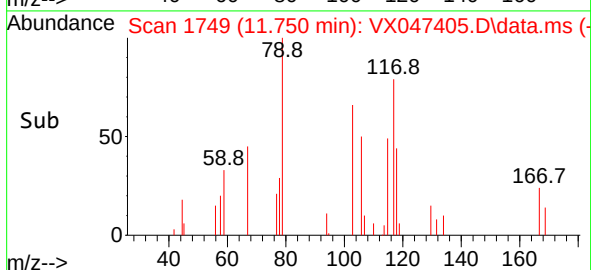
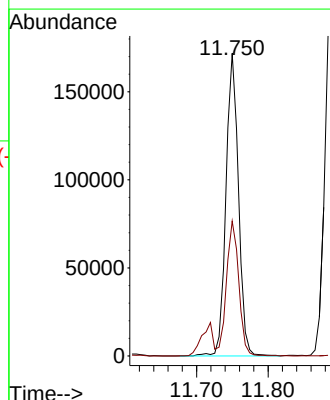
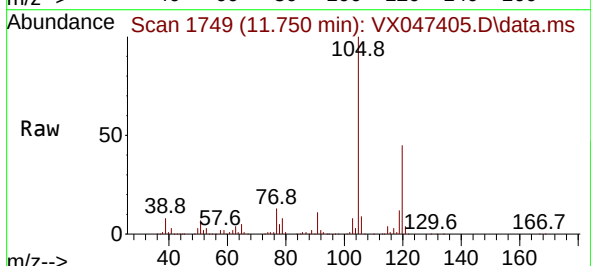
RT: 11.750 min Scan# 1749

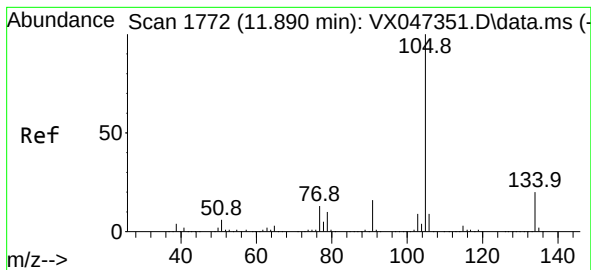
Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion:	105	Resp:	208526
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.9	65.7





#85

sec-Butylbenzene

Concen: 16.692 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

Tgt Ion:105 Resp: 251738

Ion Ratio Lower Upper

105 100

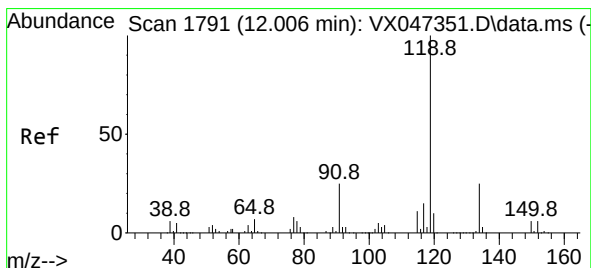
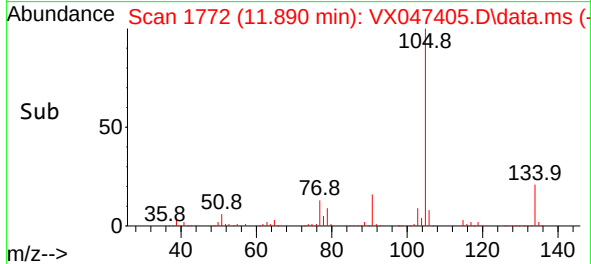
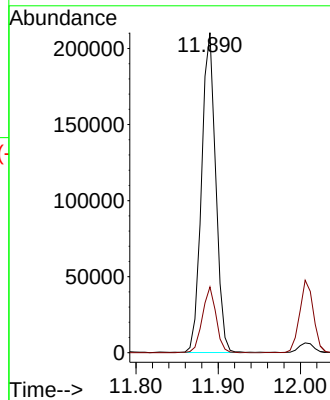
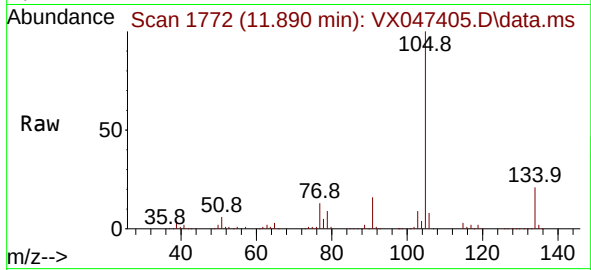
134 19.9 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#86

p-Isopropyltoluene

Concen: 16.732 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

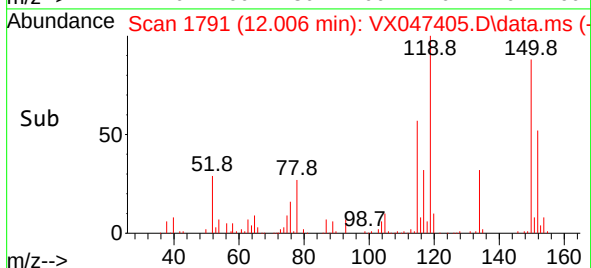
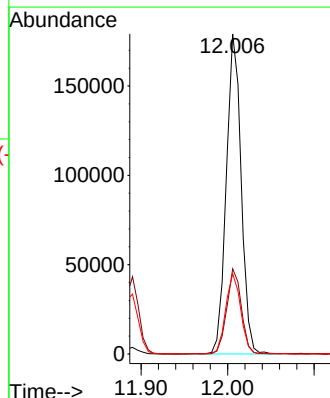
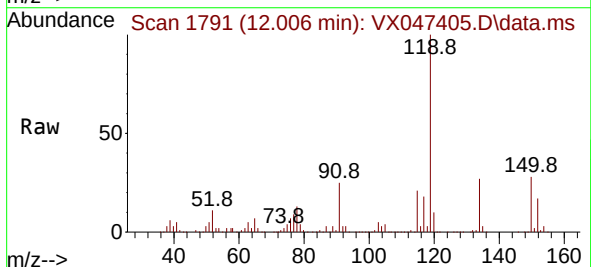
Tgt Ion:119 Resp: 213521

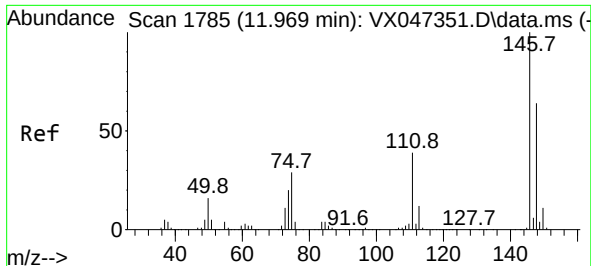
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

91 25.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 17.148 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047405.D

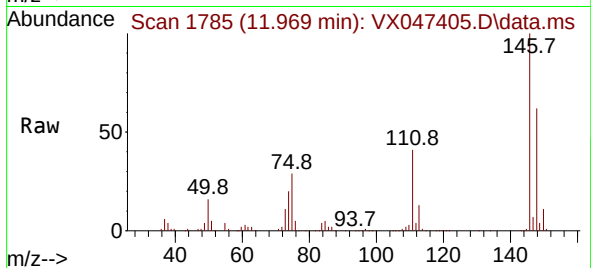
Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01



Tgt Ion:146 Resp: 118579

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

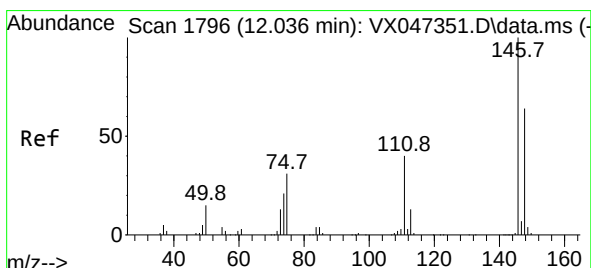
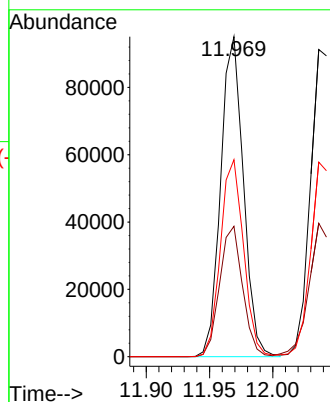
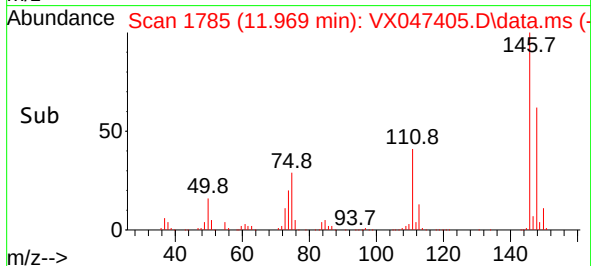
148 62.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#88

1,4-Dichlorobenzene

Concen: 16.684 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

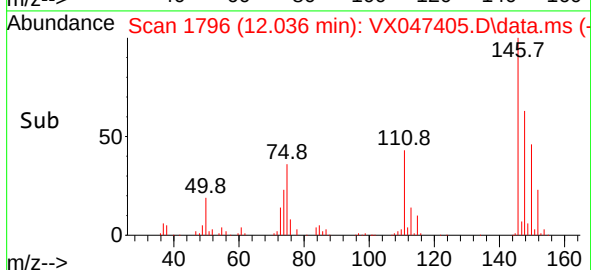
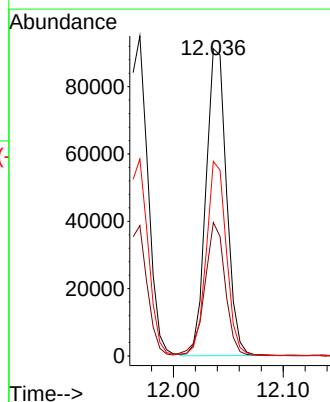
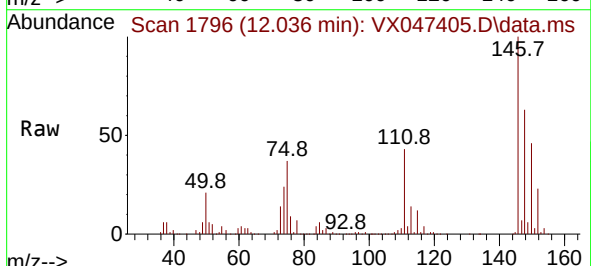
Tgt Ion:146 Resp: 118652

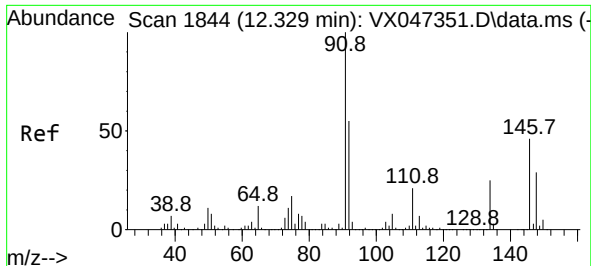
Ion Ratio Lower Upper

146 100

111 43.4 20.4 61.2

148 62.6 31.7 95.1





#89

n-Butylbenzene

Concen: 16.620 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047405.D

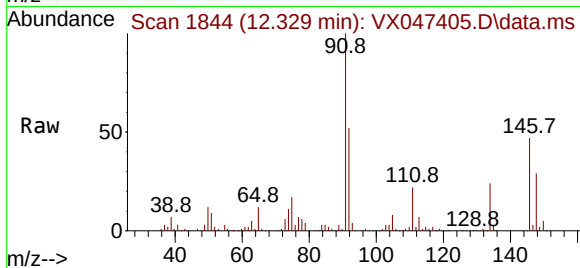
Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01



Tgt Ion: 91 Resp: 197278

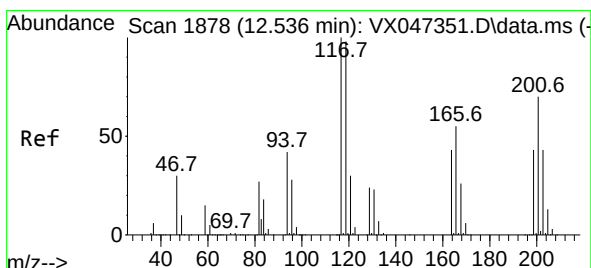
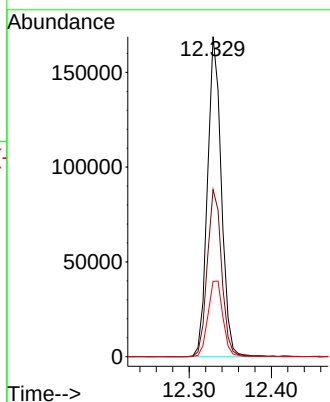
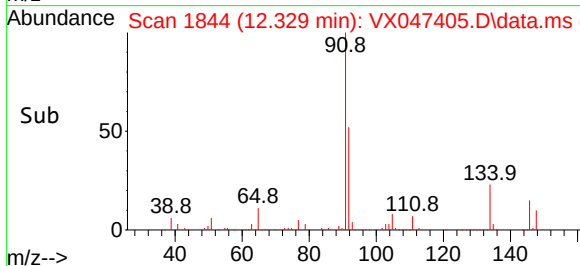
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.5
134	25.5	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#90

Hexachloroethane

Concen: 16.180 ug/l

RT: 12.536 min Scan# 1878

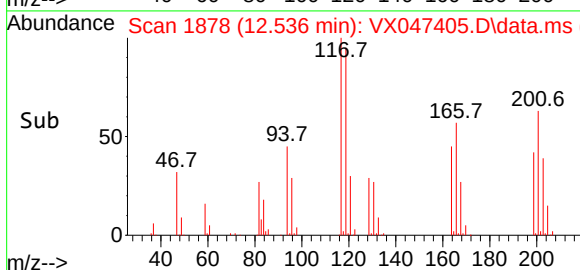
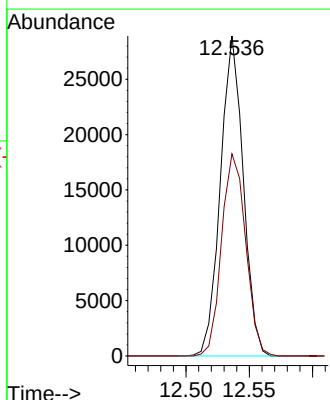
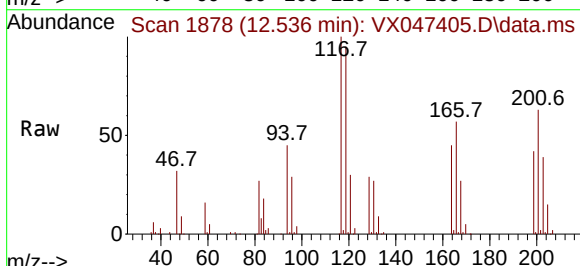
Delta R.T. 0.000 min

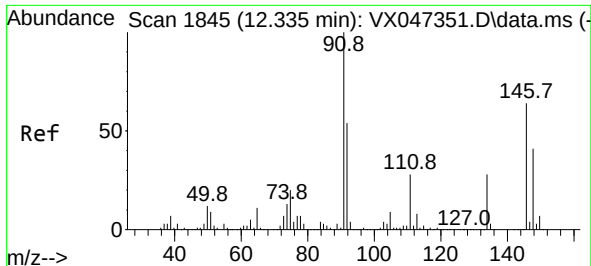
Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Tgt Ion:117 Resp: 36224

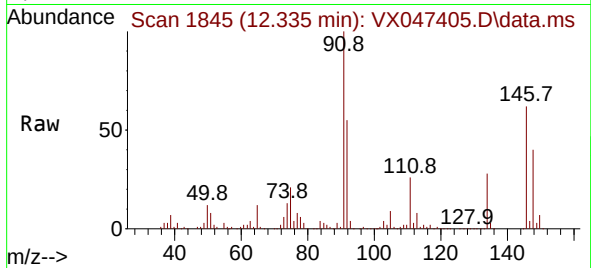
Ion	Ratio	Lower	Upper
117	100		
201	66.7	35.1	105.3





#91
1,2-Dichlorobenzene
Concen: 17.261 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

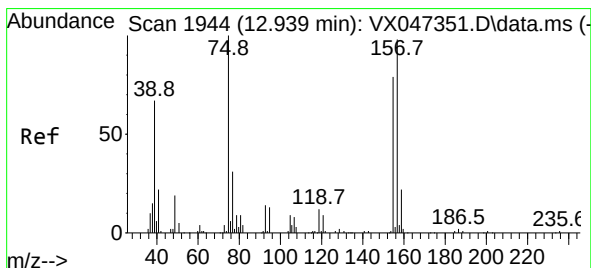
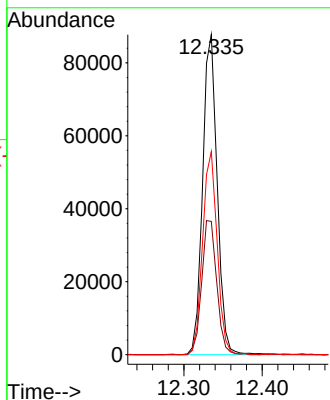
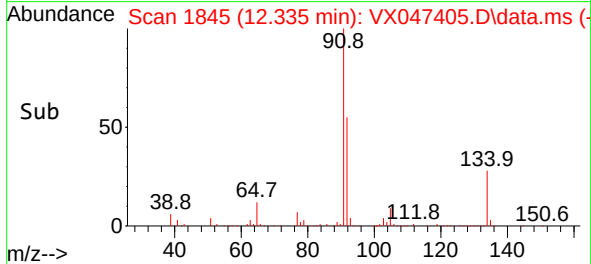
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



Tgt Ion:146 Resp: 11328
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.1
148 63.4 31.9 95.5

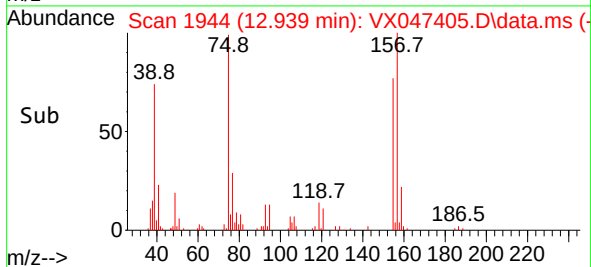
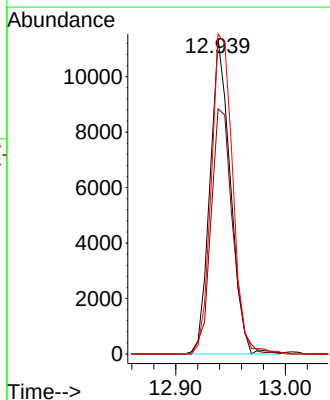
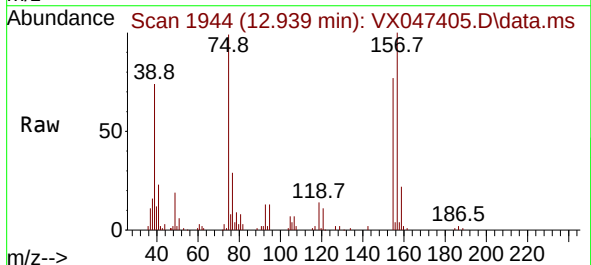
Manual Integrations
APPROVED

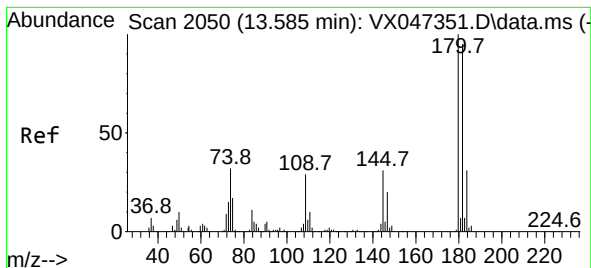
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.502 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

Tgt Ion: 75 Resp: 14730
Ion Ratio Lower Upper
75 100
155 82.4 41.3 123.7
157 106.3 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 16.457 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBSD01

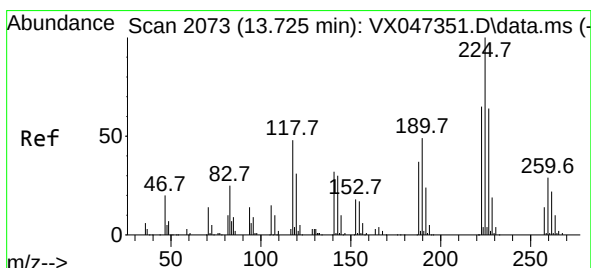
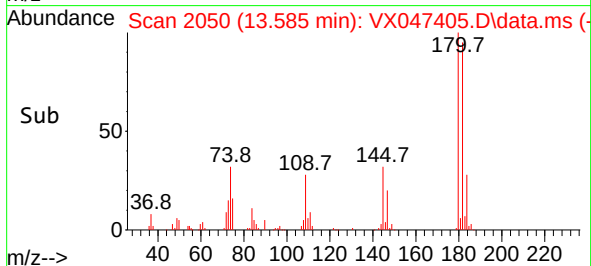
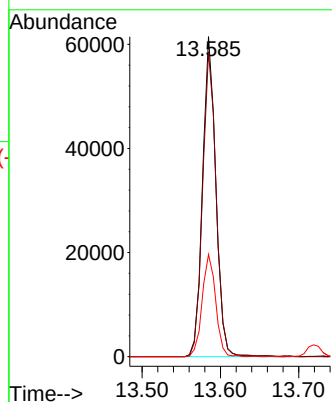
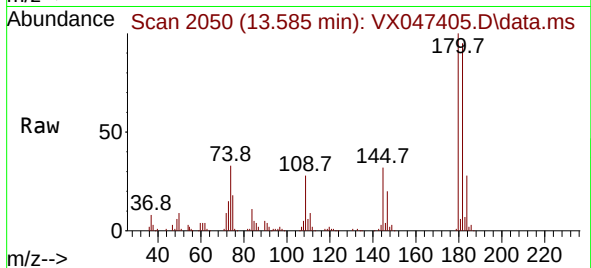
Tgt Ion:180	Resp:	7241
Ion Ratio	Lower	Upper
180	100	
182	97.3	48.1 144.4
145	32.4	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#94

Hexachlorobutadiene

Concen: 16.599 ug/l

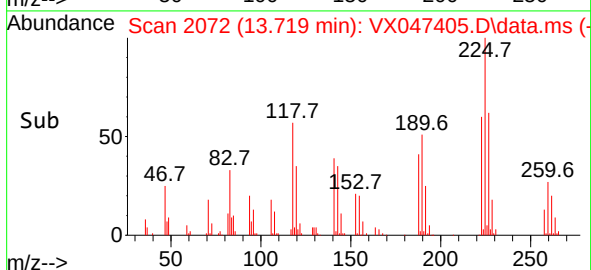
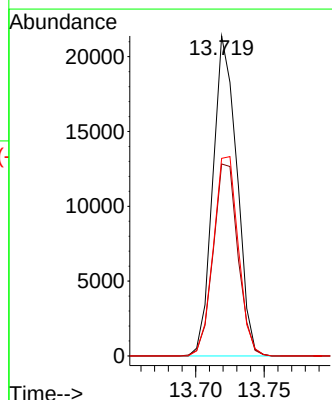
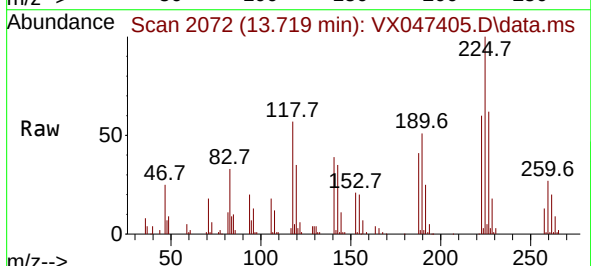
RT: 13.719 min Scan# 2072

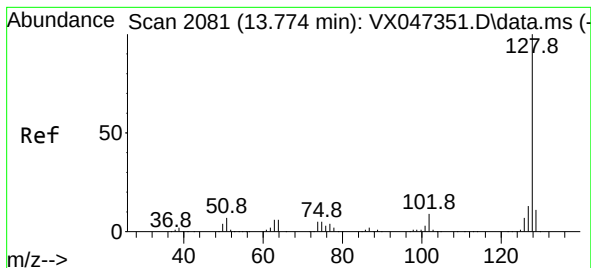
Delta R.T. -0.006 min

Lab File: VX047405.D

Acq: 19 Aug 2025 12:37

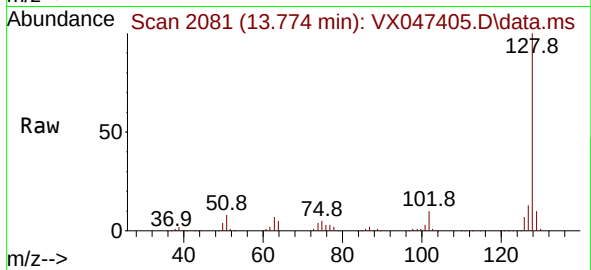
Tgt Ion:225	Resp:	25996
Ion Ratio	Lower	Upper
225	100	
223	62.1	32.2 96.6
227	65.0	31.6 95.0





#95
Naphthalene
Concen: 17.486 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37

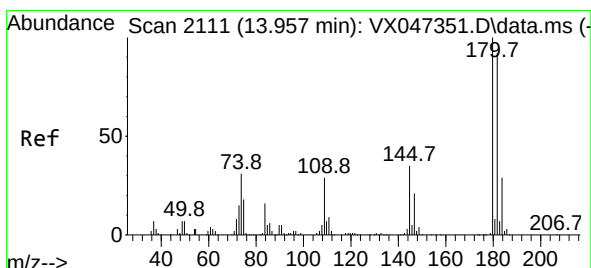
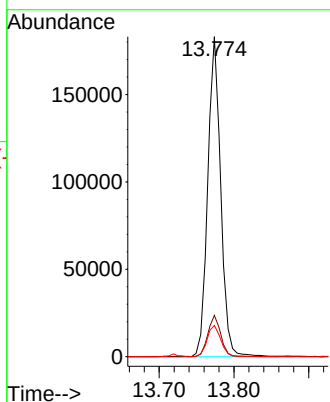
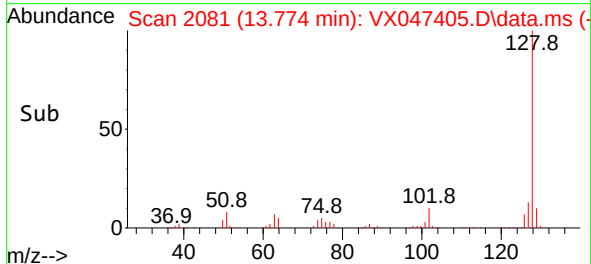
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBSD01



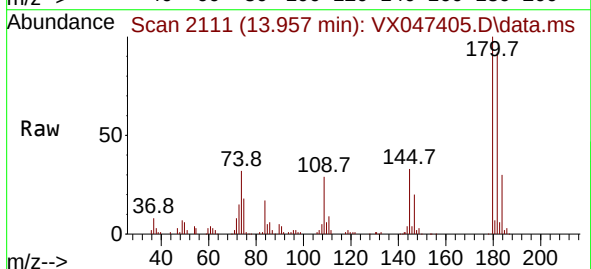
Tgt Ion:128 Resp: 219869
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.227 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047405.D
Acq: 19 Aug 2025 12:37



Tgt Ion:180 Resp: 71446
Ion Ratio Lower Upper
180 100
182 93.6 48.0 144.2
145 33.9 17.4 52.2

