

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047425.D
 Acq On : 19 Aug 2025 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 20 01:33:56 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	5.562	168	223750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	400909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	191138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177256	56.605	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.220%			
35) Dibromofluoromethane	5.397	113	135082	51.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	8.653	98	460594	49.526	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.079	95	187594	54.662	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	122389	42.909	ug/l	99
3) Chloromethane	1.313	50	113628	44.284	ug/l	99
4) Vinyl Chloride	1.392	62	141572	43.958	ug/l	99
5) Bromomethane	1.624	94	56610	43.518	ug/l	98
6) Chloroethane	1.703	64	83257	42.252	ug/l	99
7) Trichlorofluoromethane	1.904	101	204089	42.842	ug/l	98
8) Diethyl Ether	2.148	74	81882	48.815	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	116723	42.239	ug/l	98
10) Methyl Iodide	2.471	142	150394	31.758	ug/l	99
11) Tert butyl alcohol	2.965	59	74502	273.483	ug/l	96
12) 1,1-Dichloroethene	2.337	96	124577	44.220	ug/l	95
13) Acrolein	2.252	56	153473	266.880	ug/l	99
14) Allyl chloride	2.684	41	219208	44.799	ug/l	99
15) Acrylonitrile	3.081	53	341211	259.205	ug/l	99
16) Acetone	2.392	43	271040	230.270	ug/l	97
17) Carbon Disulfide	2.532	76	339858	39.978	ug/l	100
18) Methyl Acetate	2.715	43	167342	54.862	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	419584	48.957	ug/l	99
20) Methylene Chloride	2.806	84	146215	46.911	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	132919	44.453	ug/l	97
22) Diisopropyl ether	3.776	45	479885	49.616	ug/l	95
23) Vinyl Acetate	3.733	43	1963477	247.674	ug/l	99
24) 1,1-Dichloroethane	3.623	63	256138	46.852	ug/l	99
25) 2-Butanone	4.568	43	406290	263.558	ug/l	99
26) 2,2-Dichloropropane	4.495	77	162354	39.347	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	160514	46.090	ug/l	98
28) Bromochloromethane	4.910	49	120442	52.943	ug/l	99
29) Tetrahydrofuran	5.025	42	258930	259.873	ug/l	99
30) Chloroform	5.105	83	264579	47.421	ug/l	98
31) Cyclohexane	5.489	56	210293	41.728	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	213461	44.449	ug/l	99
36) 1,1-Dichloropropene	5.702	75	172322	41.954	ug/l	100
37) Ethyl Acetate	4.727	43	188718	44.258	ug/l	98
38) Carbon Tetrachloride	5.696	117	183554	40.895	ug/l	95
39) Methylcyclohexane	7.385	83	198884	38.819	ug/l	94
40) Benzene	6.050	78	540313	43.949	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	85601	47.606	ug/l	96
42) 1,2-Dichloroethane	6.098	62	197600	45.376	ug/l	99
43) Isopropyl Acetate	6.354	43	293062	47.841	ug/l	99
44) Trichloroethene	7.129	130	133973	42.559	ug/l	96
45) 1,2-Dichloropropane	7.433	63	138835	45.077	ug/l	98
46) Dibromomethane	7.586	93	102584	45.878	ug/l	98
47) Bromodichloromethane	7.824	83	207551	44.775	ug/l	100
48) Methyl methacrylate	7.696	41	151800	47.741	ug/l	100
49) 1,4-Dioxane	7.683	88	31220	1010.025	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	876089	248.529	ug/l	98
52) Toluene	8.720	92	338753	44.591	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	184995	45.727	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	207853	45.391	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	133696	46.352	ug/l	98
56) Ethyl methacrylate	9.116	69	206281	48.508	ug/l	99
57) 1,3-Dichloropropane	9.311	76	228701	46.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	483102	238.311	ug/l	99
59) 2-Hexanone	9.433	43	598364	245.394	ug/l	100
60) Dibromochloromethane	9.518	129	156660	45.703	ug/l	100
61) 1,2-Dibromoethane	9.610	107	136293	45.823	ug/l	99
64) Tetrachloroethene	9.275	164	107708	39.799	ug/l	99
65) Chlorobenzene	10.079	112	371836	41.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	130456	43.404	ug/l	100
67) Ethyl Benzene	10.195	91	642123	41.960	ug/l	99
68) m/p-Xylenes	10.299	106	485680	85.114	ug/l	99
69) o-Xylene	10.640	106	234310	42.669	ug/l	99
70) Styrene	10.652	104	409804	44.167	ug/l	99
71) Bromoform	10.799	173	98912	43.805	ug/l #	99
73) Isopropylbenzene	10.963	105	604342	40.404	ug/l	99
74) N-amyl acetate	10.841	43	253123	44.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	189997	43.264	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	150321m	42.879	ug/l	
77) Bromobenzene	11.195	156	151274	41.417	ug/l	99
78) n-propylbenzene	11.305	91	718624	40.228	ug/l	99
79) 2-Chlorotoluene	11.360	91	435174	40.298	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	499524	40.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28218	37.350	ug/l	100
82) 4-Chlorotoluene	11.451	91	504359	39.621	ug/l	99
83) tert-Butylbenzene	11.713	119	497254	40.499	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	509532	41.402	ug/l	99
85) sec-Butylbenzene	11.890	105	611062	40.153	ug/l	100
86) p-Isopropyltoluene	12.006	119	512989	39.835	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	282173	40.440	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	284933	39.703	ug/l	100
89) n-Butylbenzene	12.329	91	478191	39.923	ug/l	100
90) Hexachloroethane	12.536	117	90127	39.894	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	270890	40.902	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37223	43.828	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	178812	40.273	ug/l	99
94) Hexachlorobutadiene	13.725	225	58535	37.038	ug/l	99
95) Naphthalene	13.774	128	564719	44.507	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	172490	41.215	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050EC

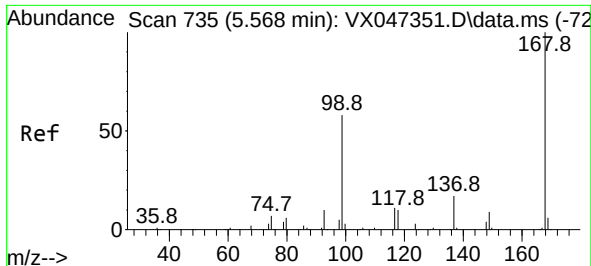
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/20/2025

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Response via : Initial Calibration

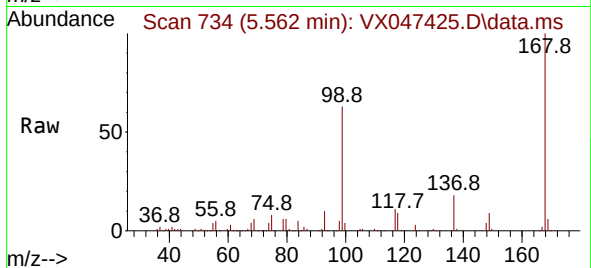
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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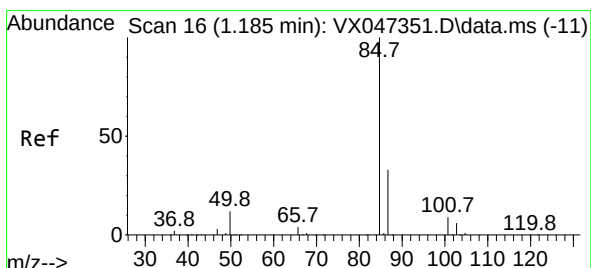
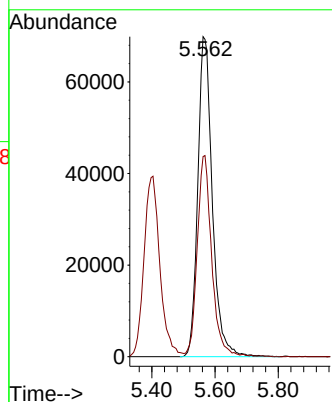
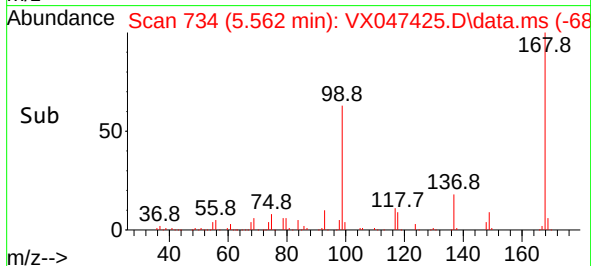
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 223750
Ion Ratio Lower Upper
168 100
99 62.6 47.9 71.9

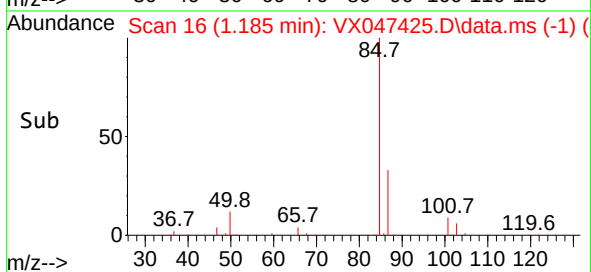
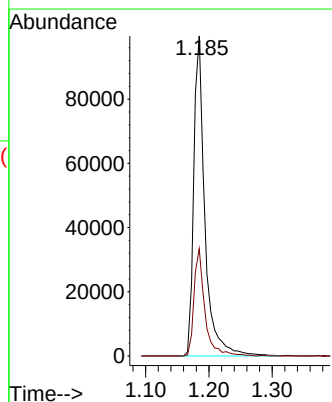
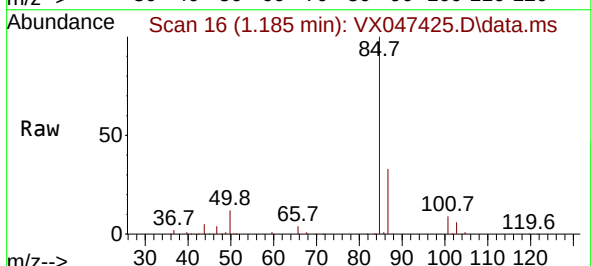
Manual Integrations
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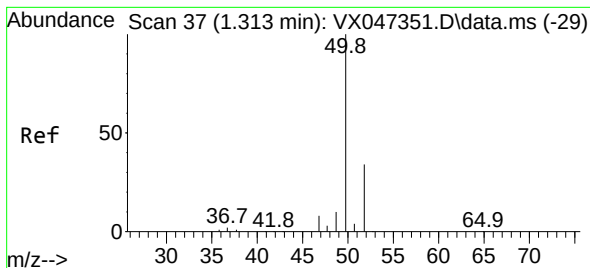
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#2
Dichlorodifluoromethane
Concen: 42.909 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 85 Resp: 122389
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1





#3

Chloromethane

Concen: 44.284 ug/l

RT: 1.313 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 113628

Ion Ratio Lower Upper

50 100

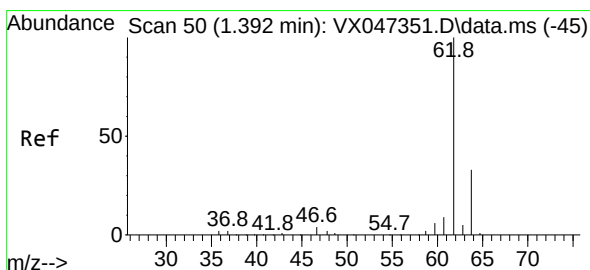
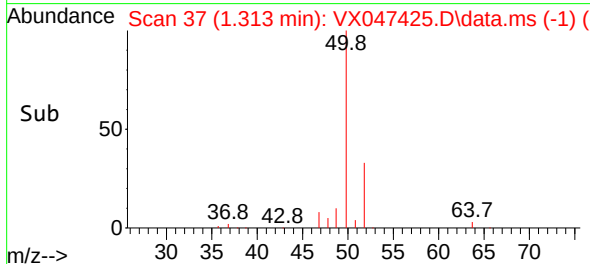
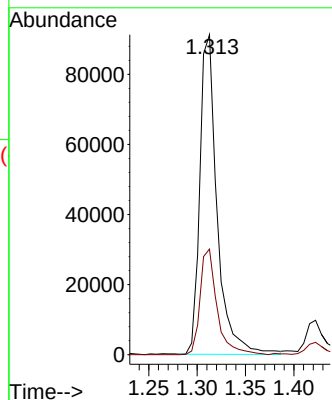
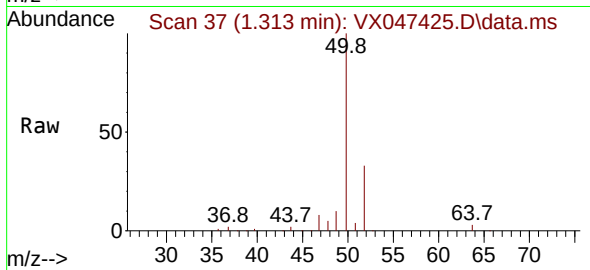
52 33.0 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#4

Vinyl Chloride

Concen: 43.958 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047425.D

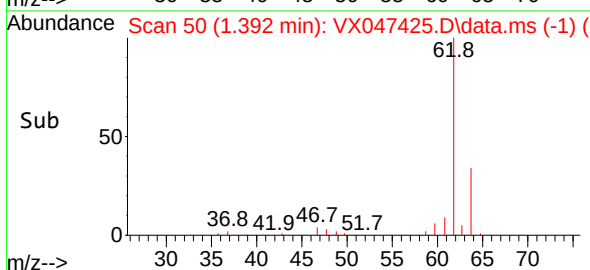
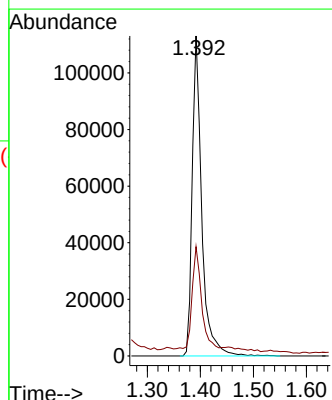
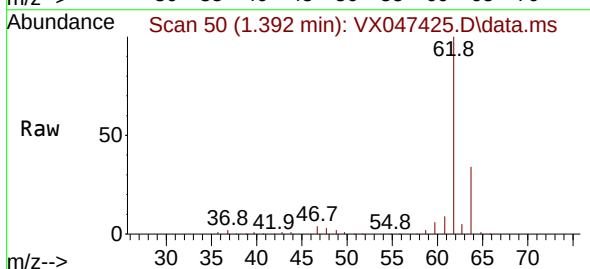
Acq: 19 Aug 2025 19:47

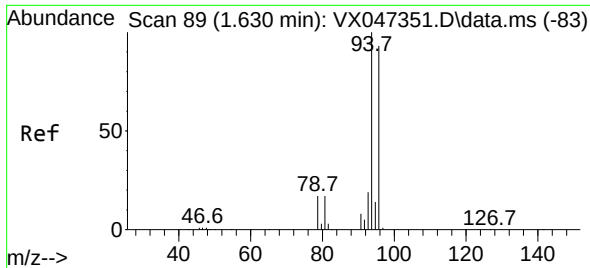
Tgt Ion: 62 Resp: 141572

Ion Ratio Lower Upper

62 100

64 32.7 26.5 39.7





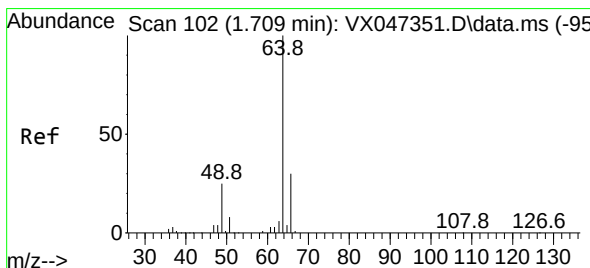
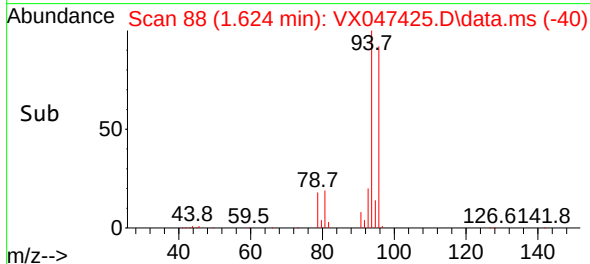
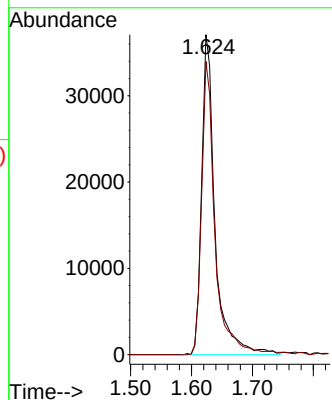
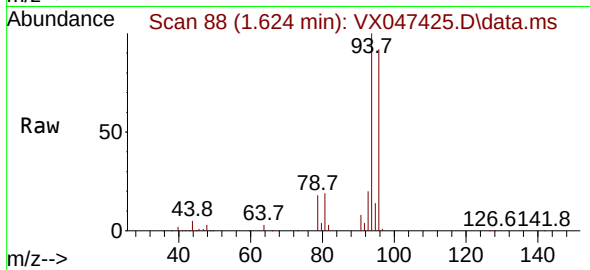
#5
Bromomethane
Concen: 43.518 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047425.D
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ClientSampleId :
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Tgt Ion: 94 Resp: 56610
Ion Ratio Lower Upper
94 100
96 91.6 74.7 112.1

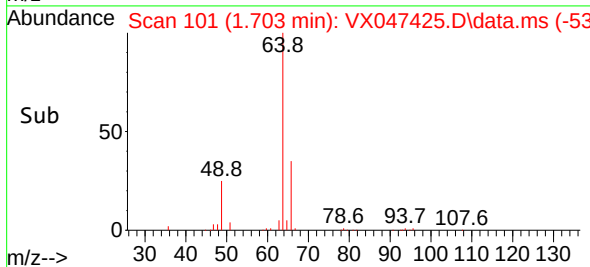
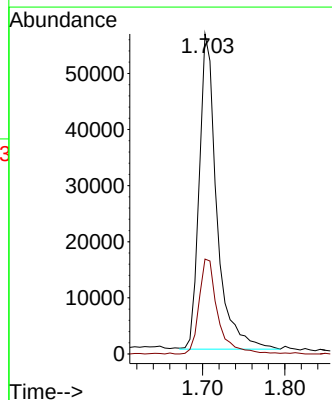
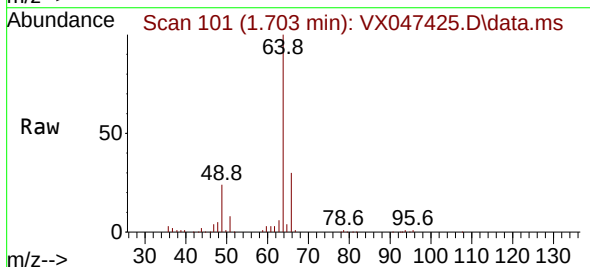
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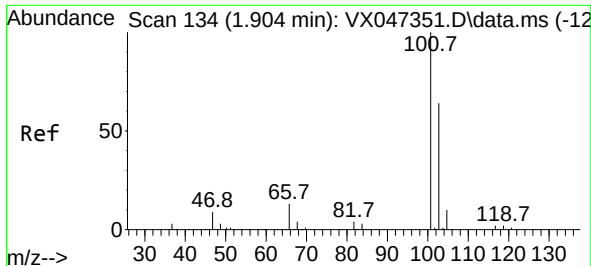
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#6
Chloroethane
Concen: 42.252 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

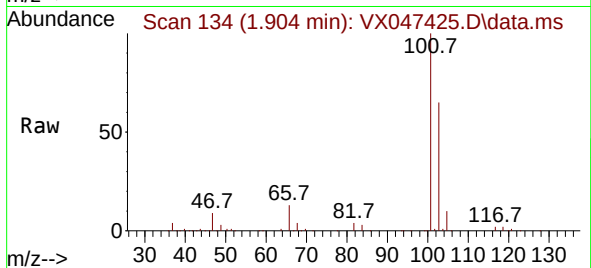
Tgt Ion: 64 Resp: 83257
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 42.842 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047425.D
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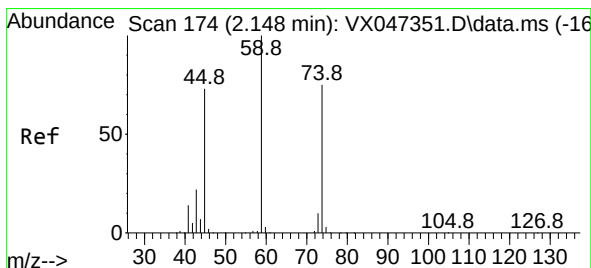
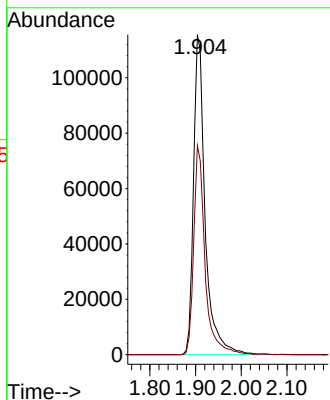
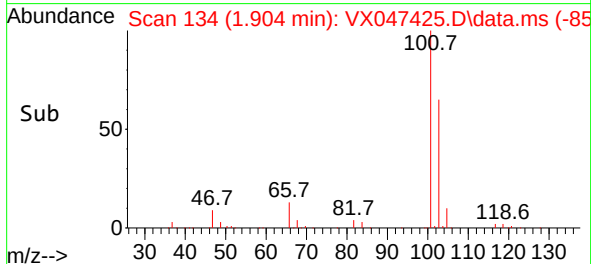
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 204089
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3

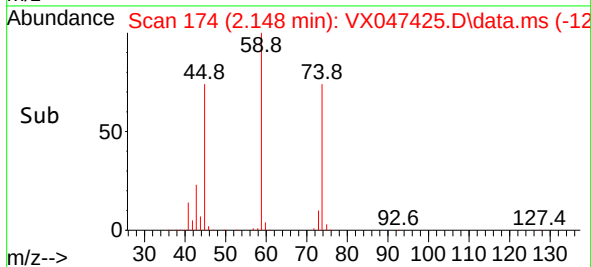
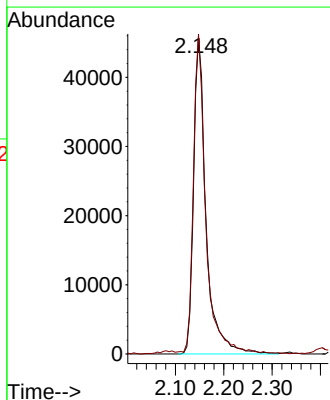
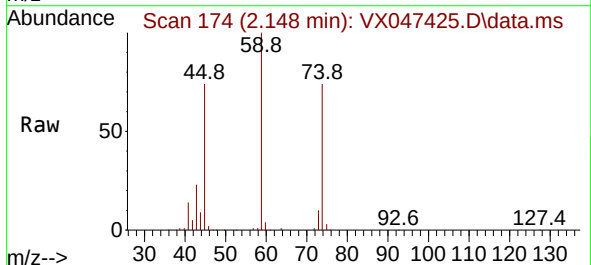
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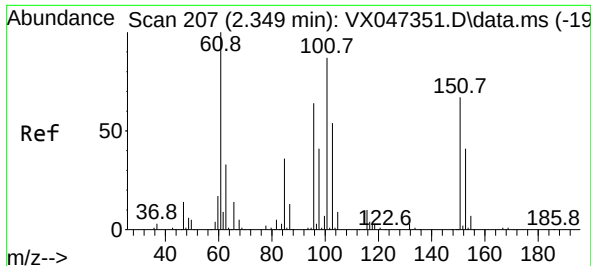
Reviewed By :John Carlone 08/20/2025
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#8
Diethyl Ether
Concen: 48.815 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047425.D
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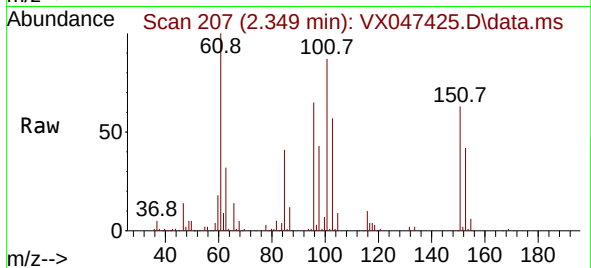
Tgt Ion: 74 Resp: 81882
Ion Ratio Lower Upper
74 100
45 98.8 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.239 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047425.D
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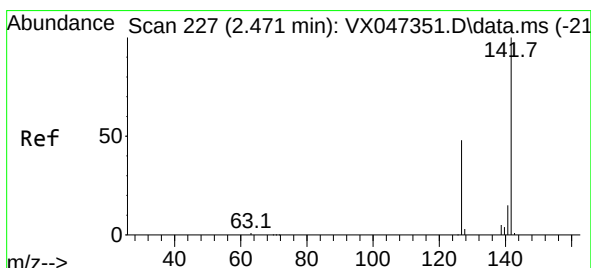
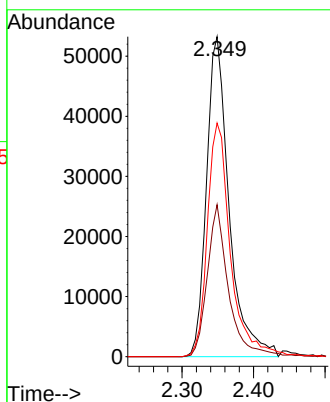
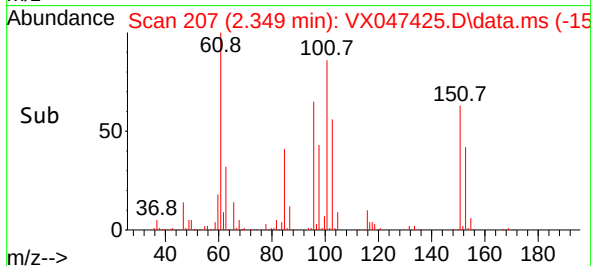
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



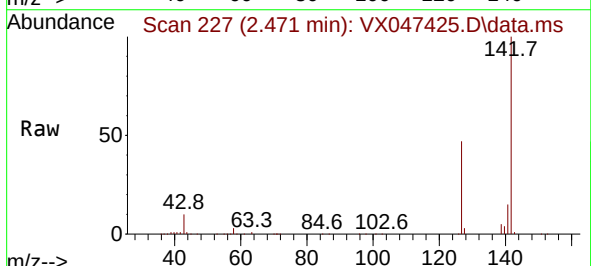
Tgt Ion:101 Resp: 11672
Ion Ratio Lower Upper
101 100
85 44.9 34.3 51.5
151 75.2 59.2 88.8

Manual Integrations
APPROVED

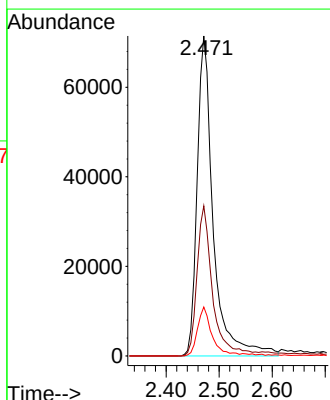
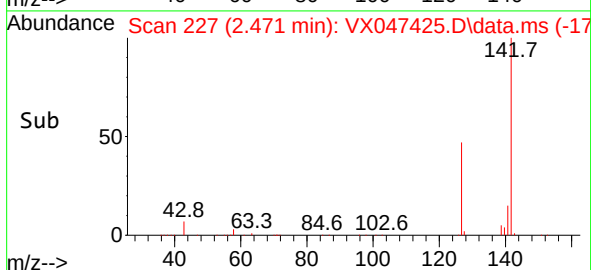
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

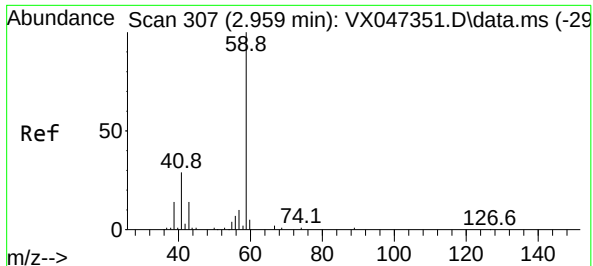


#10
Methyl Iodide
Concen: 31.758 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



Tgt Ion:142 Resp: 150394
Ion Ratio Lower Upper
142 100
127 45.3 36.1 54.1
141 14.5 11.1 16.7





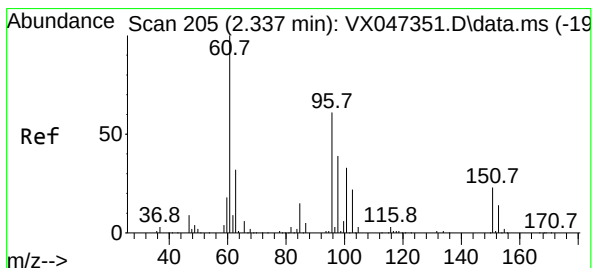
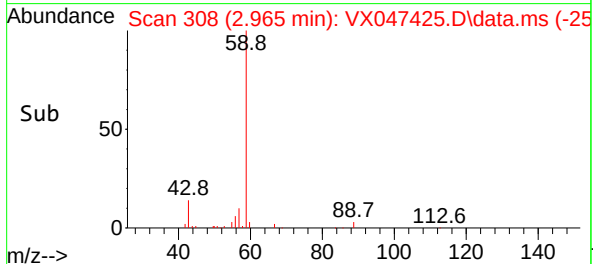
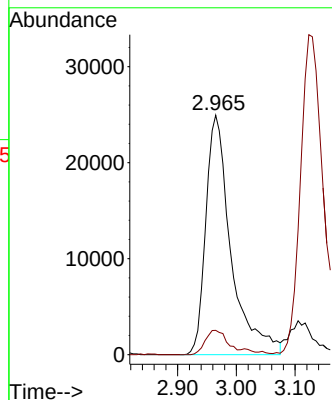
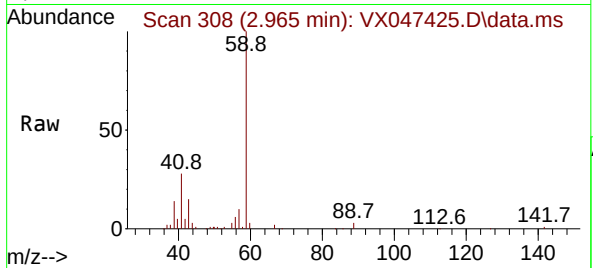
#11
Tert butyl alcohol
Concen: 273.483 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 74502
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5

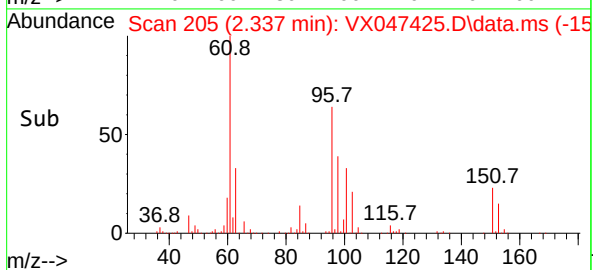
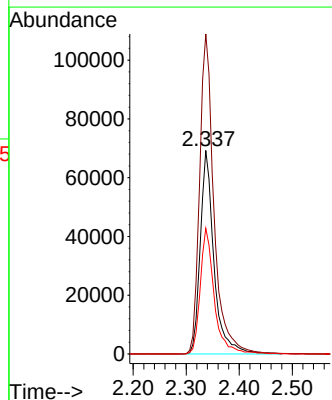
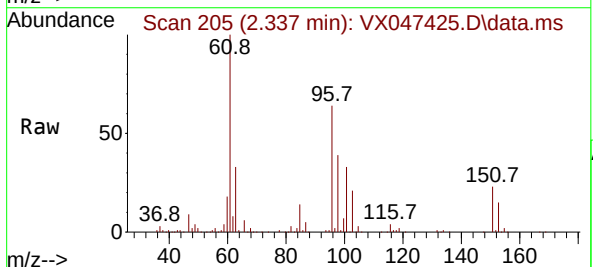
Manual Integrations
APPROVED

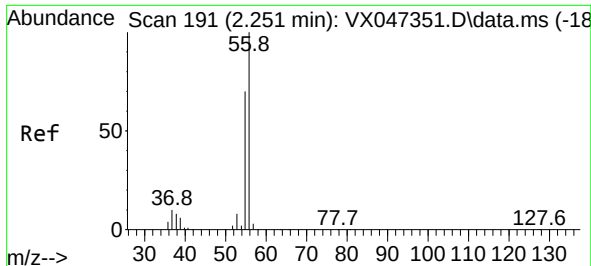
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#12
1,1-Dichloroethene
Concen: 44.220 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

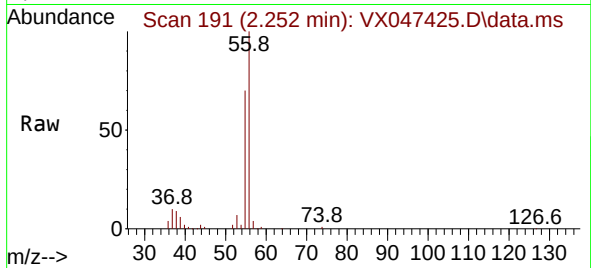
Tgt Ion: 96 Resp: 124577
Ion Ratio Lower Upper
96 100
61 157.3 132.2 198.2
98 61.8 51.2 76.8





#13
Acrolein
Concen: 266.880 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

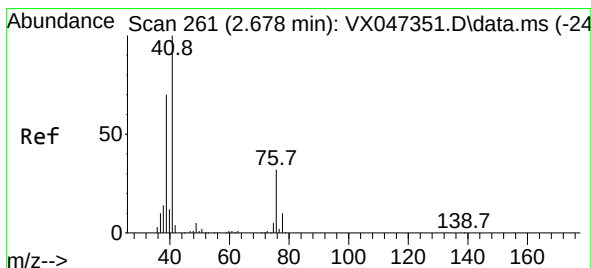
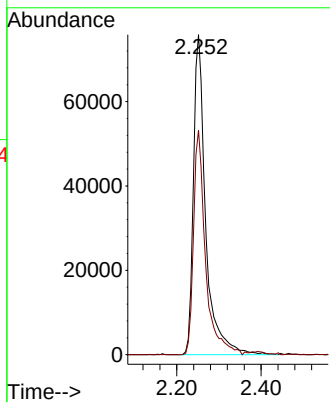
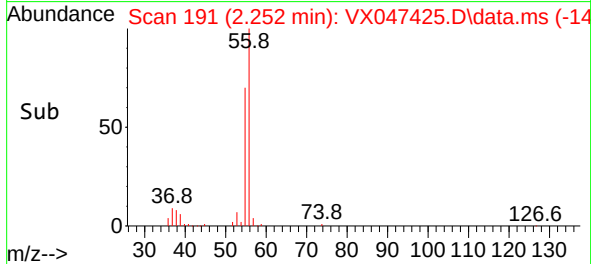
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 153473
Ion Ratio Lower Upper
56 100
55 68.6 55.5 83.3

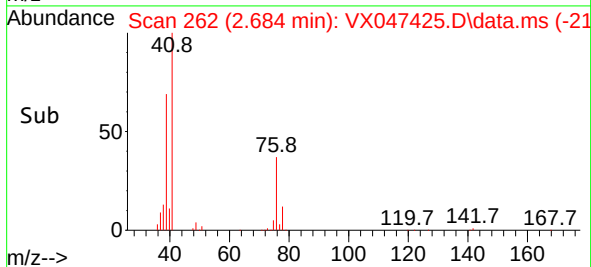
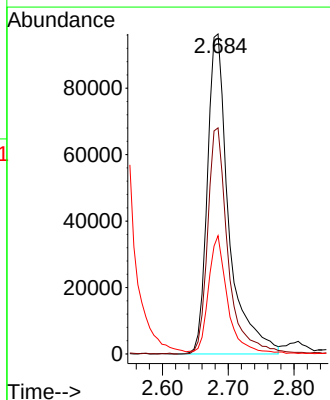
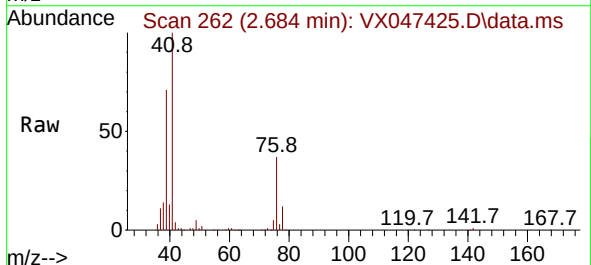
Manual Integrations
APPROVED

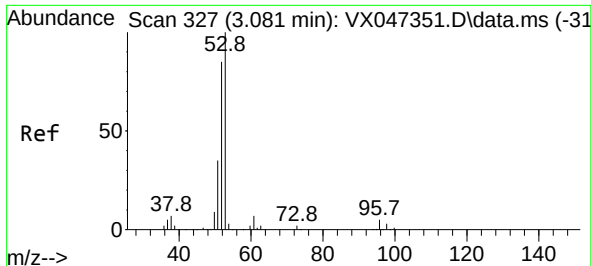
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Allyl chloride
Concen: 44.799 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

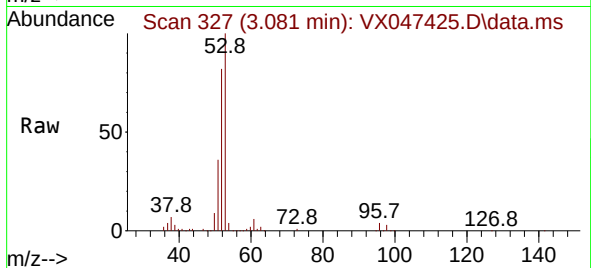
Tgt Ion: 41 Resp: 219208
Ion Ratio Lower Upper
41 100
39 67.5 54.6 81.8
76 33.2 27.6 41.4





#15
Acrylonitrile
Concen: 259.205 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

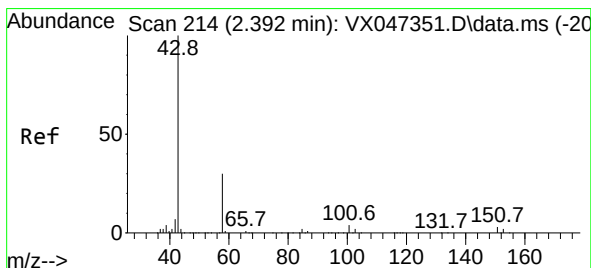
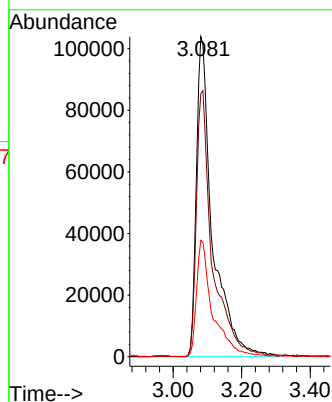
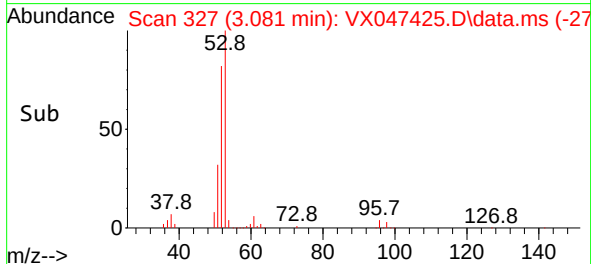
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 34121
Ion Ratio Lower Upper
53 100
52 81.9 65.8 98.6
51 36.5 28.2 42.2

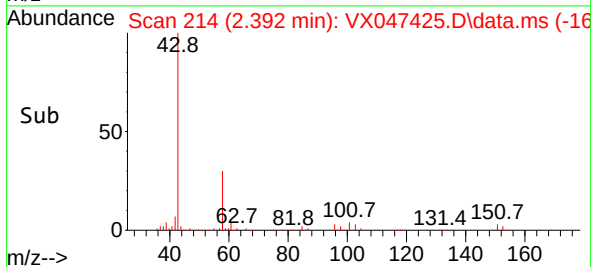
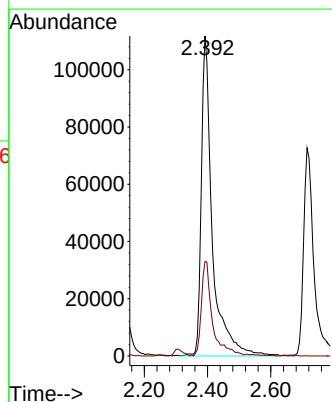
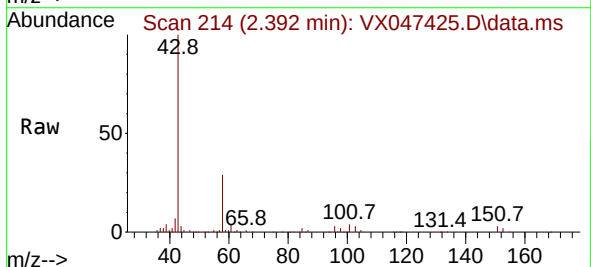
Manual Integrations
APPROVED

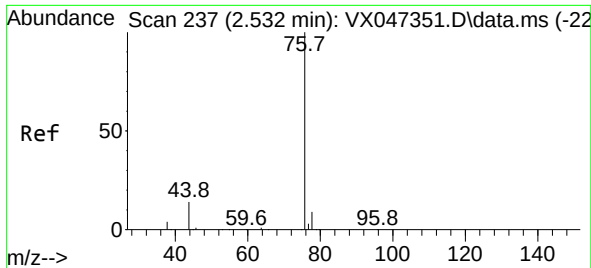
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#16
Acetone
Concen: 230.270 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 43 Resp: 271040
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2





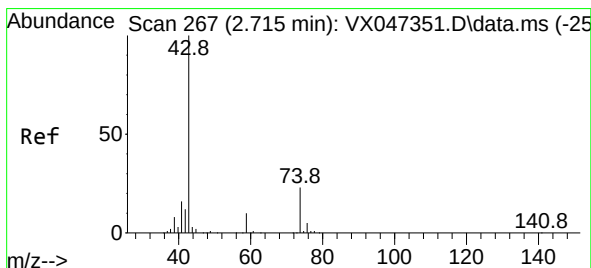
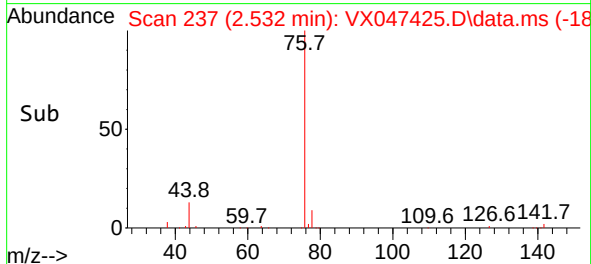
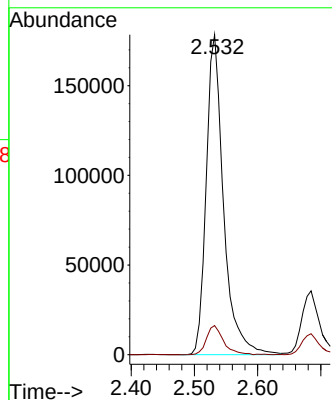
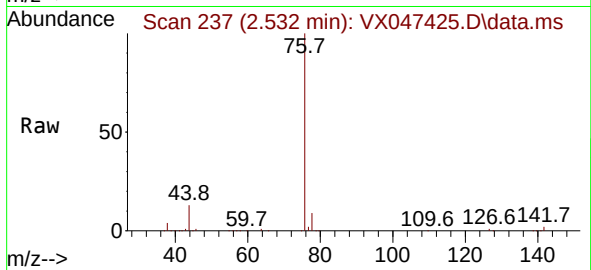
#17
Carbon Disulfide
Concen: 39.978 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 339858
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

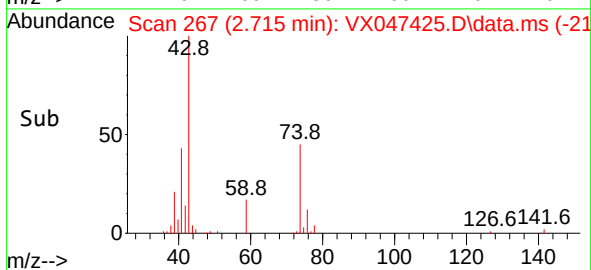
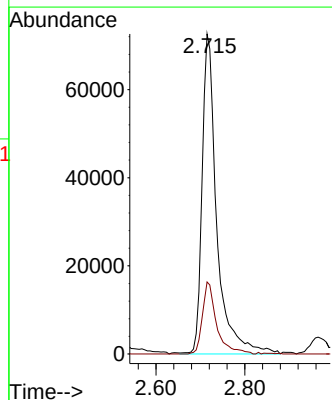
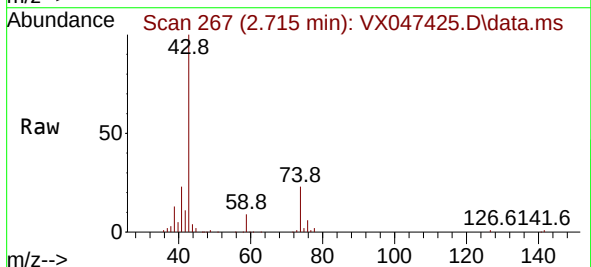
Manual Integrations
APPROVED

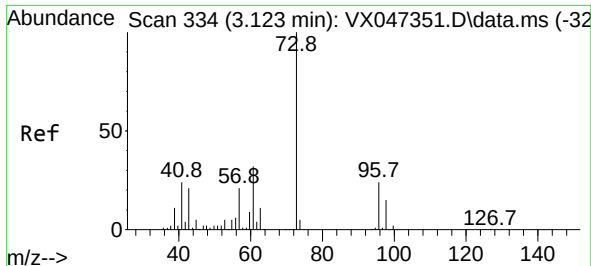
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 54.862 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 43 Resp: 167342
Ion Ratio Lower Upper
43 100
74 21.6 18.4 27.6





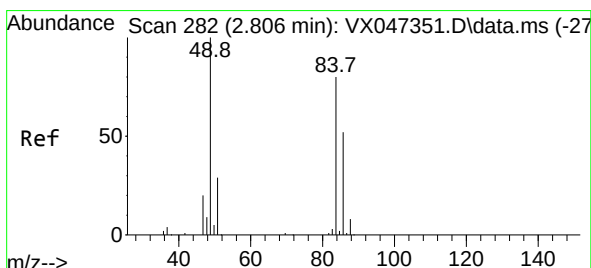
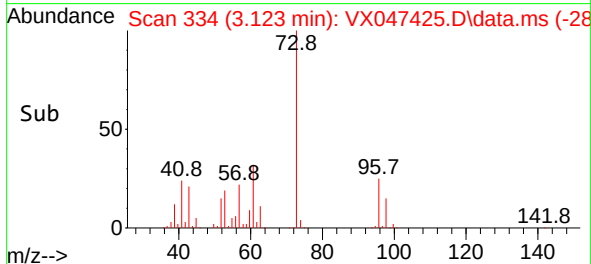
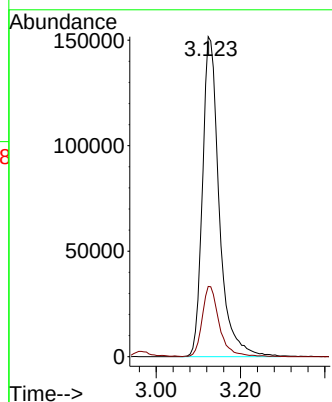
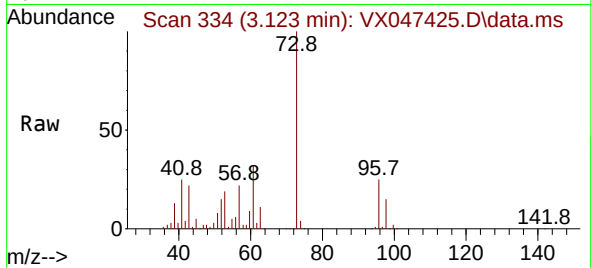
#19
Methyl tert-butyl Ether
Concen: 48.957 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 419584
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

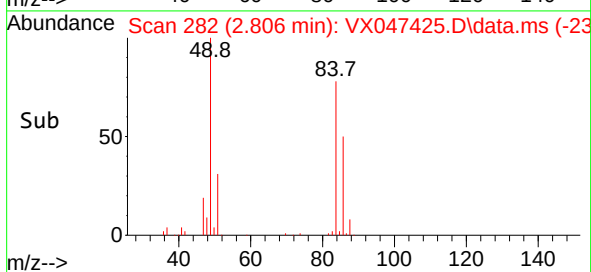
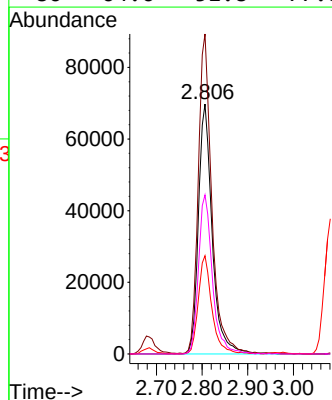
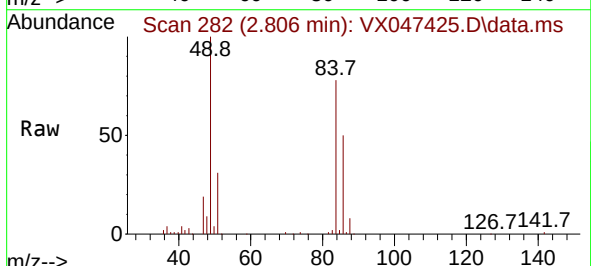
Manual Integrations
APPROVED

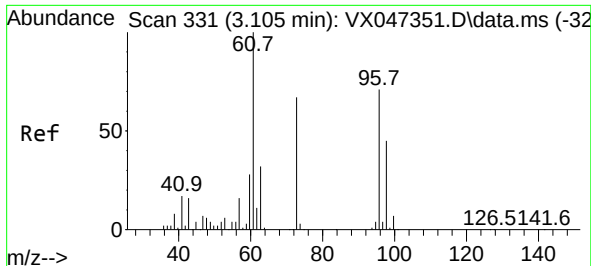
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 46.911 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

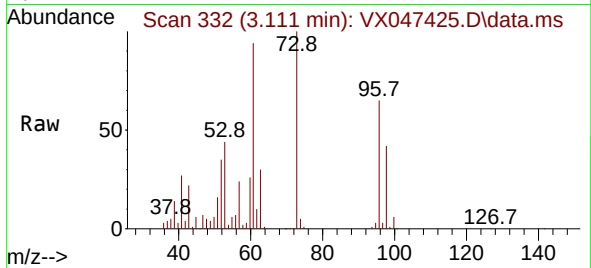
Tgt Ion: 84 Resp: 146215
Ion Ratio Lower Upper
84 100
49 127.7 100.1 150.1
51 39.3 29.5 44.3
86 64.6 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 44.453 ug/l
RT: 3.111 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

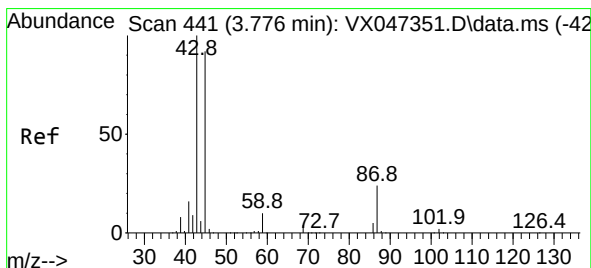
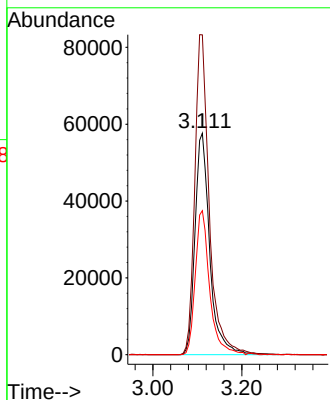
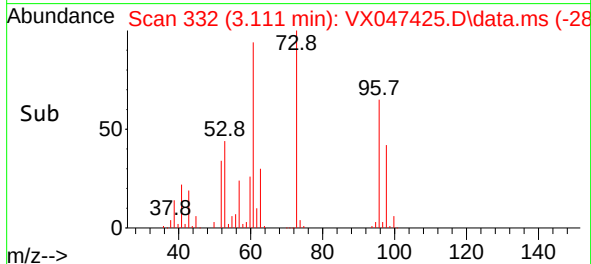
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 132919
Ion Ratio Lower Upper
96 100
61 144.4 112.6 169.0
98 65.0 50.9 76.3

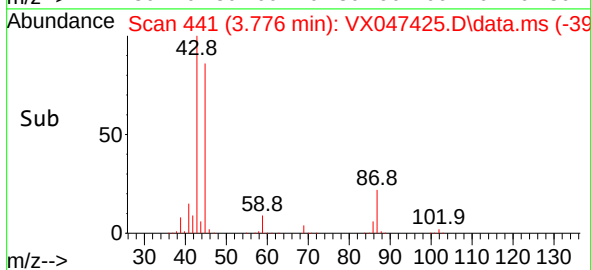
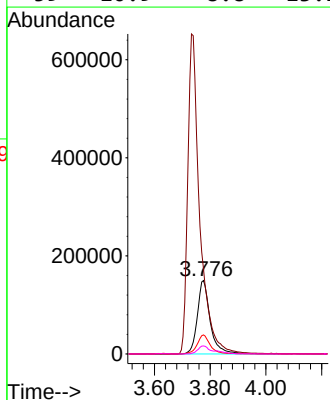
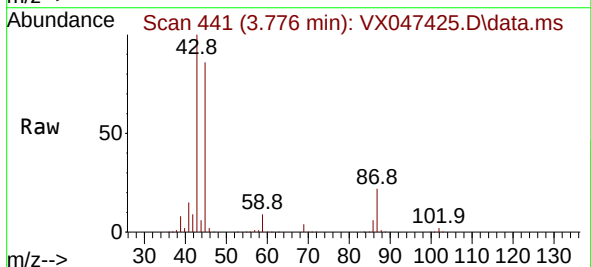
Manual Integrations
APPROVED

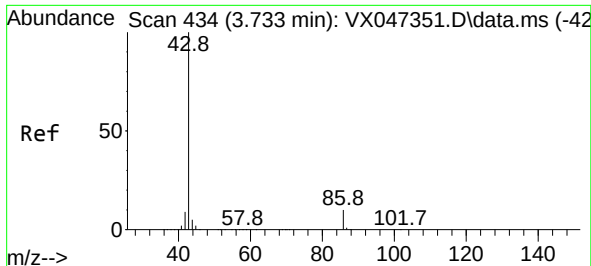
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 49.616 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

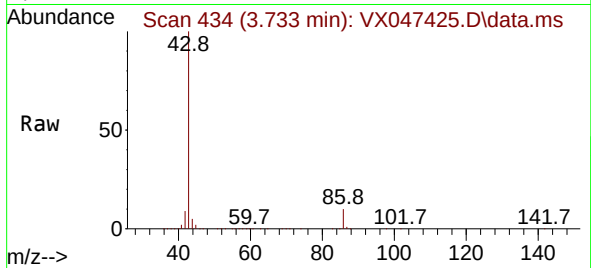
Tgt Ion: 45 Resp: 479885
Ion Ratio Lower Upper
45 100
43 115.7 86.8 130.2
87 26.0 20.4 30.6
59 10.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 247.674 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047425.D
 Acq: 19 Aug 2025 19:47

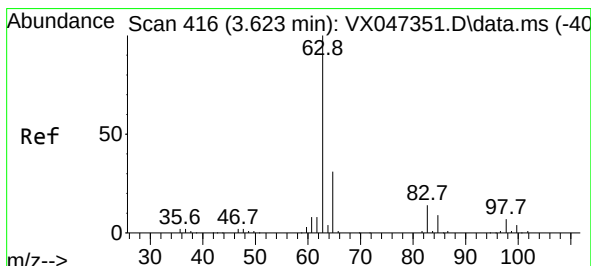
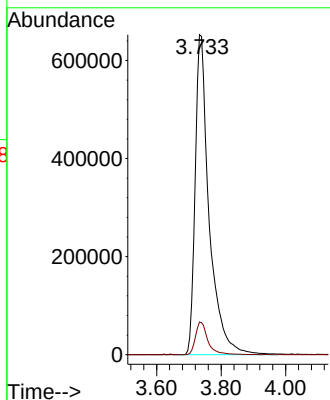
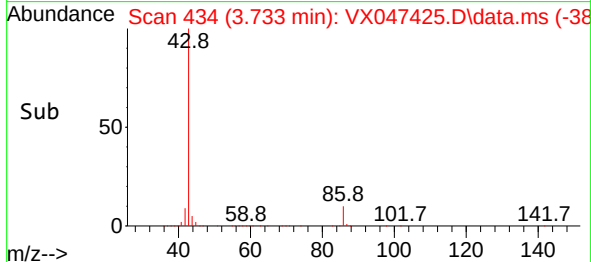
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



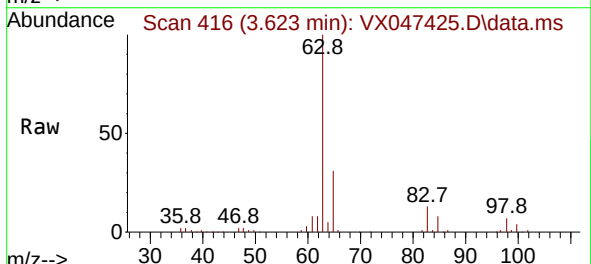
Tgt Ion: 43 Resp: 196347
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

Manual Integrations
 APPROVED

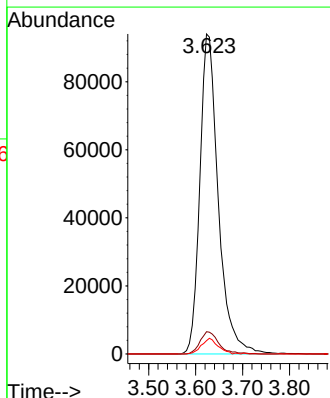
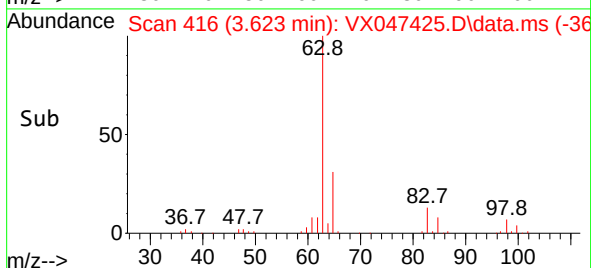
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

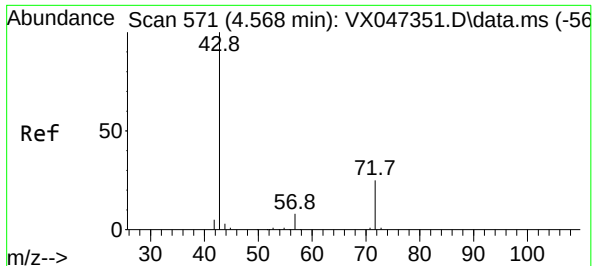


#24
 1,1-Dichloroethane
 Concen: 46.852 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047425.D
 Acq: 19 Aug 2025 19:47



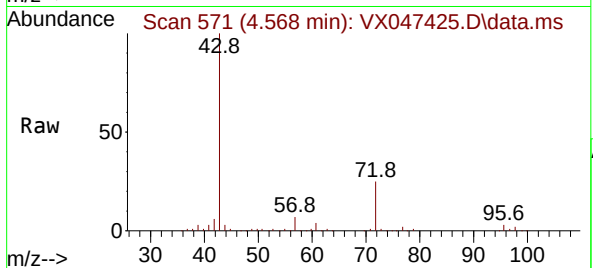
Tgt Ion: 63 Resp: 256138
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.1 2.1 6.3





#25
2-Butanone
Concen: 263.558 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

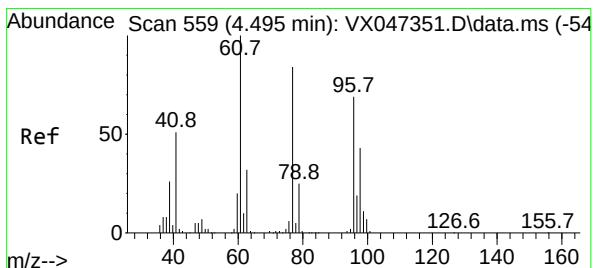
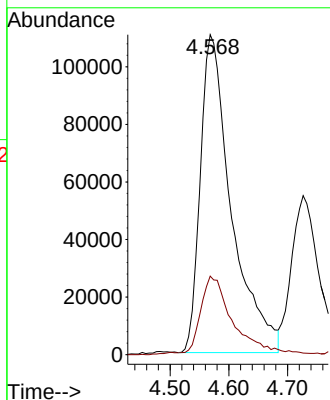
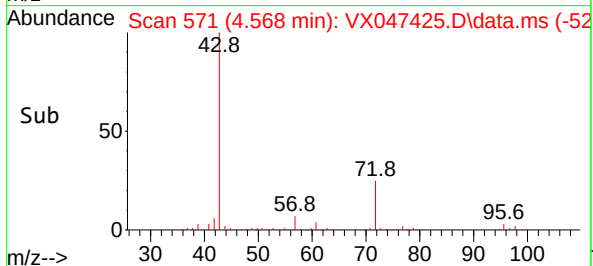
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 406290
Ion Ratio Lower Upper
43 100
72 24.1 19.8 29.8

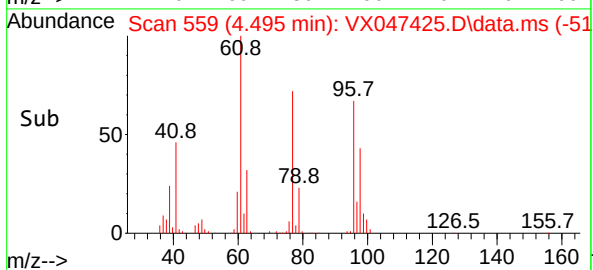
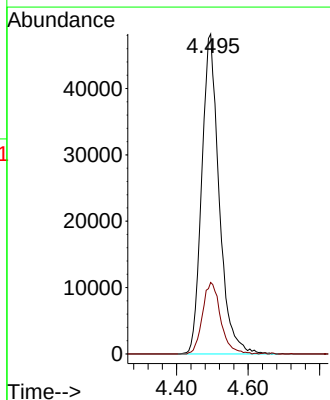
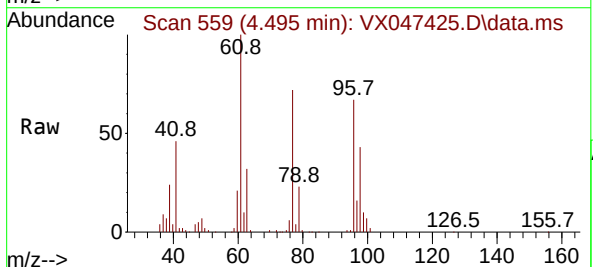
Manual Integrations
APPROVED

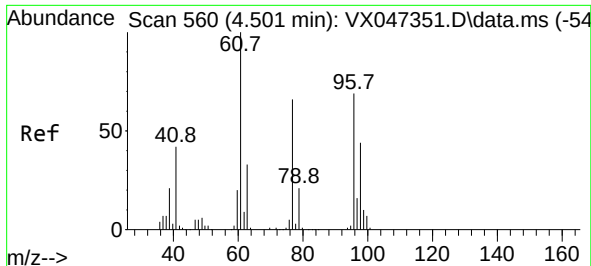
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#26
2,2-Dichloropropane
Concen: 39.347 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 77 Resp: 162354
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.090 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 160514

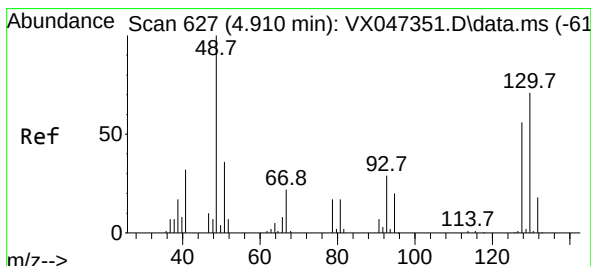
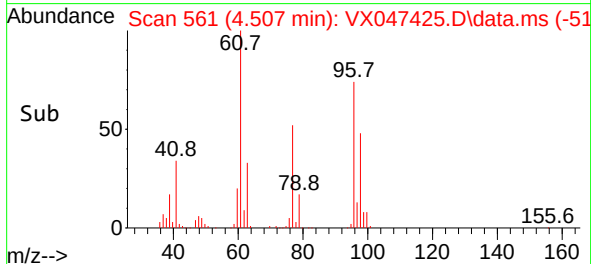
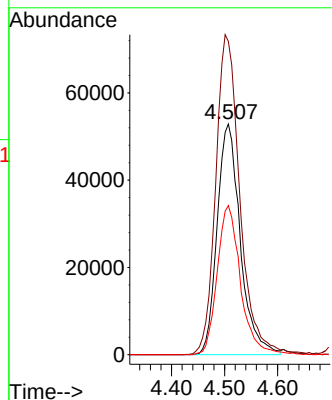
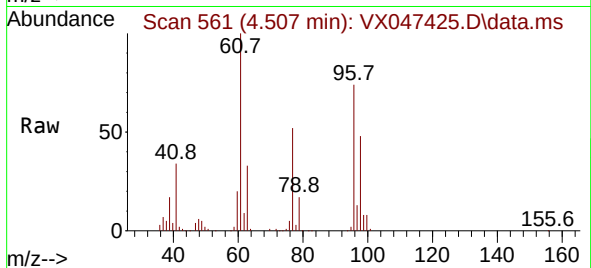
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	296.6
98	65.2	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#28

Bromochloromethane

Concen: 52.943 ug/l

RT: 4.910 min Scan# 627

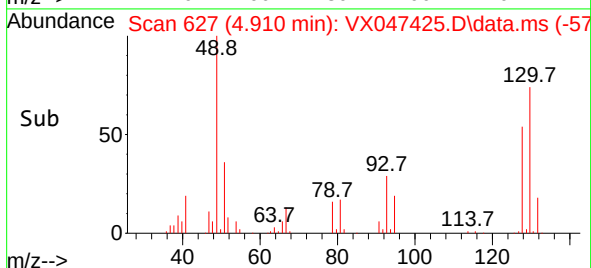
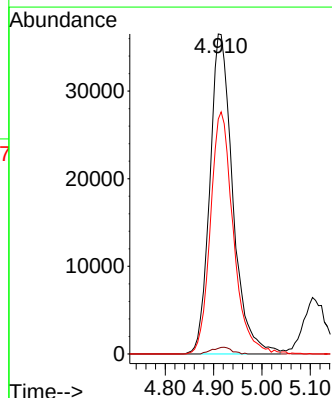
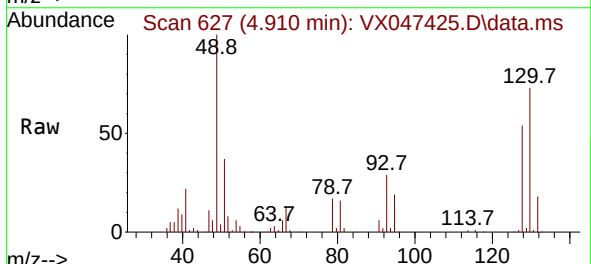
Delta R.T. 0.000 min

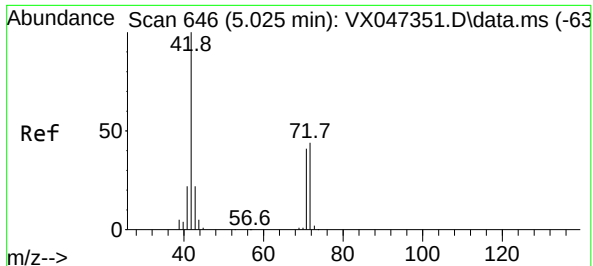
Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Tgt Ion: 49 Resp: 120442

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	75.6	59.8	89.6





#29

Tetrahydrofuran

Concen: 259.873 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.000 min

Lab File: VX047425.D

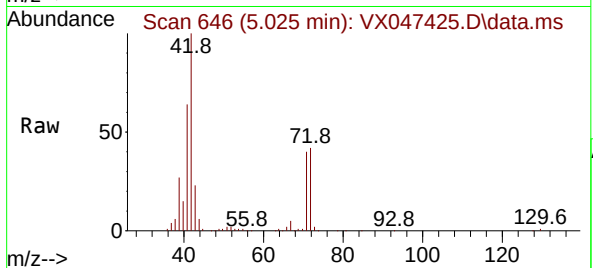
Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



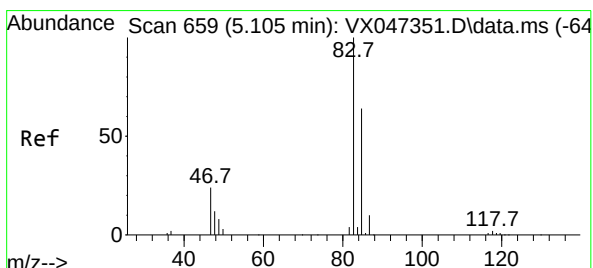
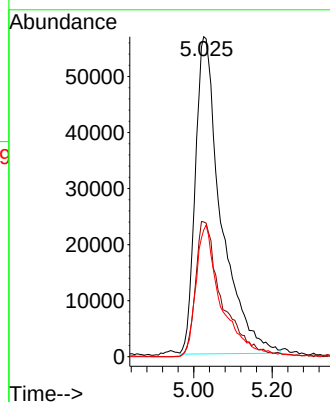
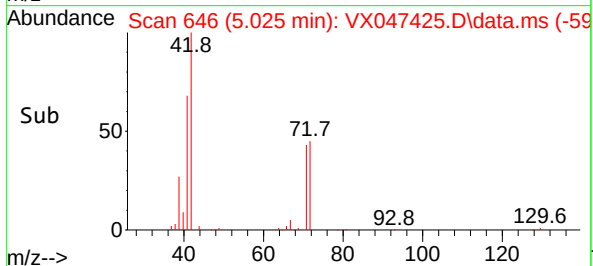
Tgt Ion:	42	Resp:	258930
Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.6	51.8
71	40.7	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 47.421 ug/l

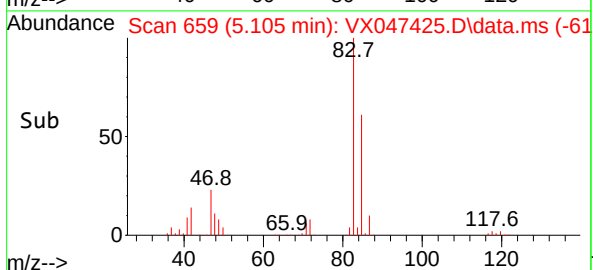
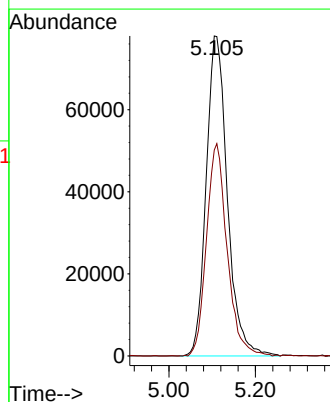
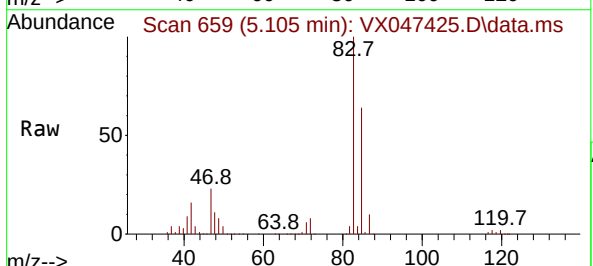
RT: 5.105 min Scan# 659

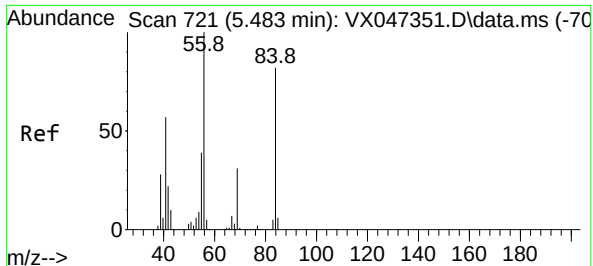
Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

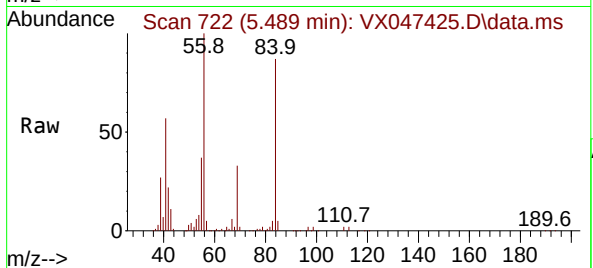
Tgt Ion:	83	Resp:	264579
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8





#31
Cyclohexane
Concen: 41.728 ug/l
RT: 5.489 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

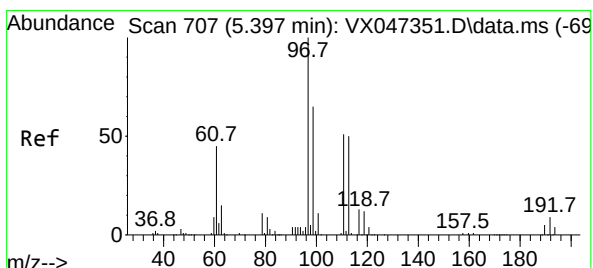
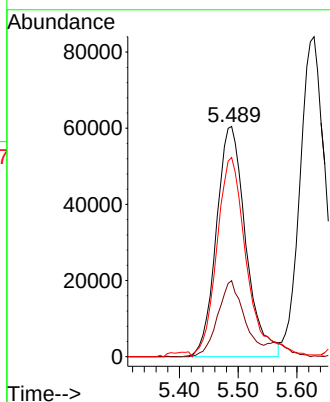
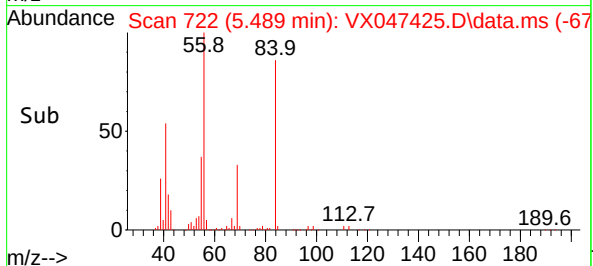
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21029
Ion Ratio Lower Upper
56 100
69 32.6 24.3 36.5
84 84.9 65.3 97.9

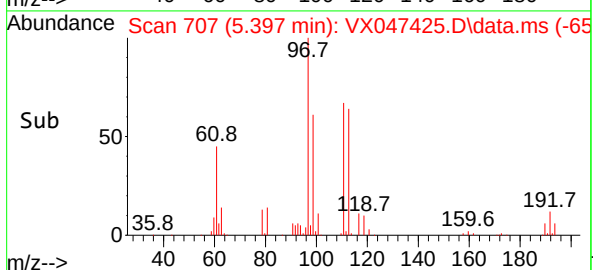
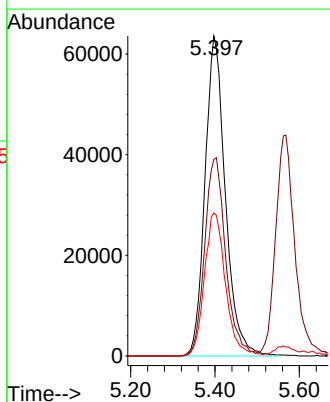
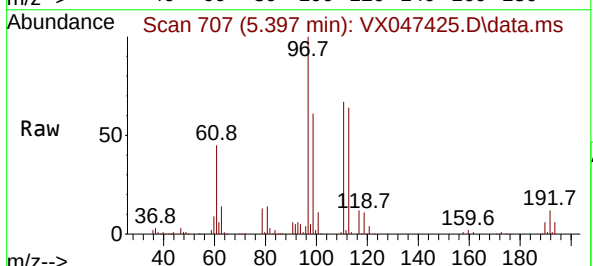
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APPROVED

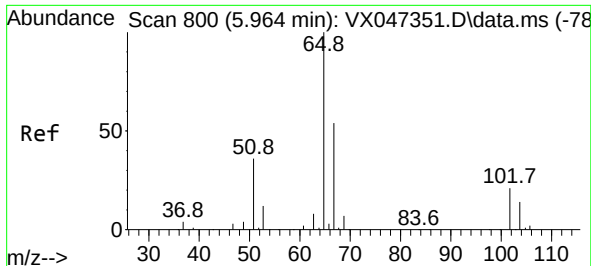
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 44.449 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 97 Resp: 213461
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.605 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 177250

Ion Ratio Lower Upper

65 100

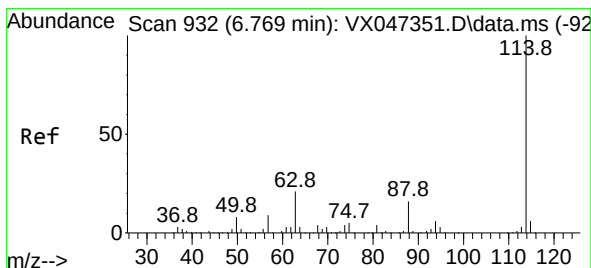
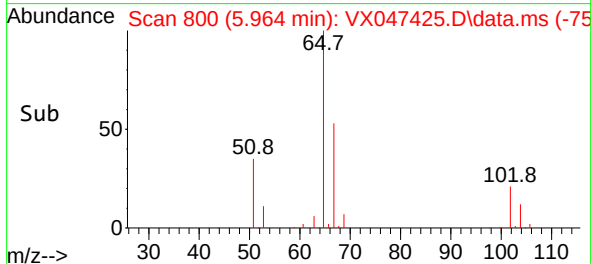
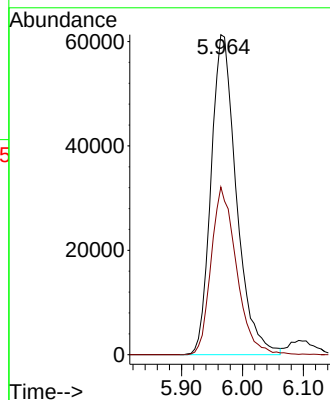
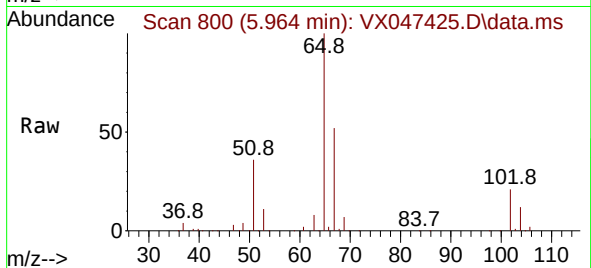
67 52.4 0.0 106.0

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: VX047425.D

Acq: 19 Aug 2025 19:47

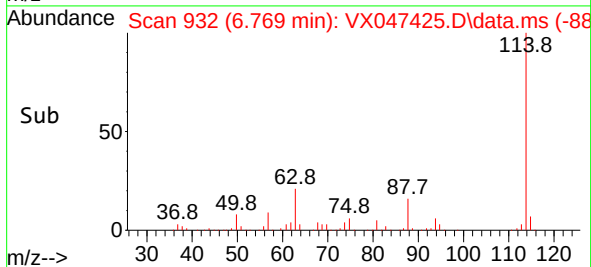
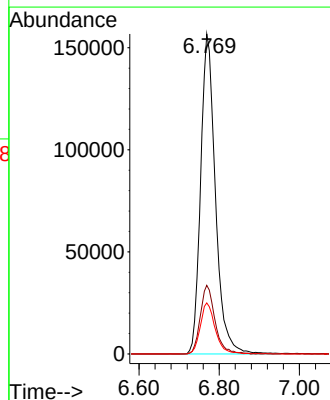
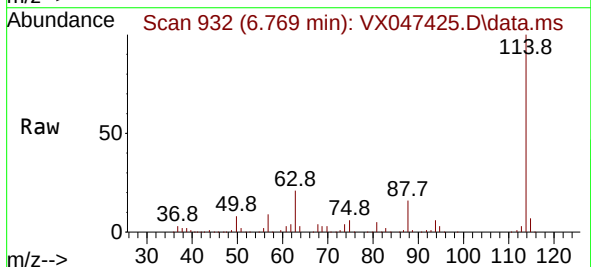
Tgt Ion:114 Resp: 400909

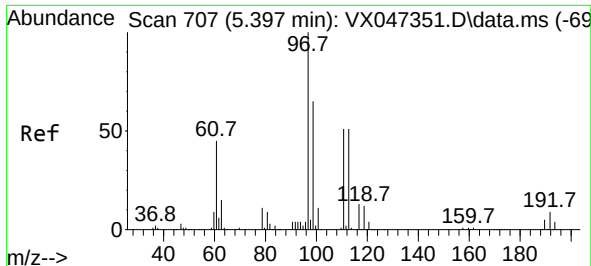
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

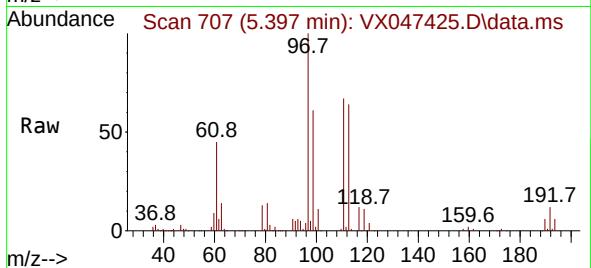
88 15.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.916 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

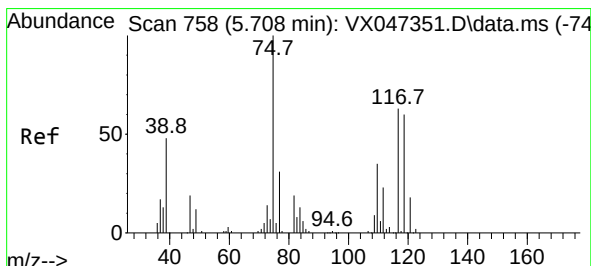
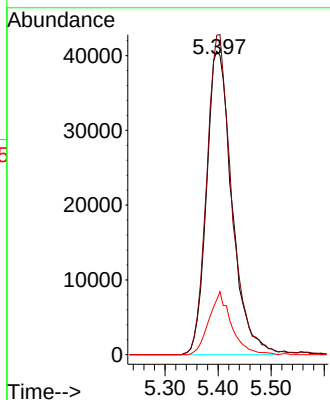
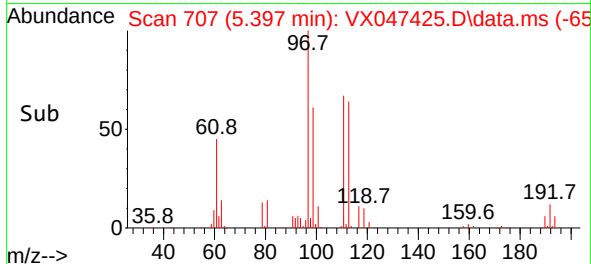
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 135082
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 18.3 14.1 21.1

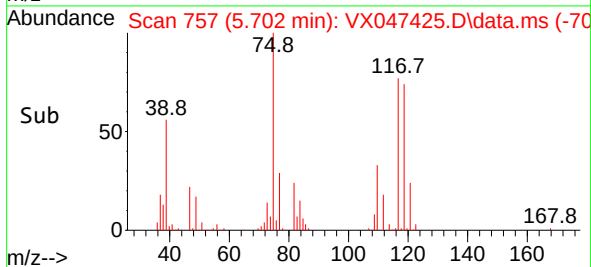
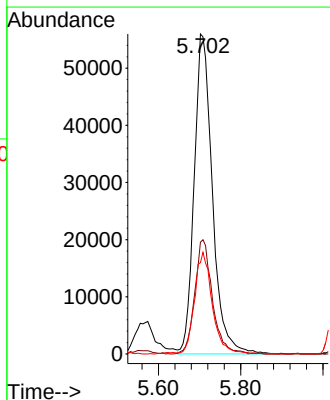
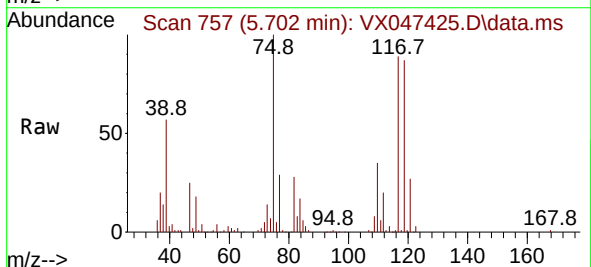
Manual Integrations
APPROVED

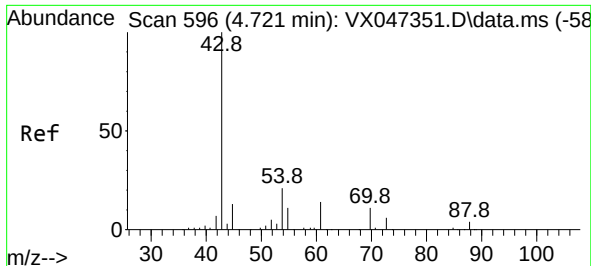
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 41.954 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 75 Resp: 172322
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 44.258 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 188718

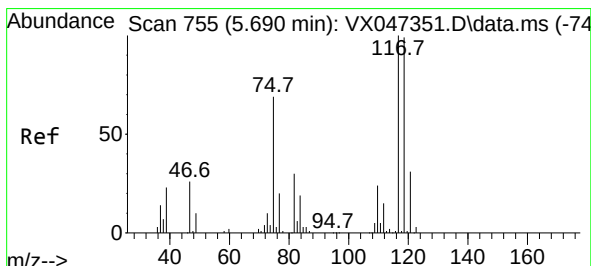
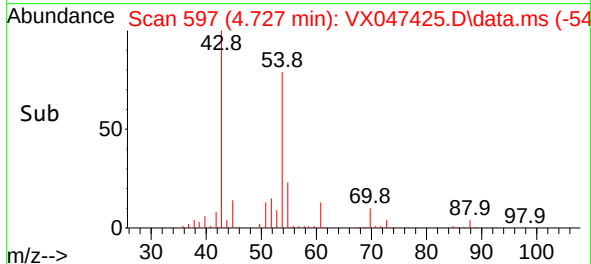
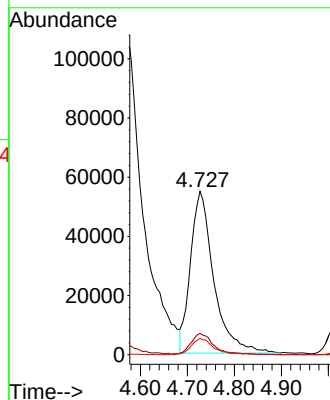
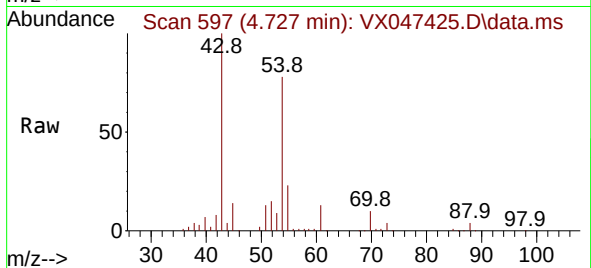
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.4	14.2
70	9.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Carbon Tetrachloride

Concen: 40.895 ug/l

RT: 5.696 min Scan# 756

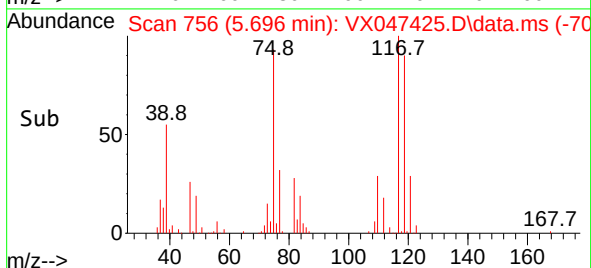
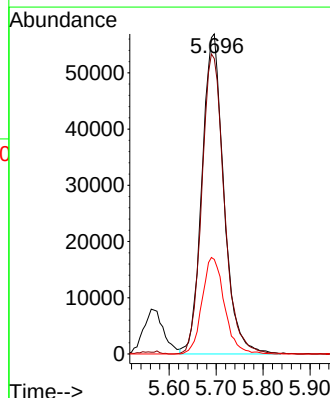
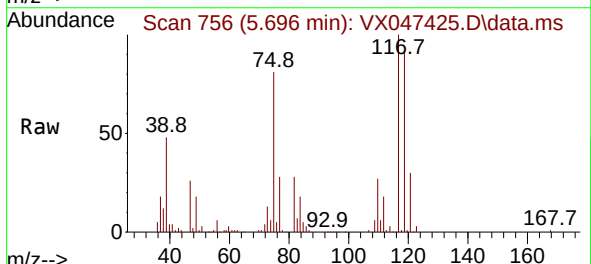
Delta R.T. 0.006 min

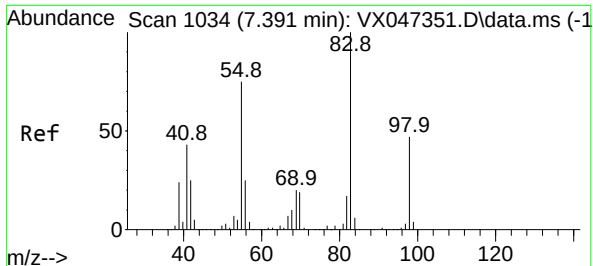
Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Tgt Ion:117 Resp: 183554

Ion	Ratio	Lower	Upper
117	100		
119	92.1	78.5	117.7
121	29.6	24.7	37.1





#39

Methylcyclohexane

Concen: 38.819 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 198884

Ion Ratio Lower Upper

83 100

55 81.8 60.0 90.0

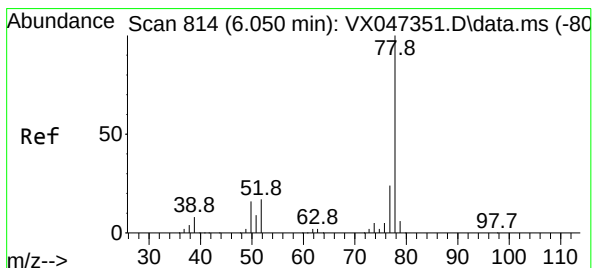
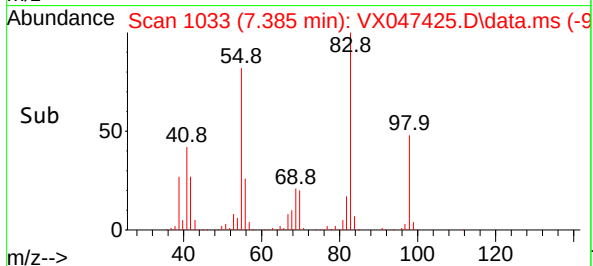
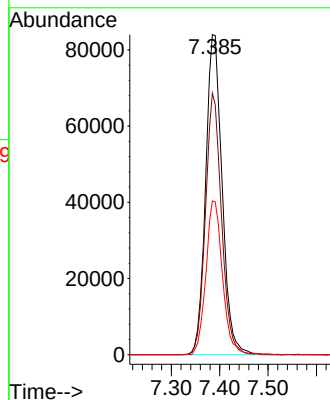
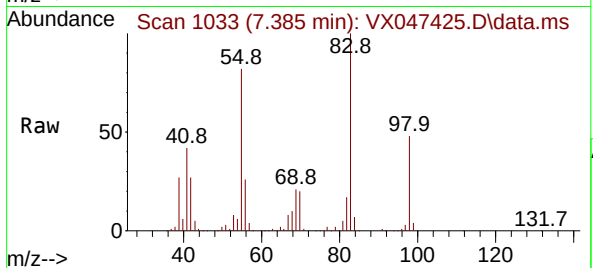
98 48.1 37.2 55.8

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#40

Benzene

Concen: 43.949 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047425.D

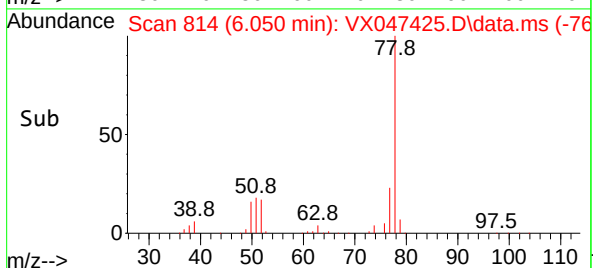
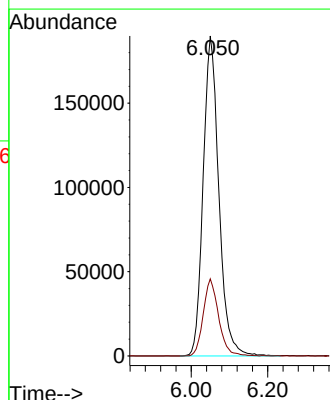
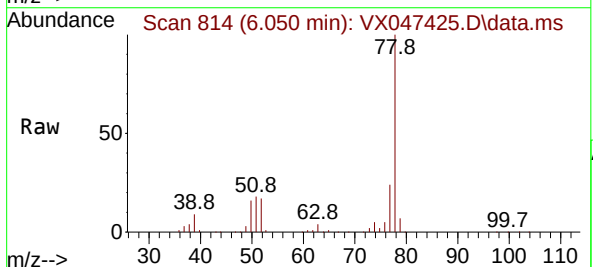
Acq: 19 Aug 2025 19:47

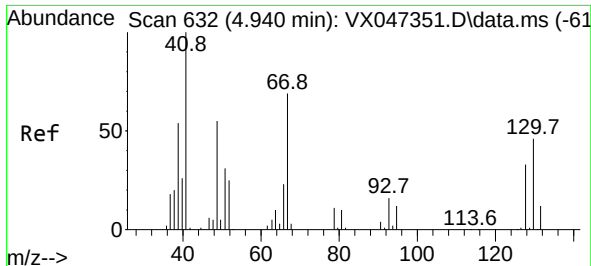
Tgt Ion: 78 Resp: 540313

Ion Ratio Lower Upper

78 100

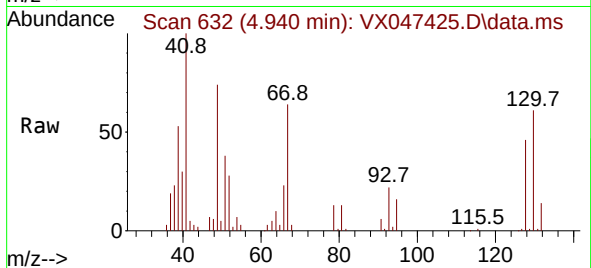
77 24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 47.606 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

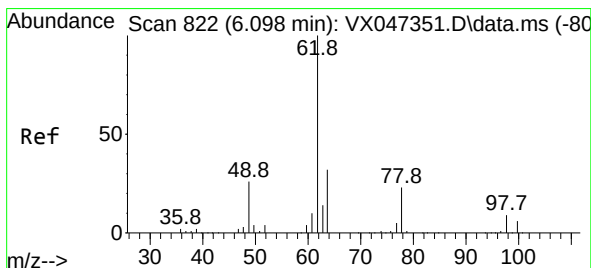
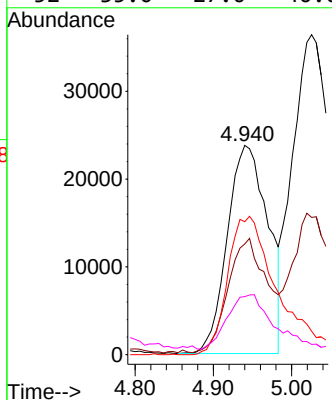
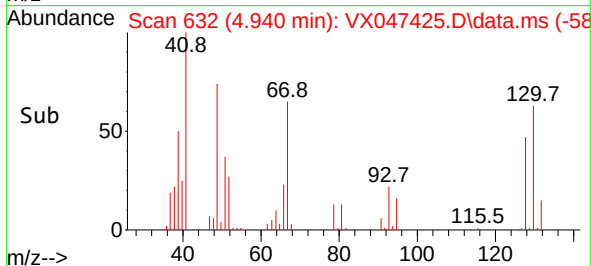
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 8560
Ion Ratio Lower Upper
41 100
39 52.5 45.4 68.2
67 83.2 64.0 96.0
52 35.0 27.0 40.6

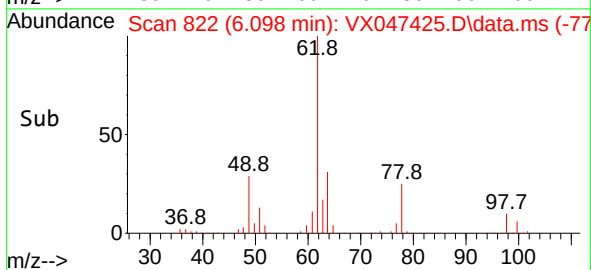
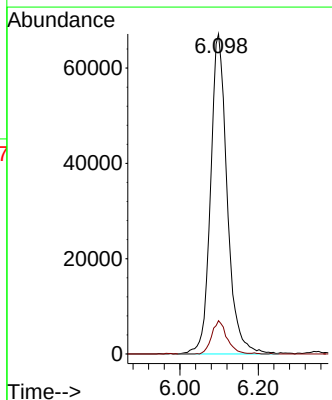
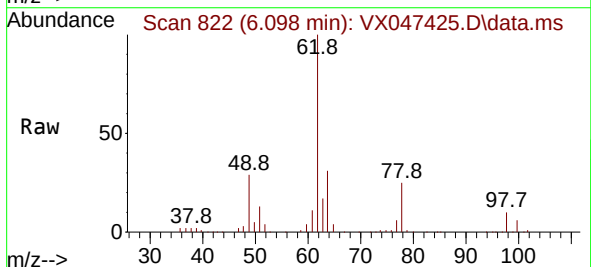
Manual Integrations
APPROVED

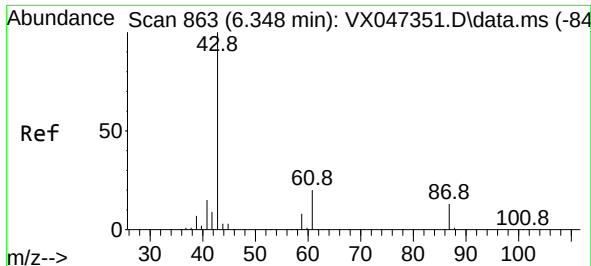
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 45.376 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 62 Resp: 197600
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.0





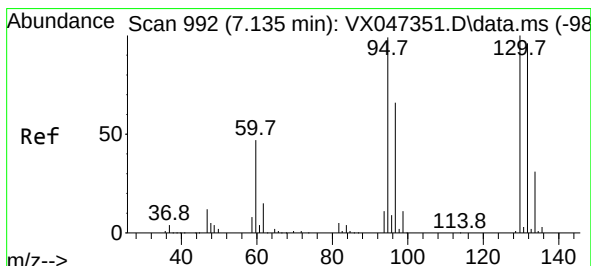
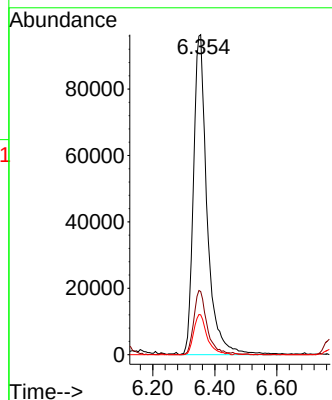
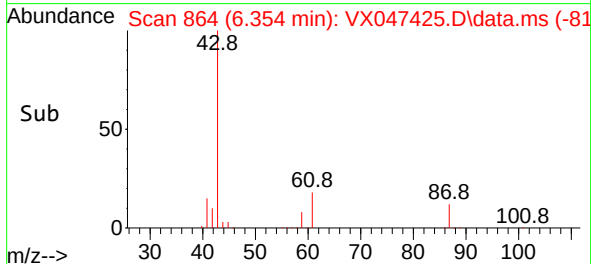
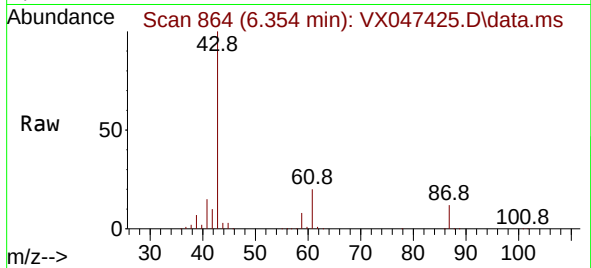
#43
Isopropyl Acetate
Concen: 47.841 ug/l
RT: 6.354 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 293062
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 12.3 10.2 15.4

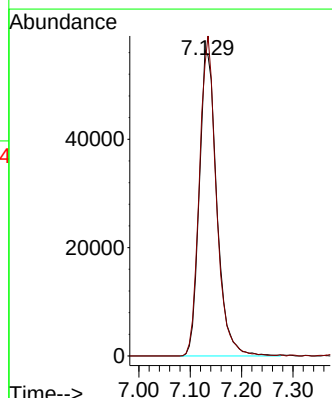
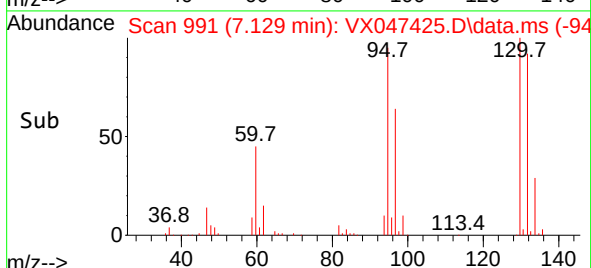
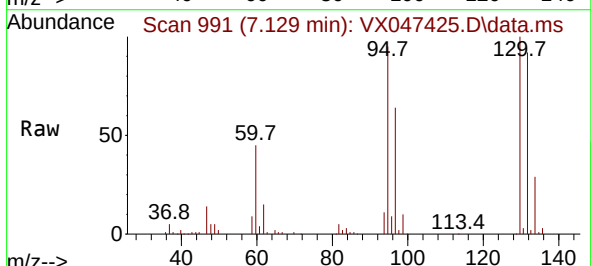
Manual Integrations
APPROVED

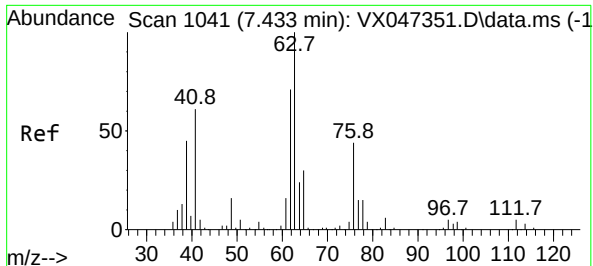
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Trichloroethene
Concen: 42.559 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion:130 Resp: 133973
Ion Ratio Lower Upper
130 100
95 95.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 45.077 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13883

Ion Ratio Lower Upper

63 100

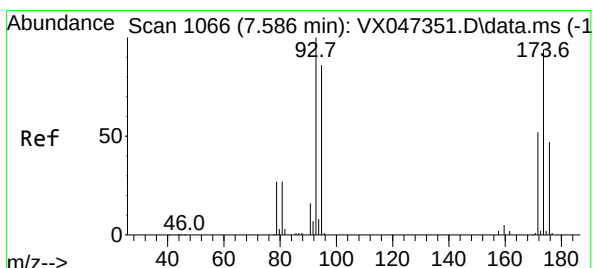
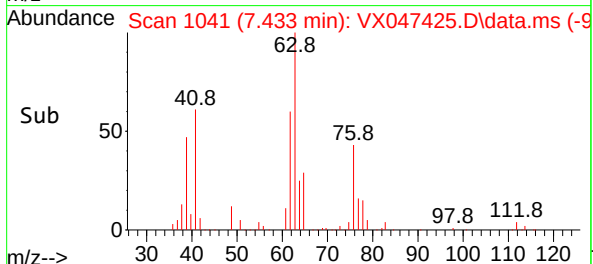
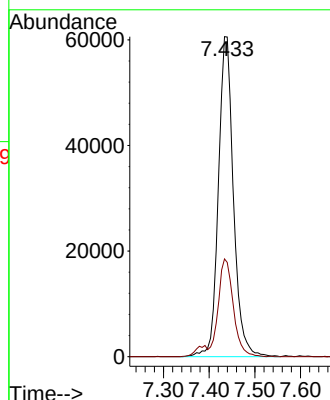
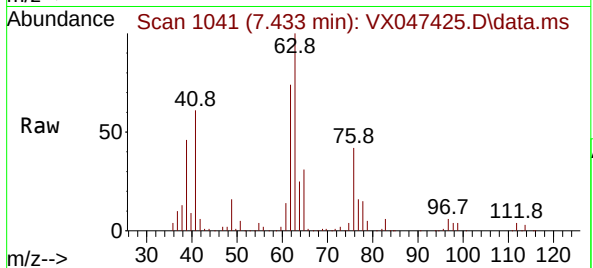
65 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Dibromomethane

Concen: 45.878 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

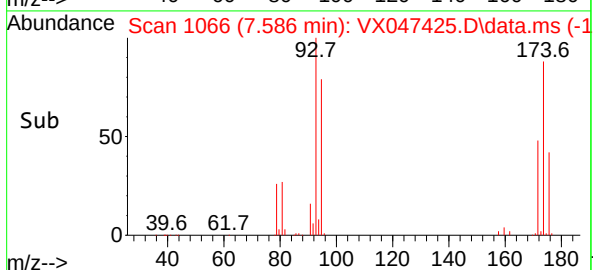
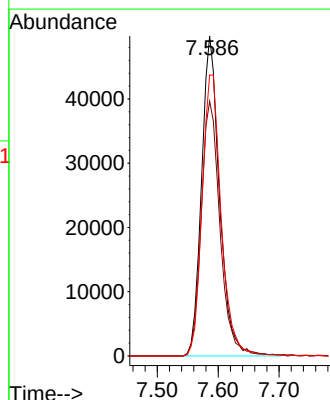
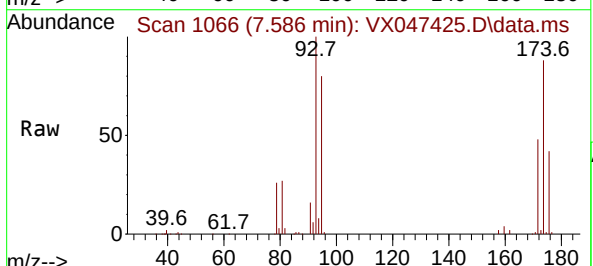
Tgt Ion: 93 Resp: 102584

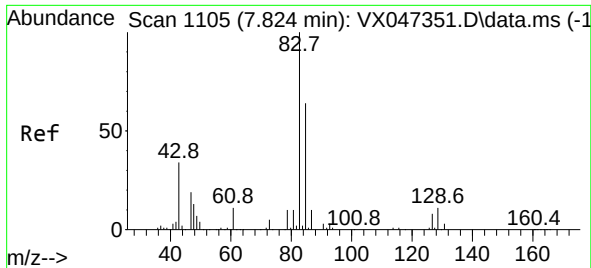
Ion Ratio Lower Upper

93 100

95 83.0 68.0 102.0

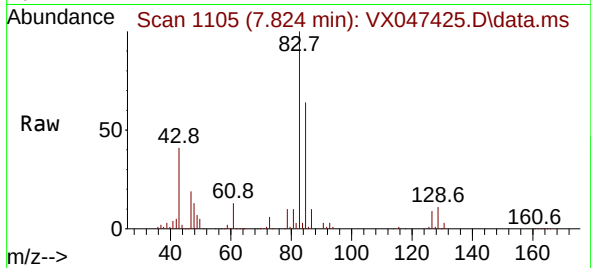
174 93.1 75.8 113.6





#47
Bromodichloromethane
Concen: 44.775 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

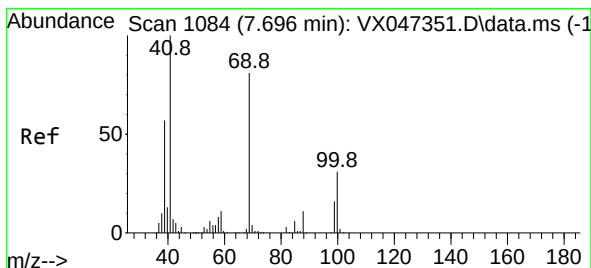
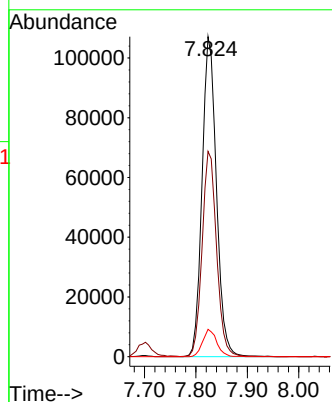
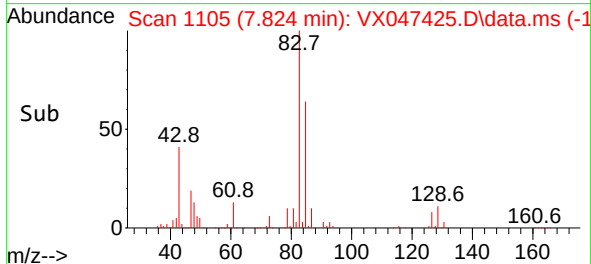
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20755
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.6
127 8.5 7.0 10.4

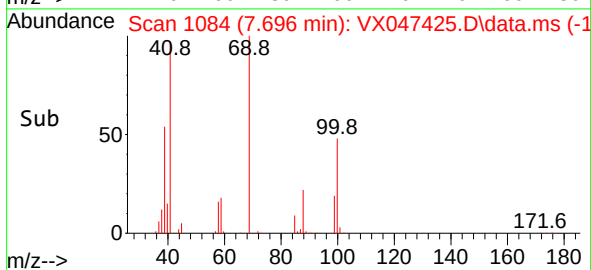
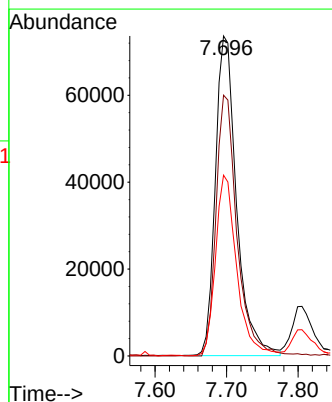
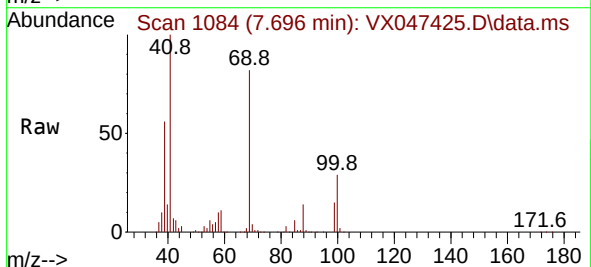
Manual Integrations
APPROVED

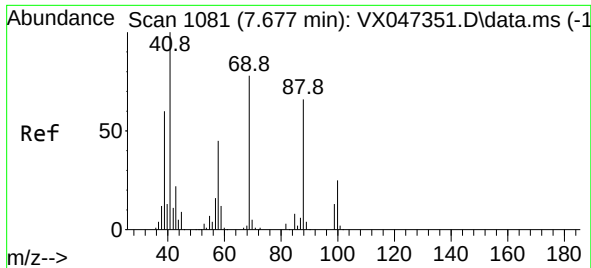
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 47.741 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

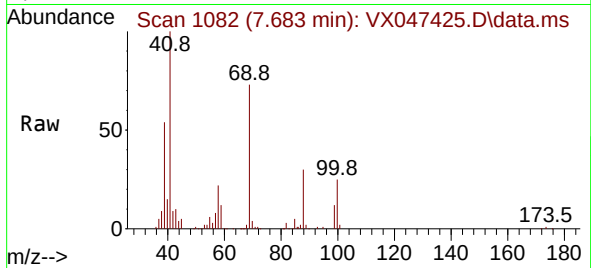
Tgt Ion: 41 Resp: 151800
Ion Ratio Lower Upper
41 100
69 81.0 65.0 97.4
39 56.8 45.7 68.5





#49
1,4-Dioxane
Concen: 1010.025 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

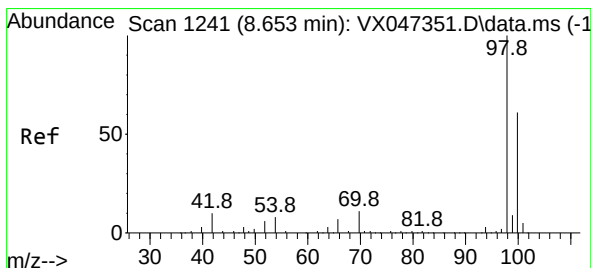
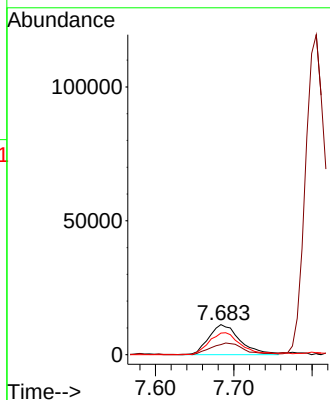
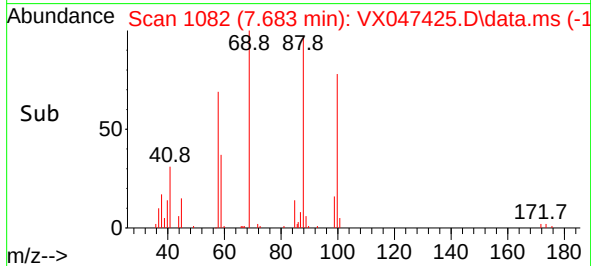
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31220
Ion Ratio Lower Upper
88 100
43 39.6 32.4 48.6
58 73.3 56.9 85.3

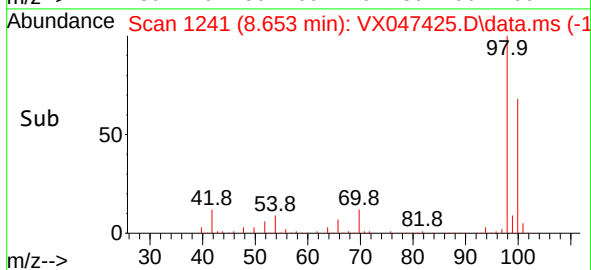
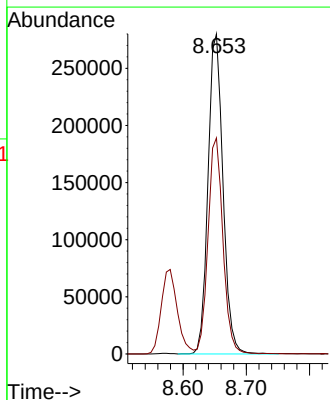
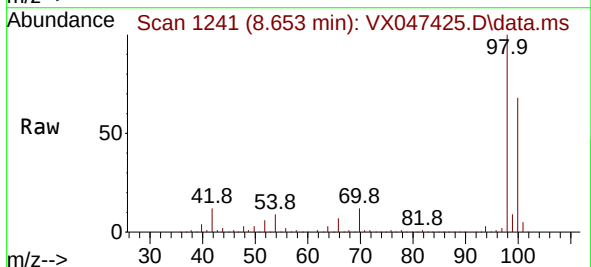
Manual Integrations
APPROVED

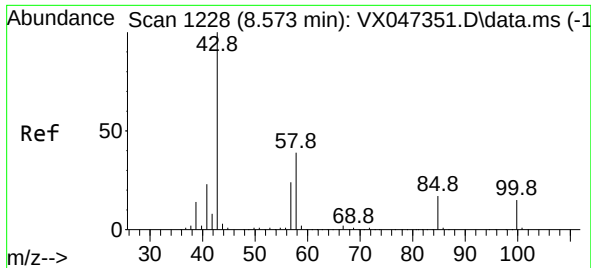
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#50
Toluene-d8
Concen: 49.526 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 98 Resp: 460594
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9





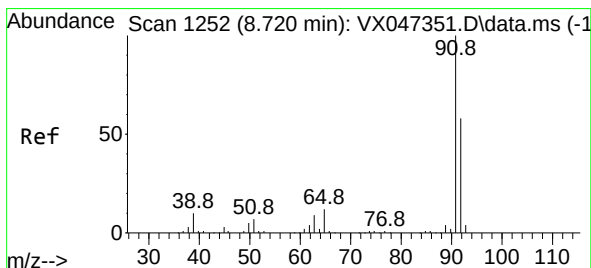
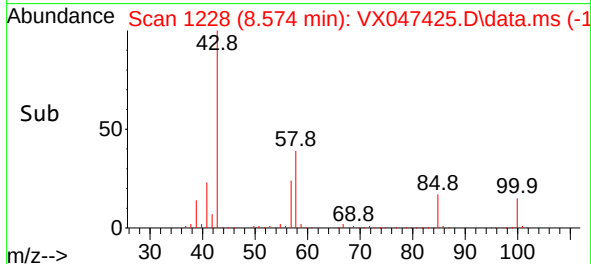
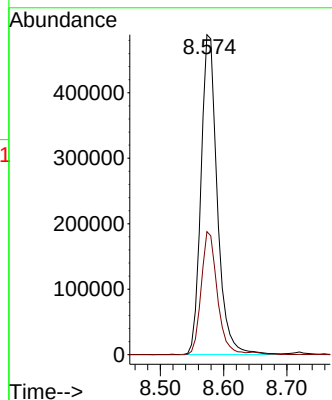
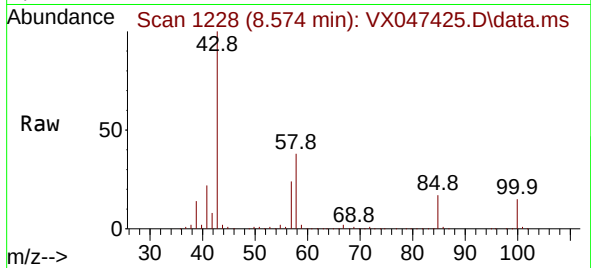
#51
4-Methyl-2-Pentanone
Concen: 248.529 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 876089
Ion Ratio Lower Upper
43 100
58 38.0 31.2 46.8

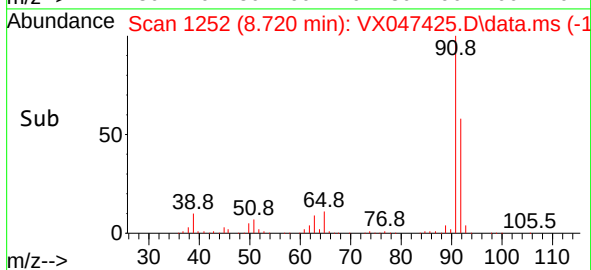
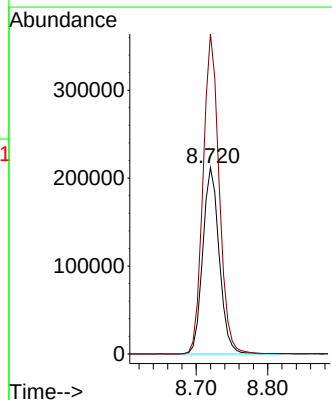
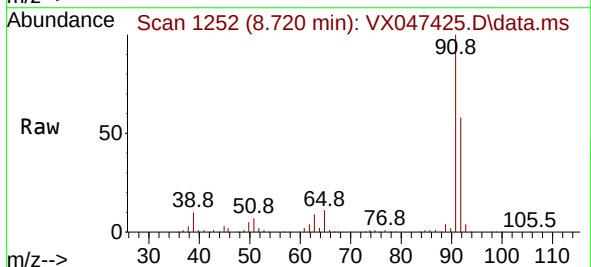
Manual Integrations
APPROVED

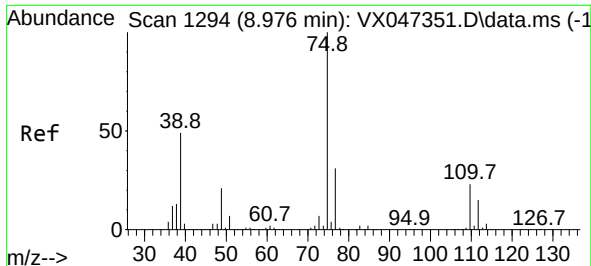
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
Toluene
Concen: 44.591 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion: 92 Resp: 338753
Ion Ratio Lower Upper
92 100
91 168.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 45.727 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 18499

Ion Ratio Lower Upper

75 100

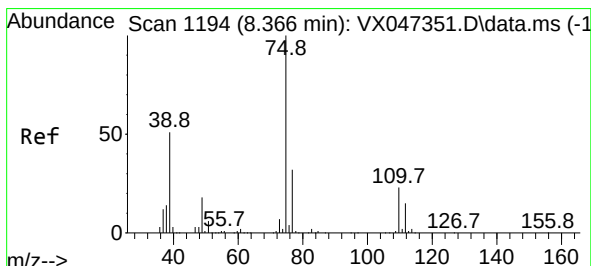
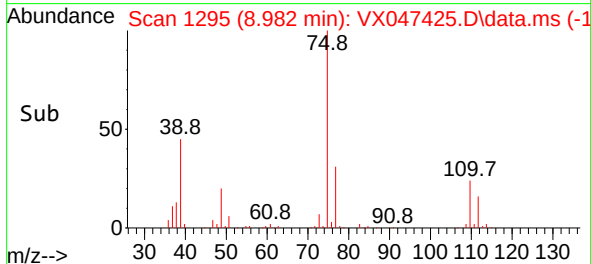
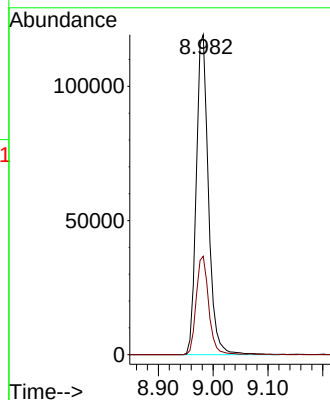
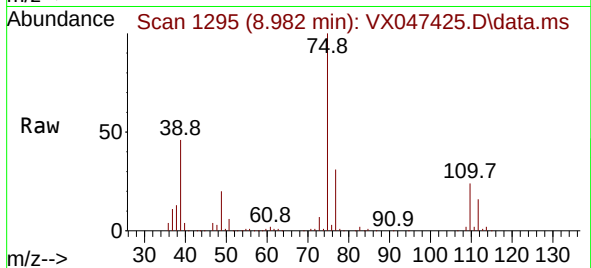
77 30.7 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#54

cis-1,3-Dichloropropene

Concen: 45.391 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

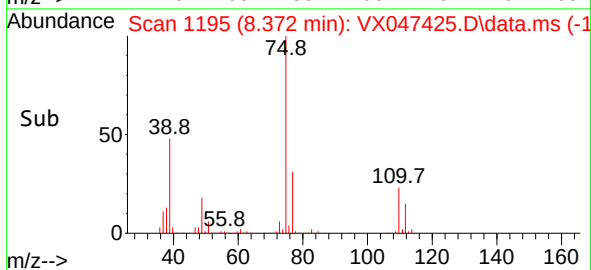
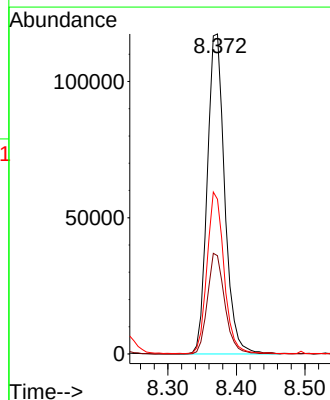
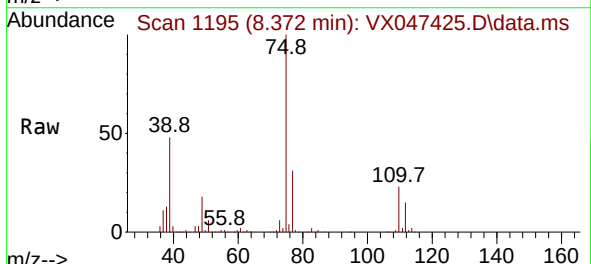
Tgt Ion: 75 Resp: 207853

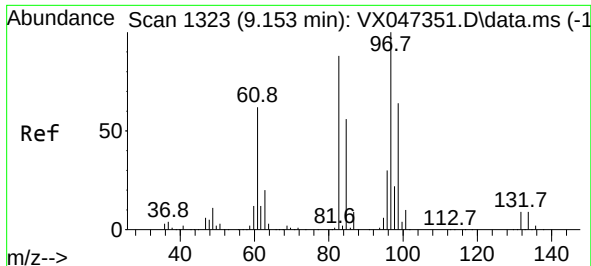
Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

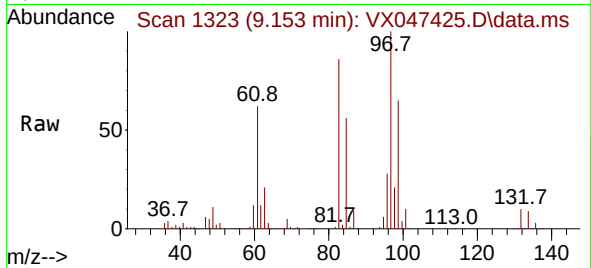
39 48.2 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 46.352 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

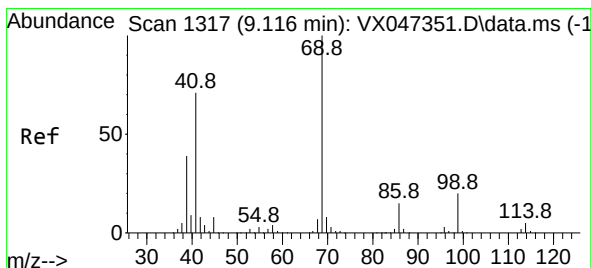
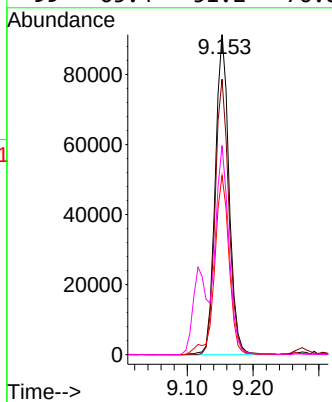
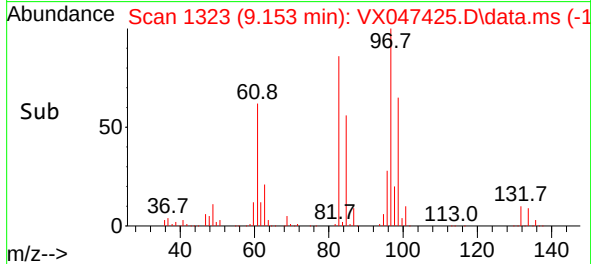
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



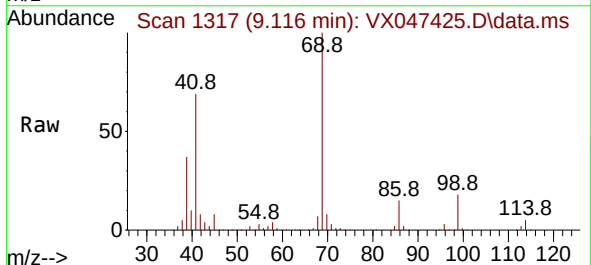
Tgt Ion: 97 Resp: 133690
Ion Ratio Lower Upper
97 100
83 86.1 70.6 106.0
85 56.0 44.7 67.1
99 65.4 51.2 76.8

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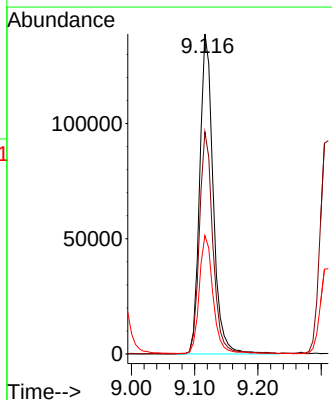
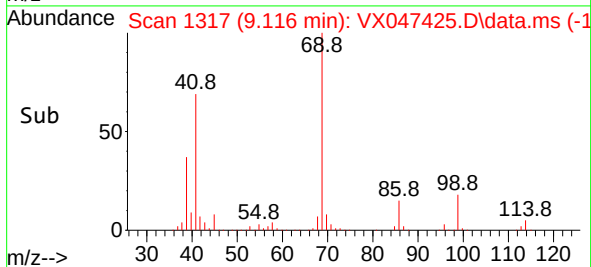
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

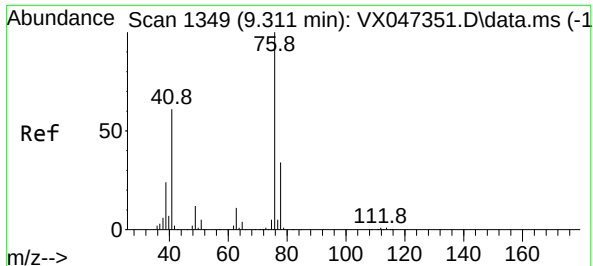


#56
Ethyl methacrylate
Concen: 48.508 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



Tgt Ion: 69 Resp: 206281
Ion Ratio Lower Upper
69 100
41 69.7 55.3 82.9
39 37.9 30.2 45.2





#57

1,3-Dichloropropane

Concen: 46.532 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22870

Ion Ratio Lower Upper

76 100

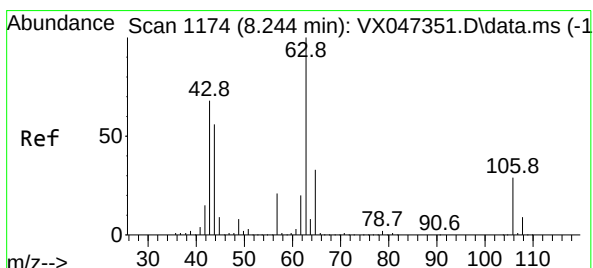
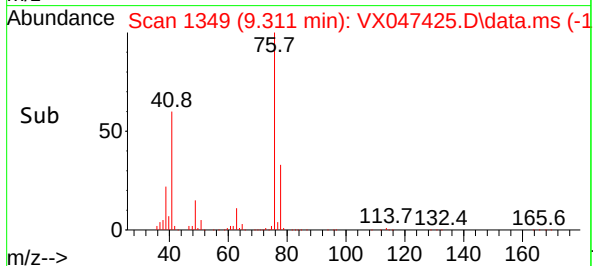
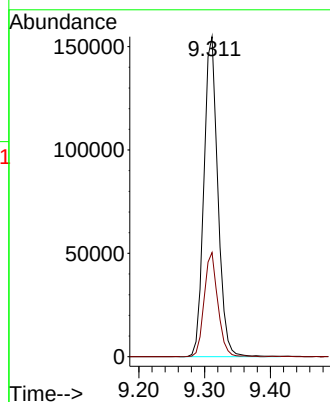
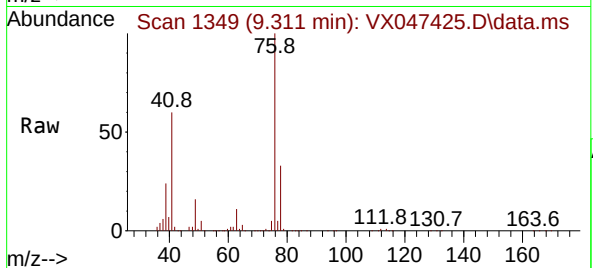
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 238.311 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047425.D

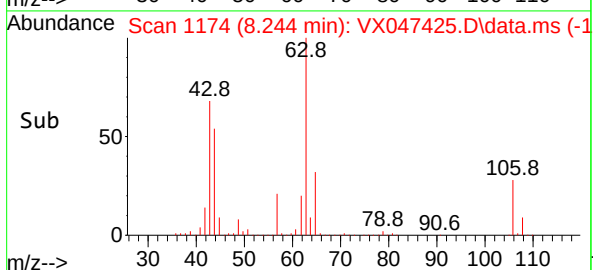
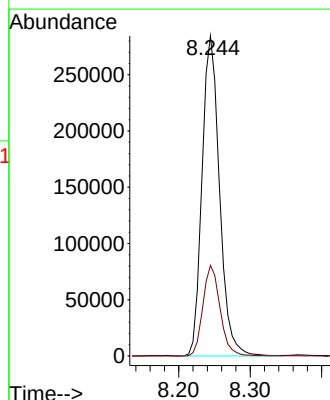
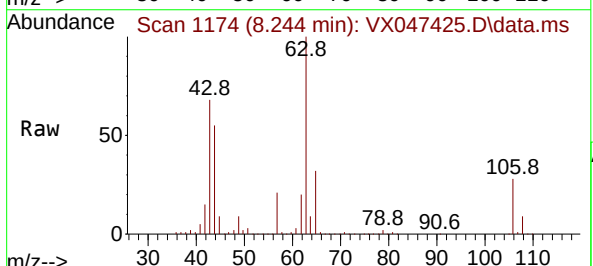
Acq: 19 Aug 2025 19:47

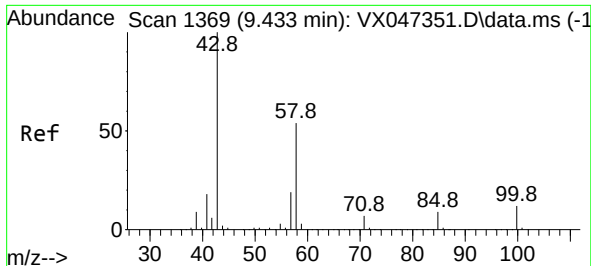
Tgt Ion: 63 Resp: 483102

Ion Ratio Lower Upper

63 100

106 27.8 22.8 34.2





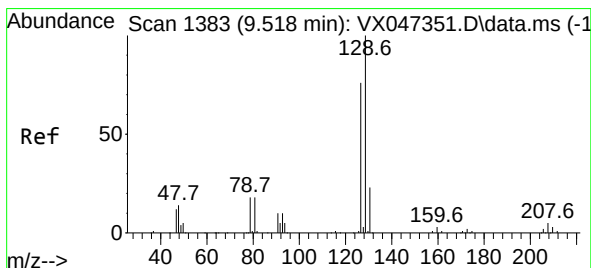
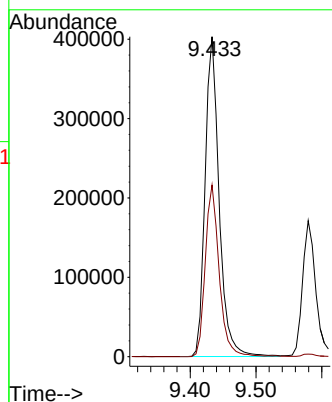
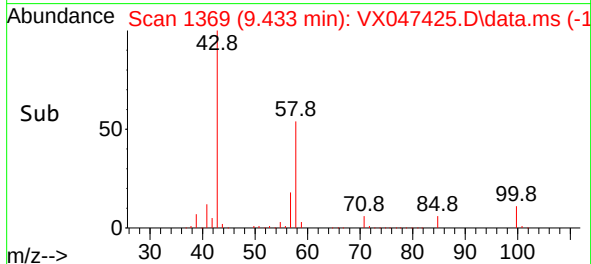
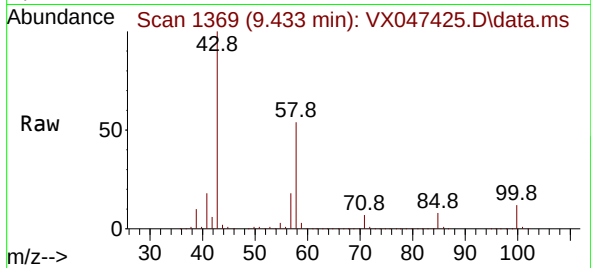
#59
2-Hexanone
Concen: 245.394 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 598364
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7

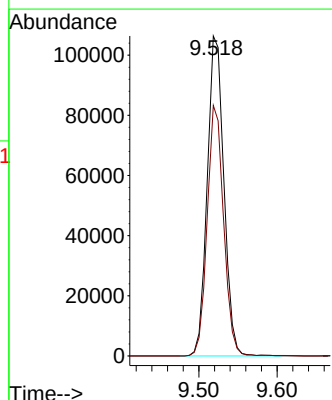
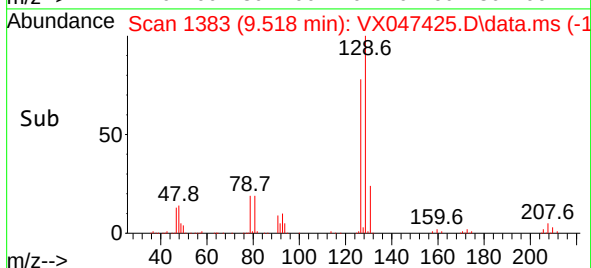
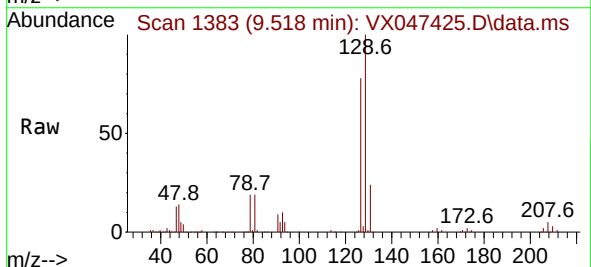
Manual Integrations
APPROVED

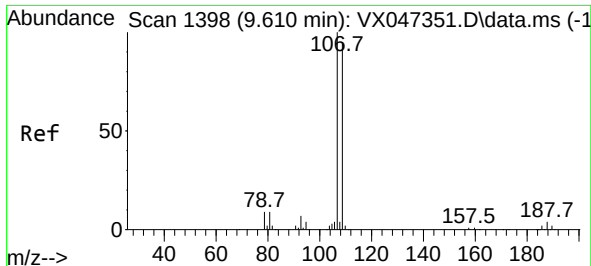
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 45.703 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

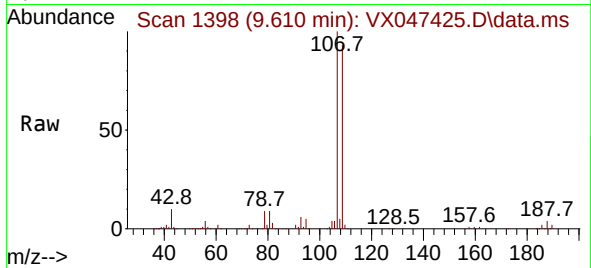
Tgt Ion:129 Resp: 156660
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 45.823 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

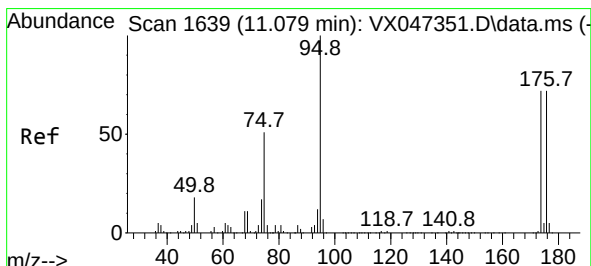
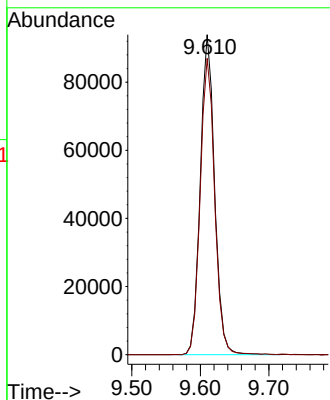
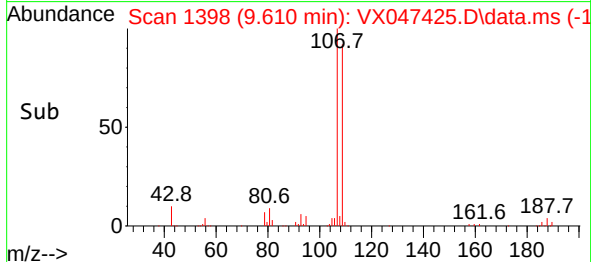
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



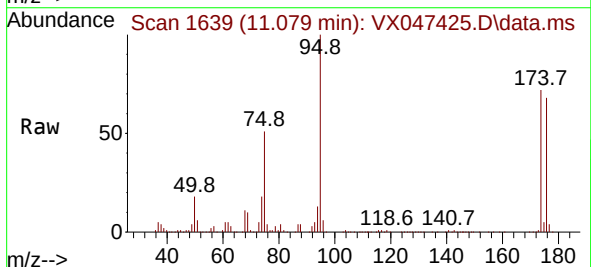
Tgt Ion:107 Resp: 136293
Ion Ratio Lower Upper
107 100
109 93.9 76.2 114.2

Manual Integrations
APPROVED

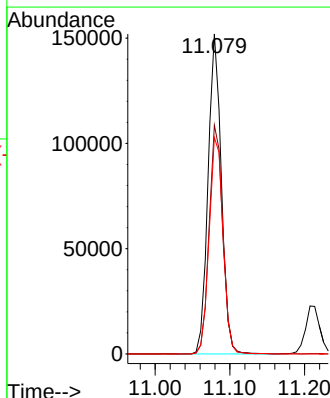
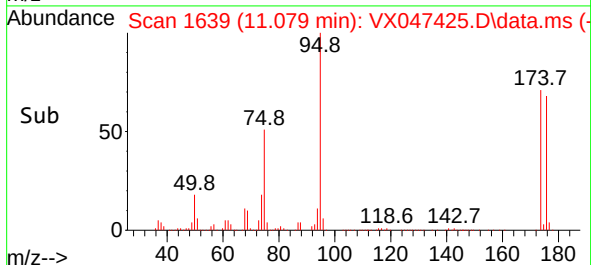
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

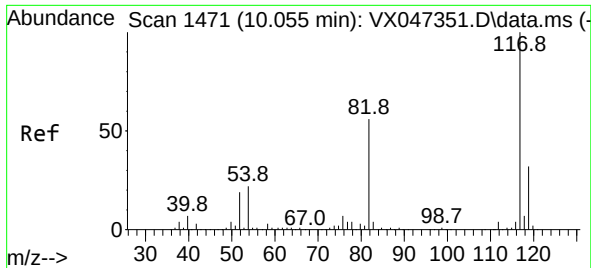


#62
4-Bromofluorobenzene
Concen: 54.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



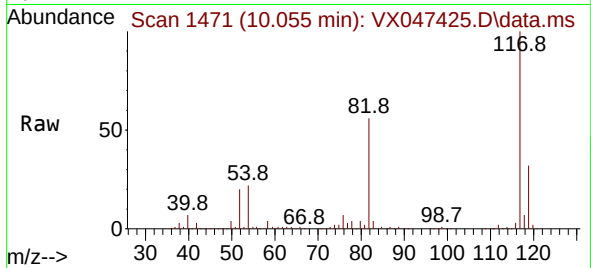
Tgt Ion: 95 Resp: 187594
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.0
176 71.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

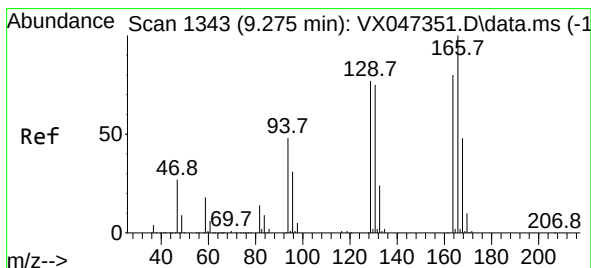
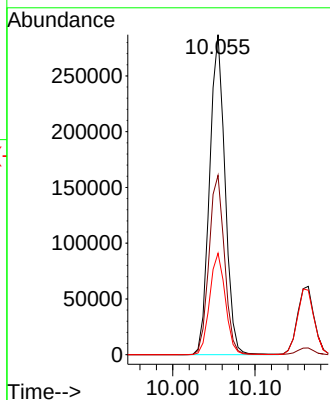
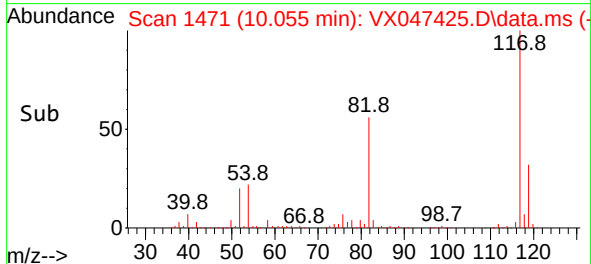
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 37415
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 31.7 25.8 38.8

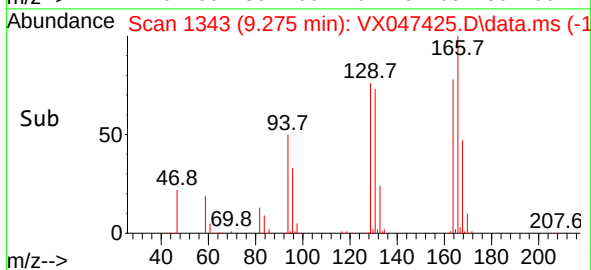
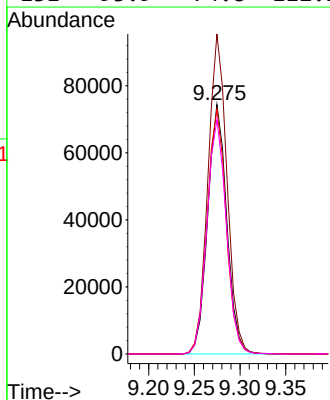
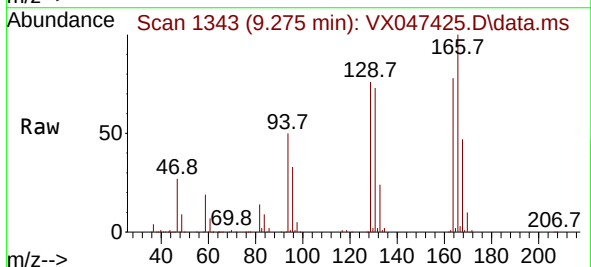
Manual Integrations
APPROVED

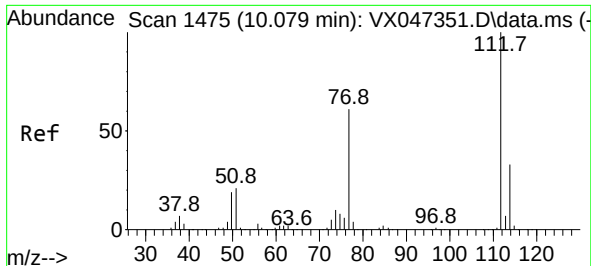
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 39.799 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

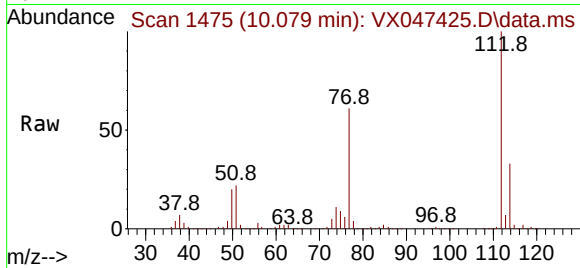
Tgt Ion:164 Resp: 107708
Ion Ratio Lower Upper
164 100
166 128.3 100.3 150.5
129 97.9 77.7 116.5
131 93.9 74.8 112.2





#65
Chlorobenzene
Concen: 41.820 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

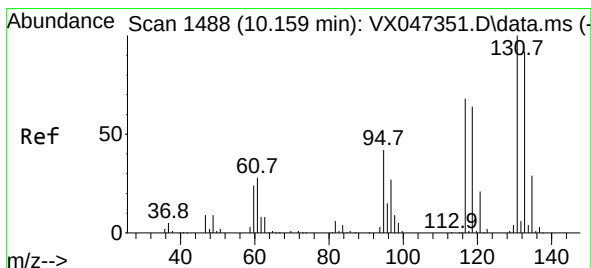
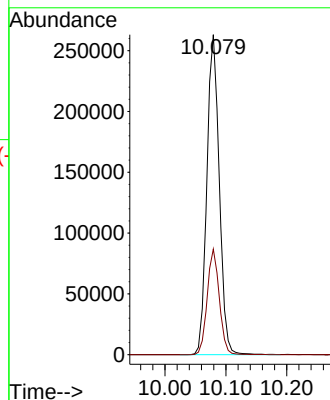
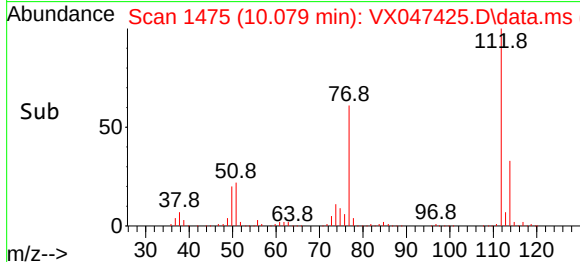
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



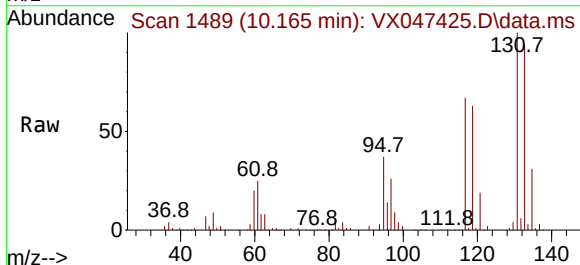
Tgt Ion:112 Resp: 371830
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

Manual Integrations
APPROVED

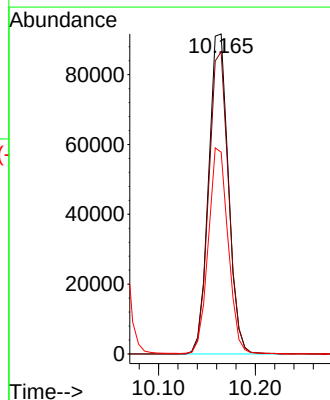
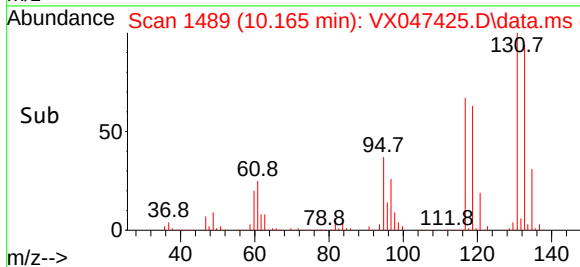
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

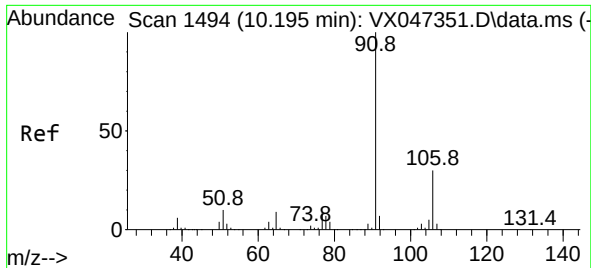


#66
1,1,1,2-Tetrachloroethane
Concen: 43.404 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



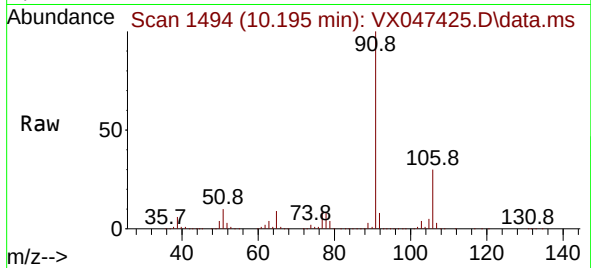
Tgt Ion:131 Resp: 130456
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 64.7 32.3 96.8





#67
Ethyl Benzene
Concen: 41.960 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

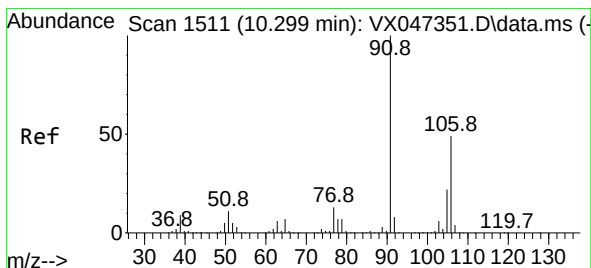
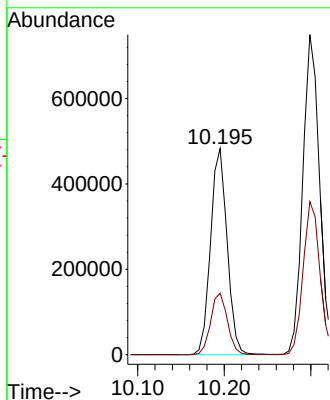
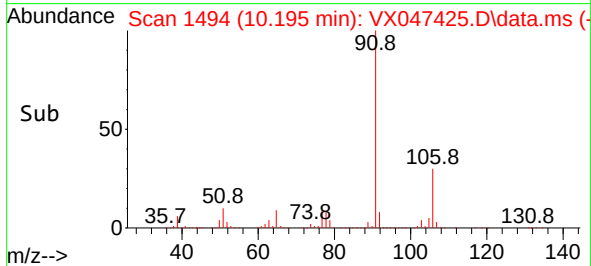
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



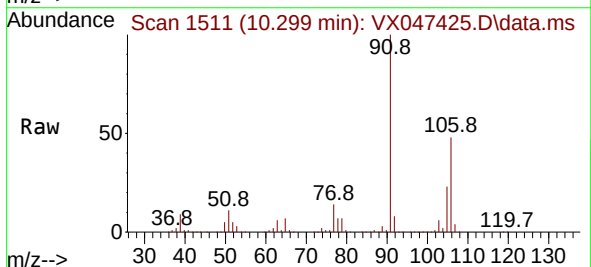
Tgt Ion: 91 Resp: 642123
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

Manual Integrations
APPROVED

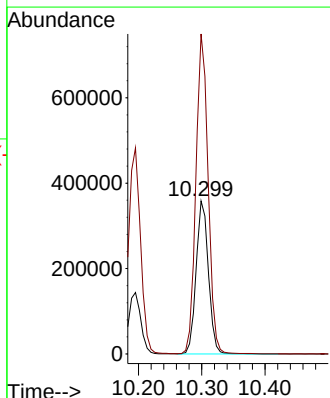
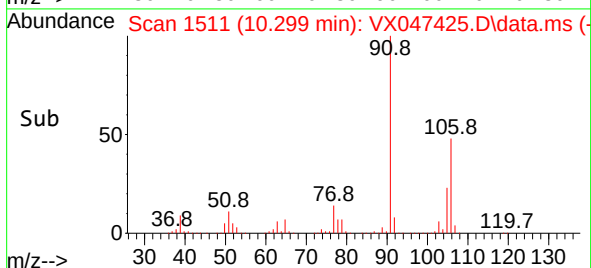
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

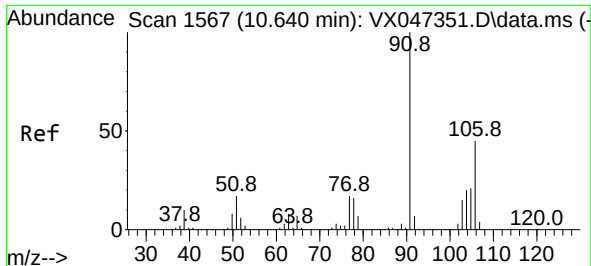


#68
m/p-Xylenes
Concen: 85.114 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



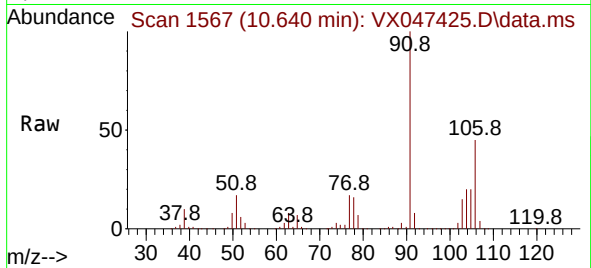
Tgt Ion:106 Resp: 485680
Ion Ratio Lower Upper
106 100
91 207.6 164.7 247.1





#69
o-Xylene
Concen: 42.669 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

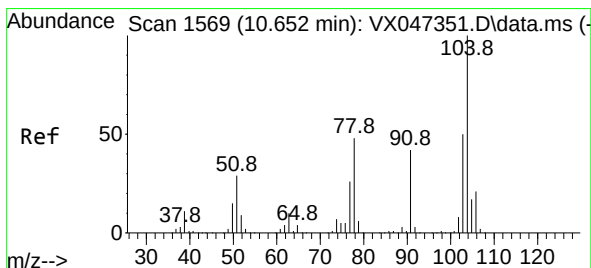
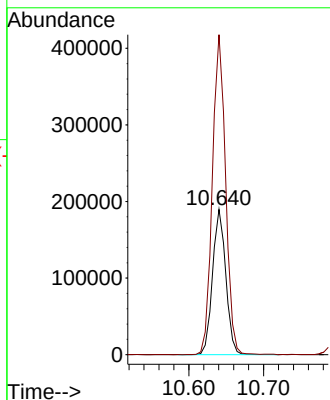
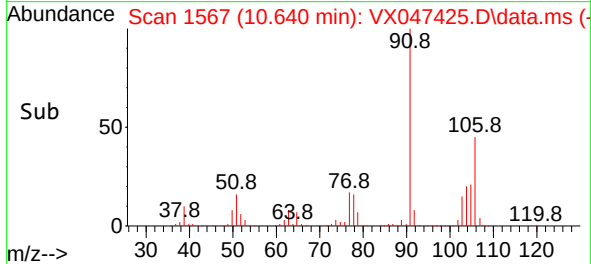
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 234310
Ion Ratio Lower Upper
106 100
91 220.1 110.6 331.8

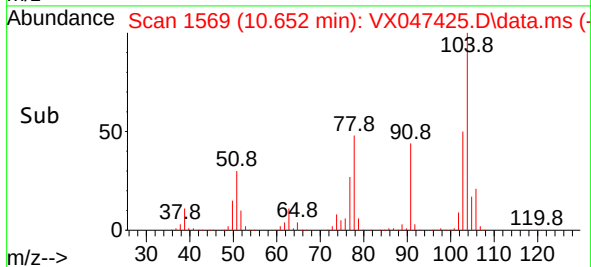
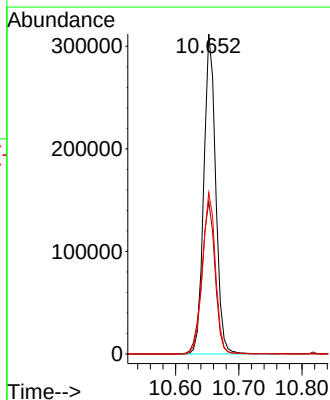
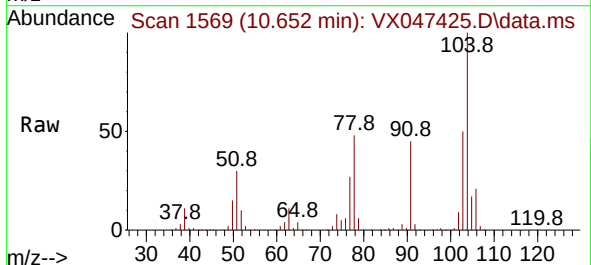
Manual Integrations
APPROVED

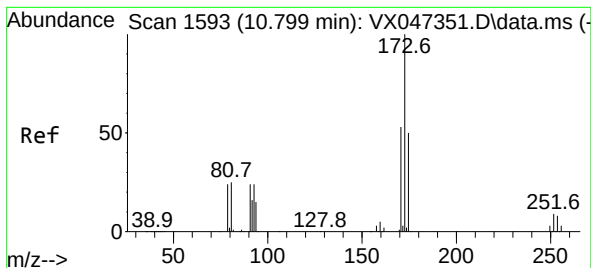
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 44.167 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion:104 Resp: 409804
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 54.8 43.6 65.4





#71

Bromoform

Concen: 43.805 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

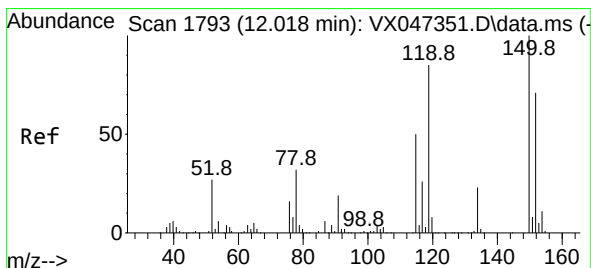
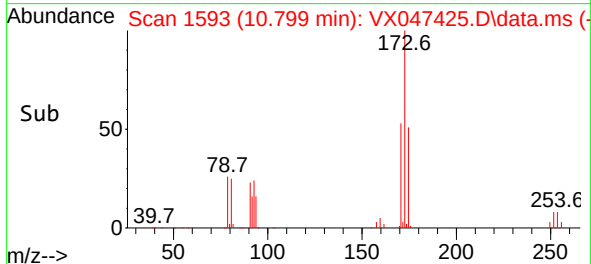
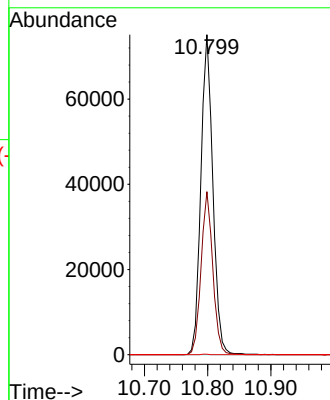
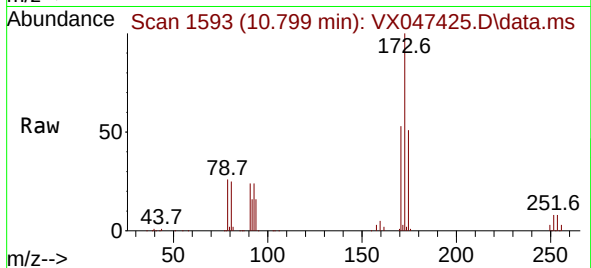
Tgt Ion:173	Resp: 9891
Ion Ratio	Lower Upper
173 100	
175 49.8	24.4 73.4
254 0.1	0.1 0.1

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

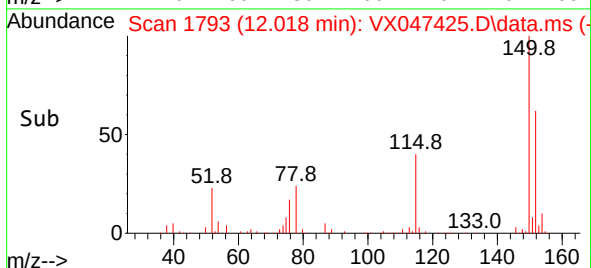
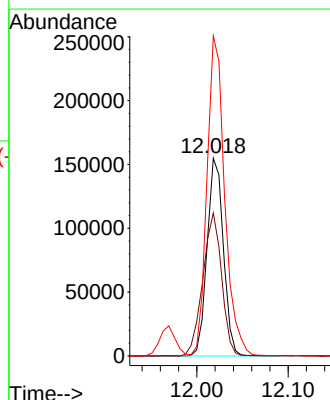
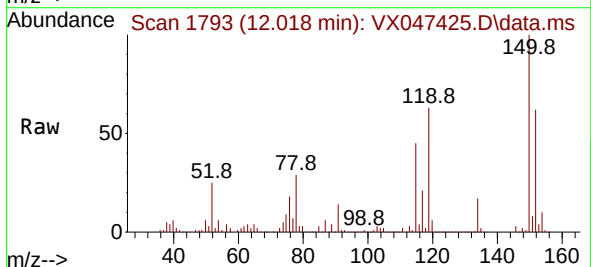
RT: 12.018 min Scan# 1793

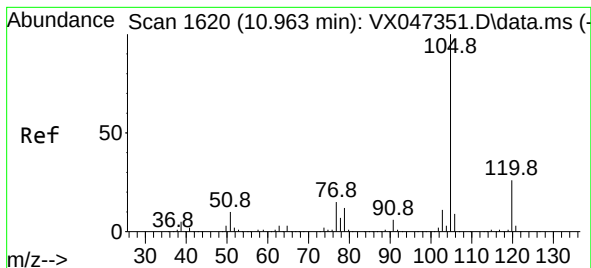
Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Tgt Ion:152	Resp: 191138
Ion Ratio	Lower Upper
152 100	
115 83.2	44.6 133.8
150 175.9	0.0 349.8





#73

Isopropylbenzene

Concen: 40.404 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 60434

Ion Ratio Lower Upper

105 100

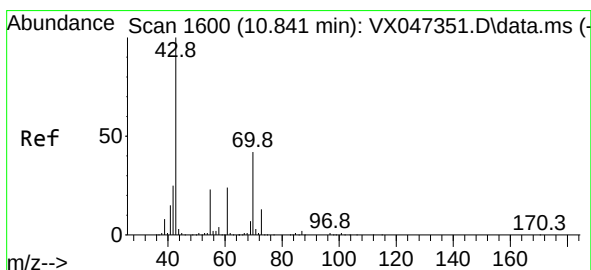
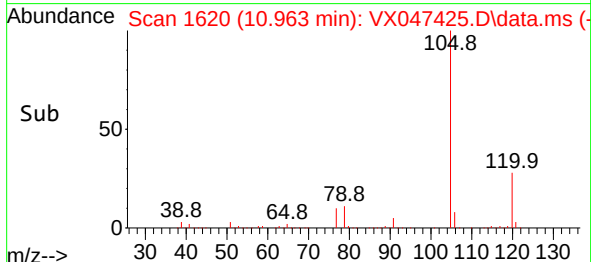
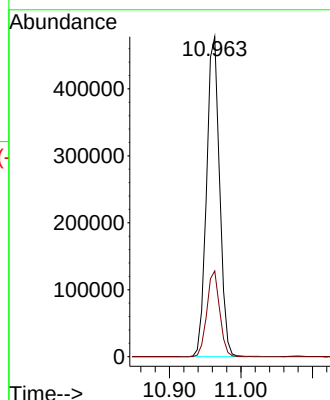
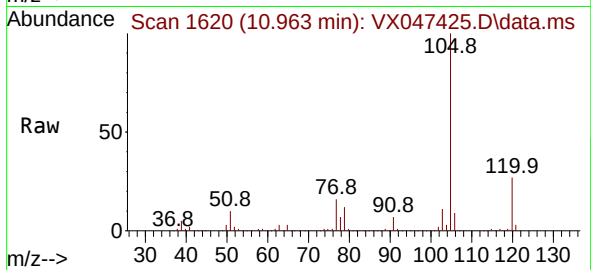
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#74

N-ethyl acetate

Concen: 44.564 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Tgt Ion: 43 Resp: 253123

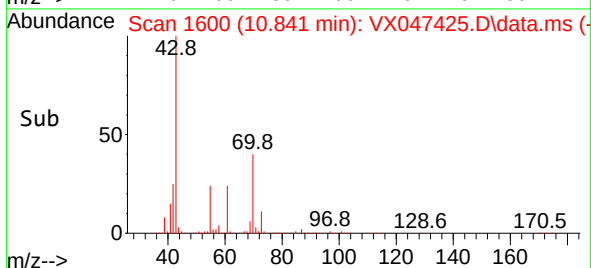
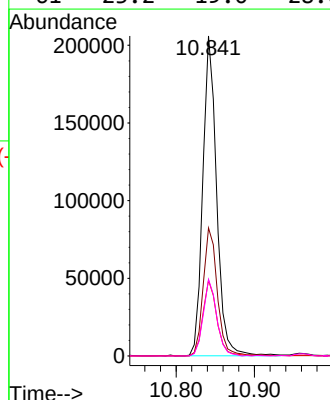
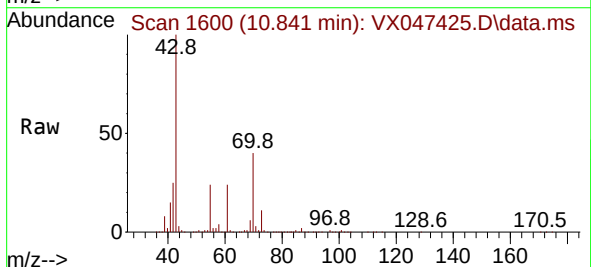
Ion Ratio Lower Upper

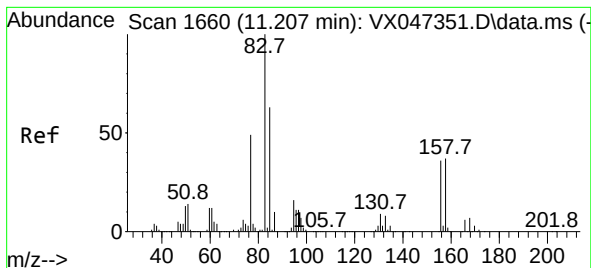
43 100

70 41.2 33.1 49.7

55 23.9 19.0 28.6

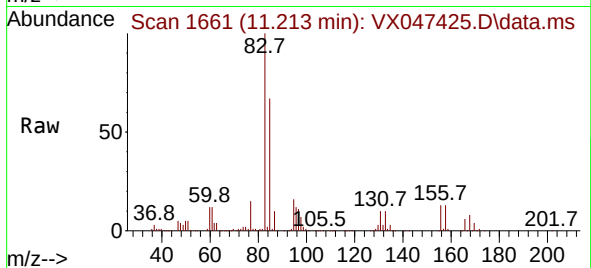
61 23.2 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 43.264 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

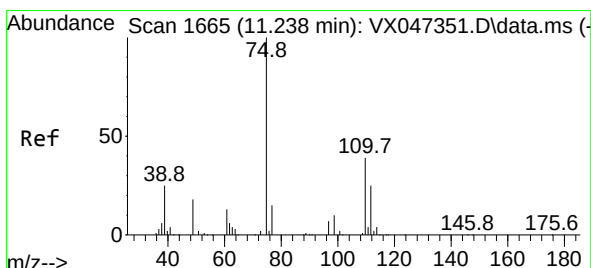
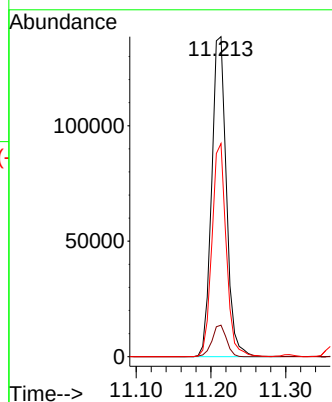
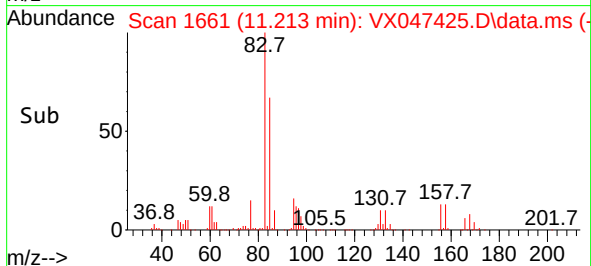
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 18999
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.9 31.7 95.1

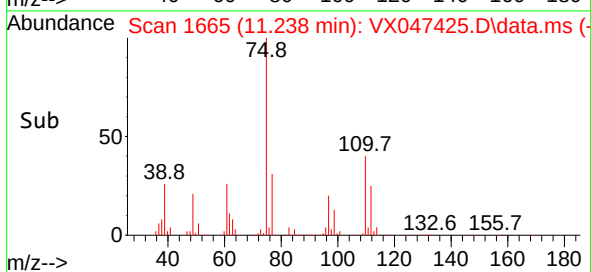
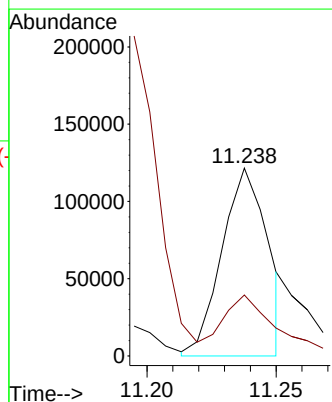
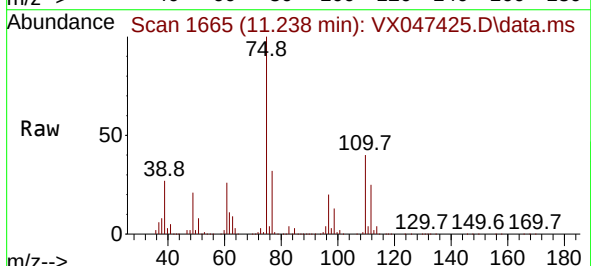
Manual Integrations
APPROVED

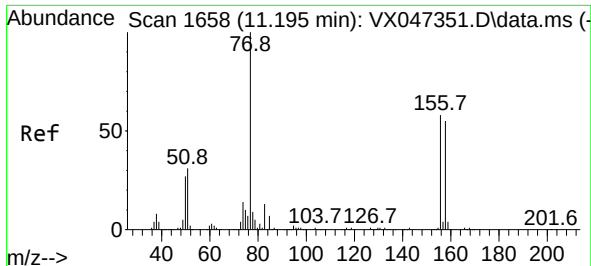
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#76
1,2,3-Trichloropropane
Concen: 42.879 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

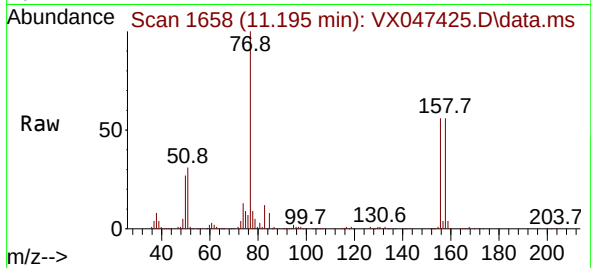
Tgt Ion: 75 Resp: 150321
Ion Ratio Lower Upper
75 100
77 38.6 19.4 58.2





#77
Bromobenzene
Concen: 41.417 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

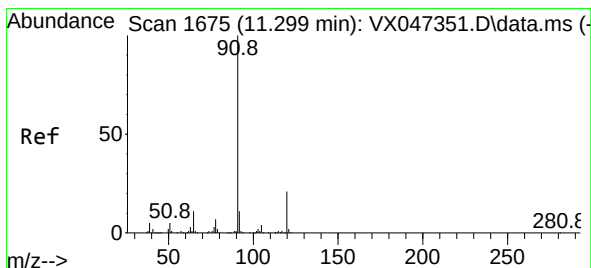
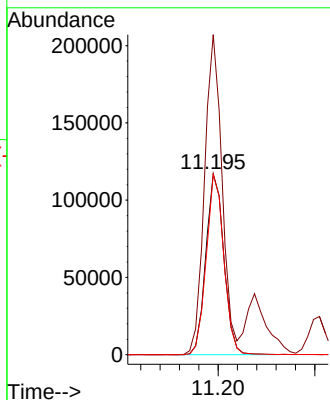
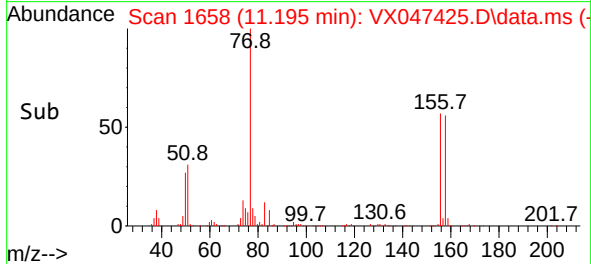
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



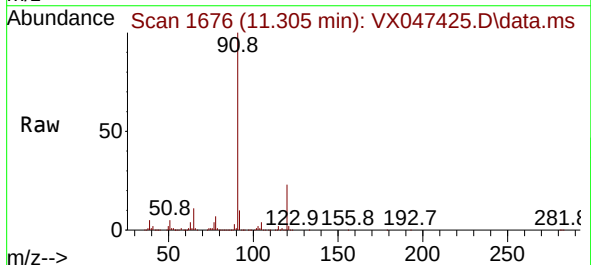
Tgt Ion:156 Resp: 151274
Ion Ratio Lower Upper
156 100
77 172.7 86.3 258.9
158 97.7 48.0 144.2

Manual Integrations
APPROVED

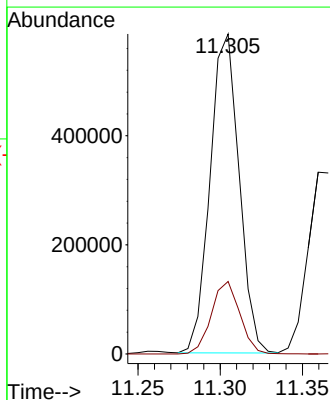
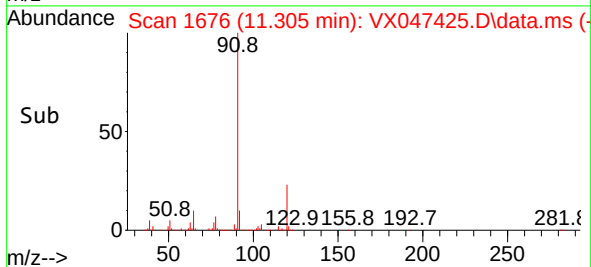
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

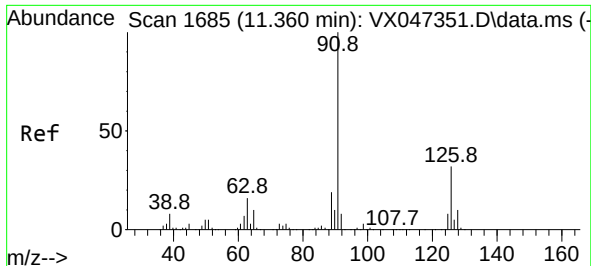


#78
n-propylbenzene
Concen: 40.228 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



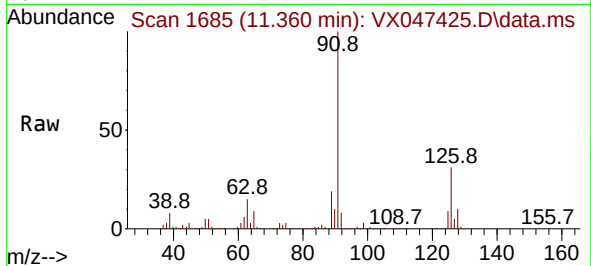
Tgt Ion: 91 Resp: 718624
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79
2-Chlorotoluene
Concen: 40.298 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

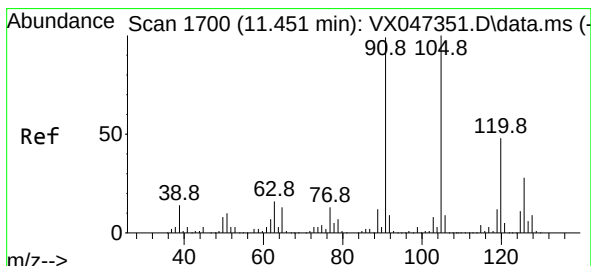
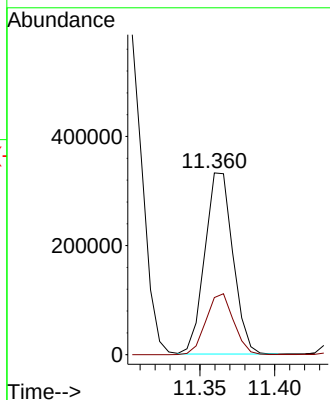
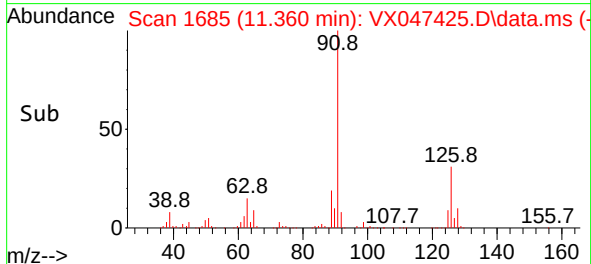
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



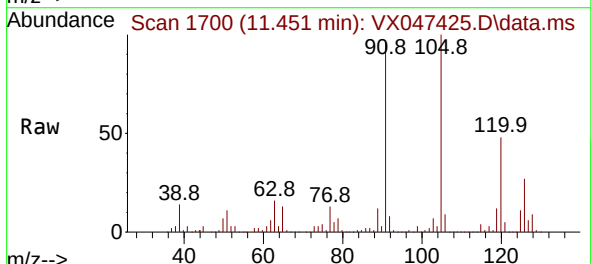
Tgt Ion: 91 Resp: 435174
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1

Manual Integrations
APPROVED

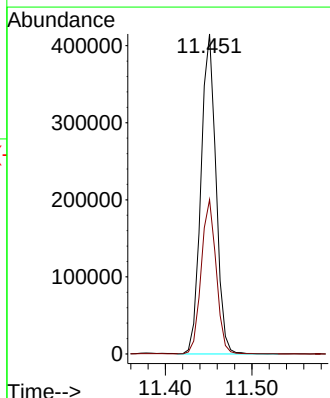
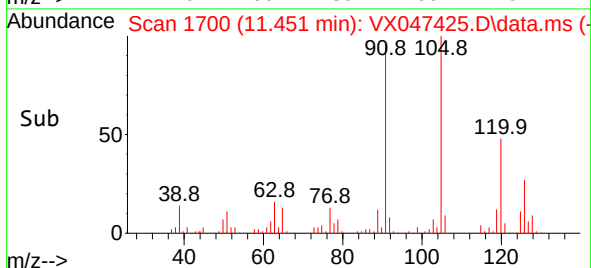
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

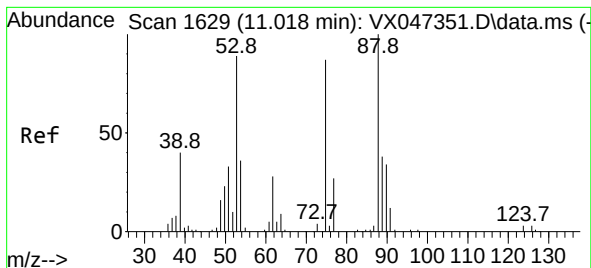


#80
1,3,5-Trimethylbenzene
Concen: 40.589 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



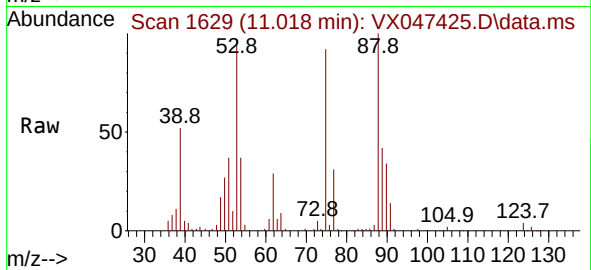
Tgt Ion:105 Resp: 499524
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 37.350 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

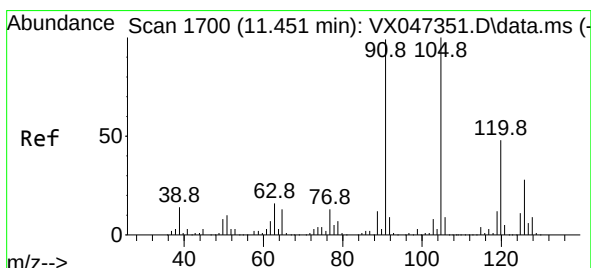
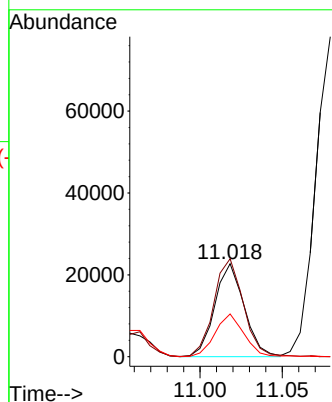
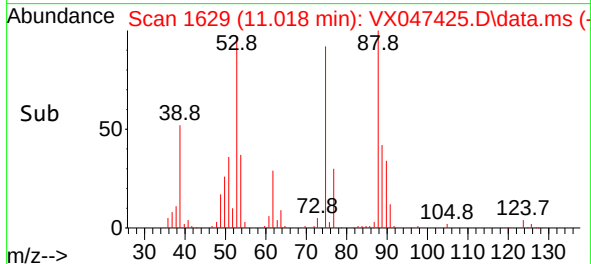
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



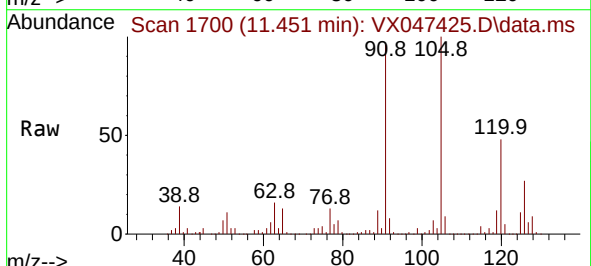
Tgt Ion: 75 Resp: 28218
Ion Ratio Lower Upper
75 100
53 106.3 85.2 127.8
89 45.6 36.7 55.1

Manual Integrations
APPROVED

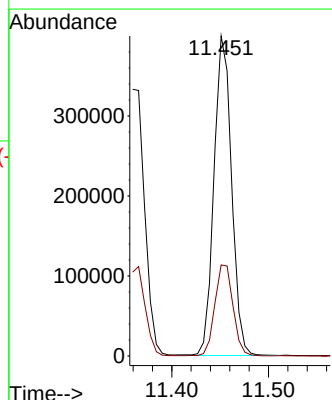
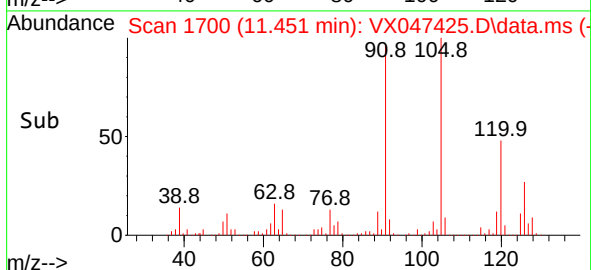
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

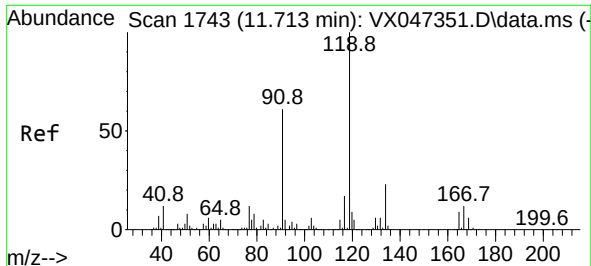


#82
4-Chlorotoluene
Concen: 39.621 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



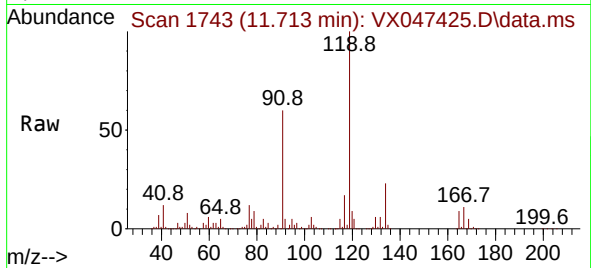
Tgt Ion: 91 Resp: 504359
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.0





#83
tert-Butylbenzene
Concen: 40.499 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

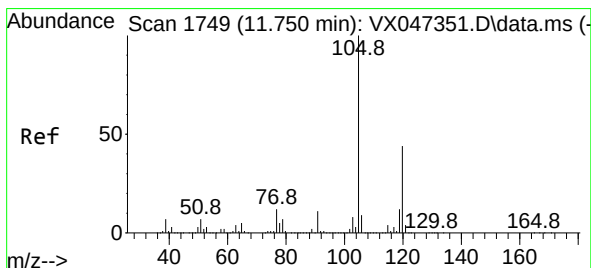
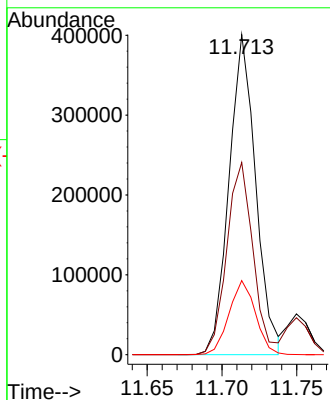
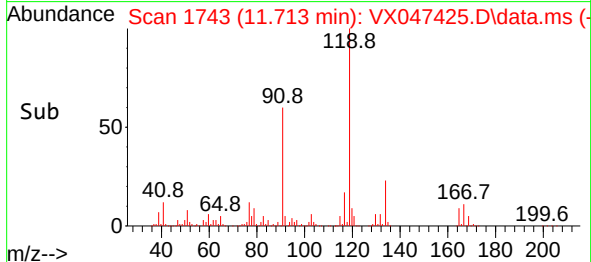
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



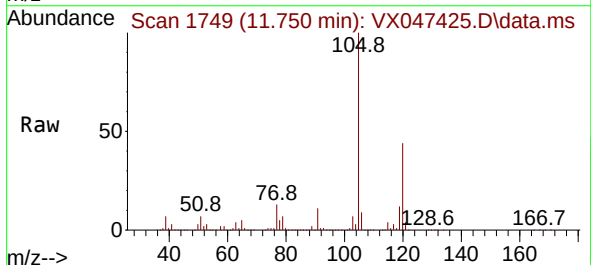
Tgt Ion:119 Resp: 497254
Ion Ratio Lower Upper
119 100
91 59.3 29.1 87.4
134 23.0 11.3 33.9

Manual Integrations
APPROVED

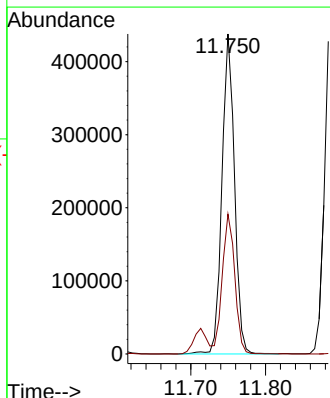
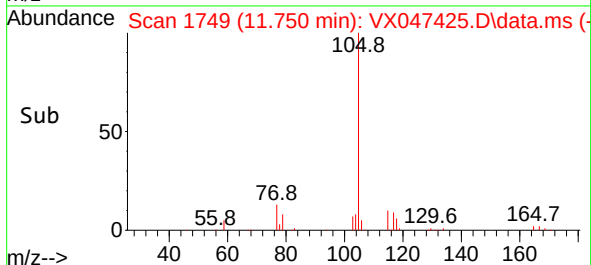
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

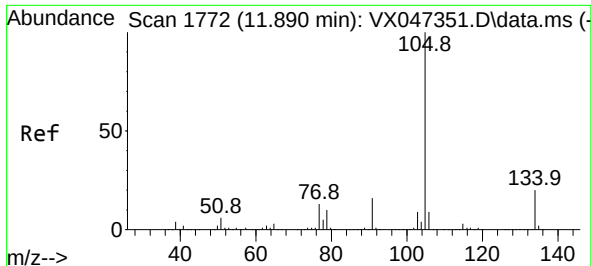


#84
1,2,4-Trimethylbenzene
Concen: 41.402 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



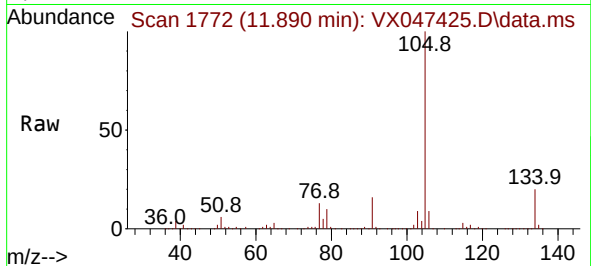
Tgt Ion:105 Resp: 509532
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 40.153 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047425.D
 Acq: 19 Aug 2025 19:47

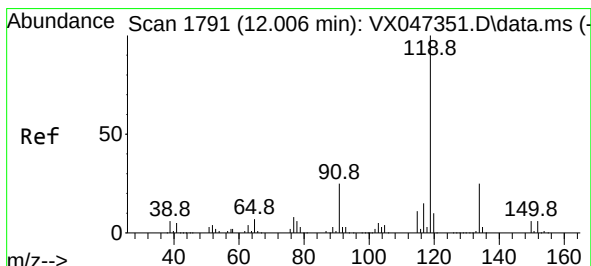
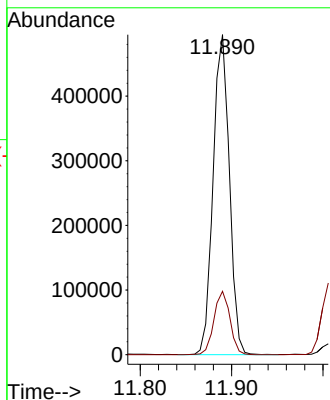
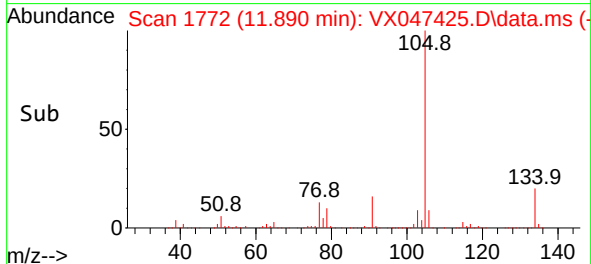
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 611062
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

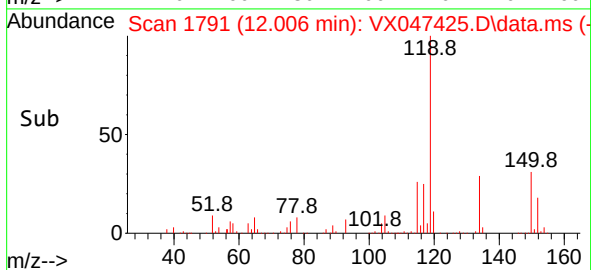
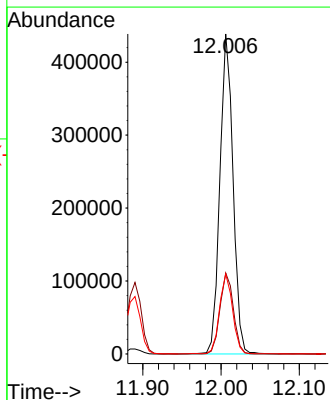
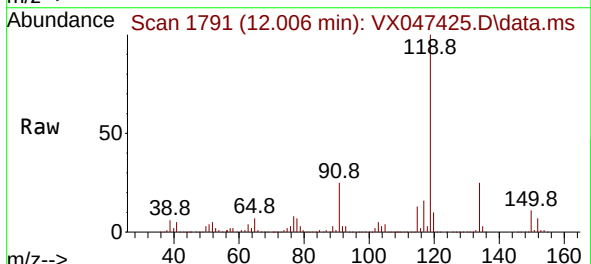
Manual Integrations
 APPROVED

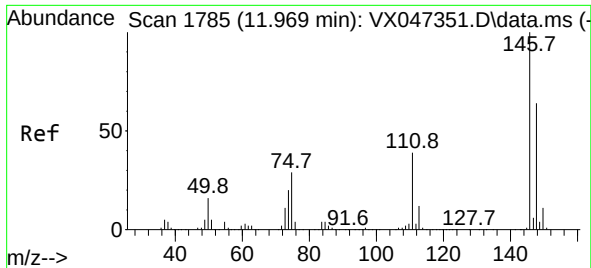
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#86
 p-Isopropyltoluene
 Concen: 39.835 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047425.D
 Acq: 19 Aug 2025 19:47

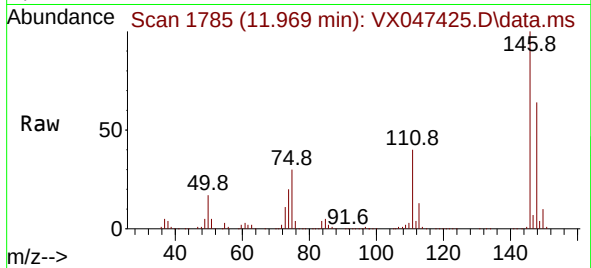
Tgt Ion:119 Resp: 512989
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 24.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 40.440 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

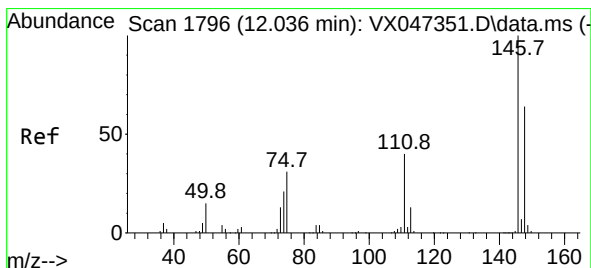
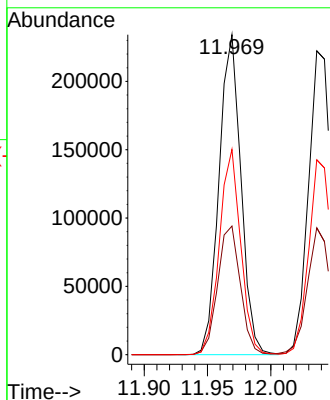
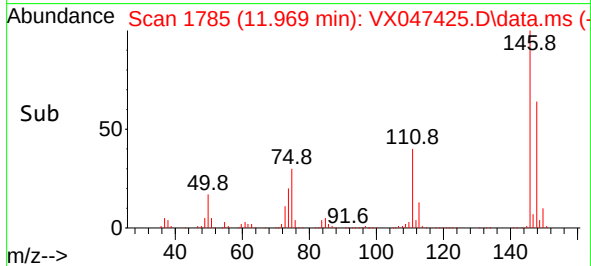
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



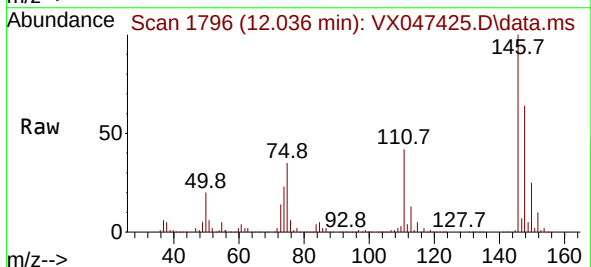
Tgt Ion:146 Resp: 28217
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 62.4 31.9 95.5

Manual Integrations
APPROVED

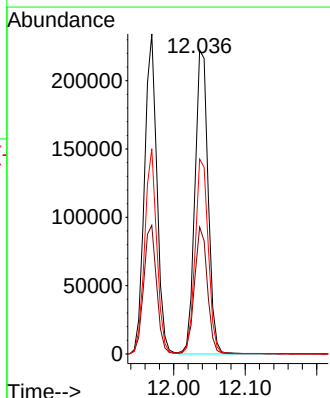
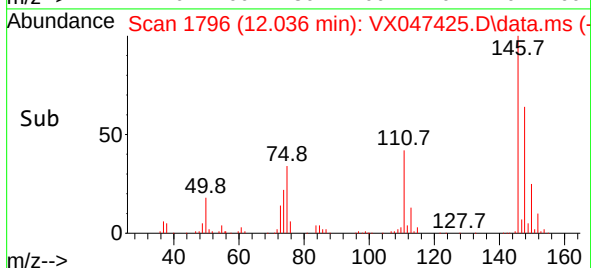
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

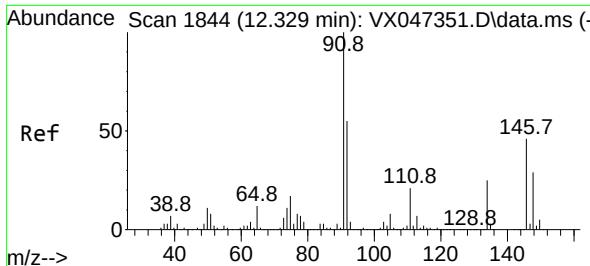


#88
1,4-Dichlorobenzene
Concen: 39.703 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



Tgt Ion:146 Resp: 284933
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.2
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 39.923 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 47819

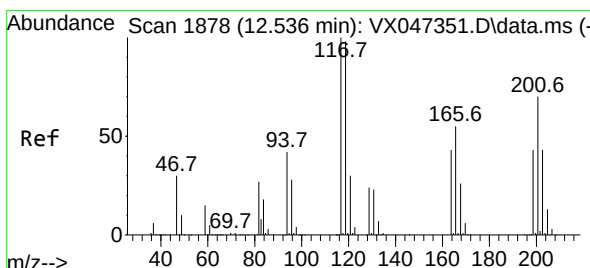
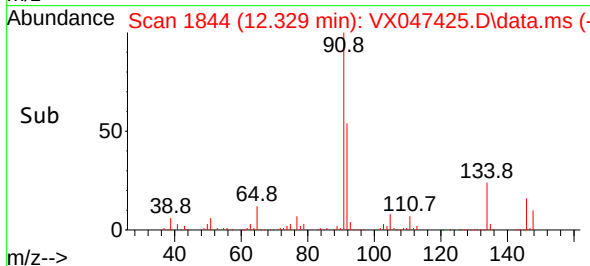
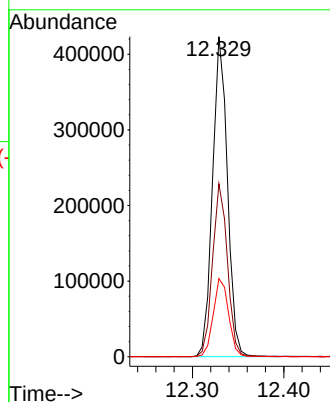
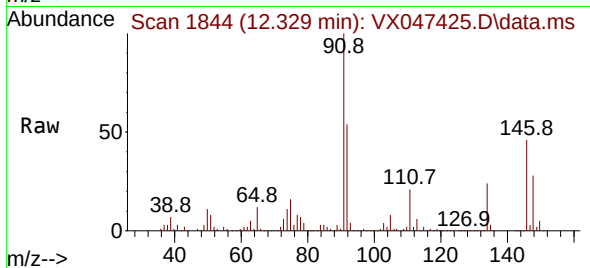
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.5
134	25.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#90

Hexachloroethane

Concen: 39.894 ug/l

RT: 12.536 min Scan# 1878

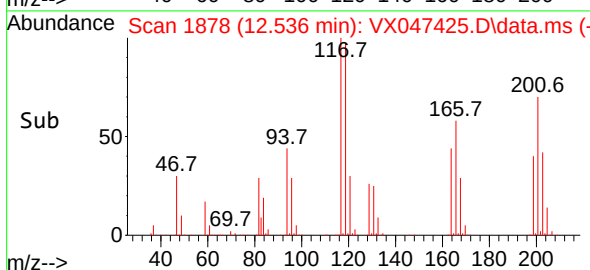
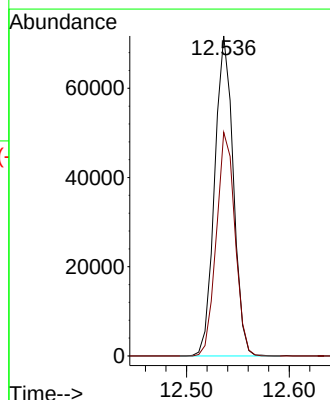
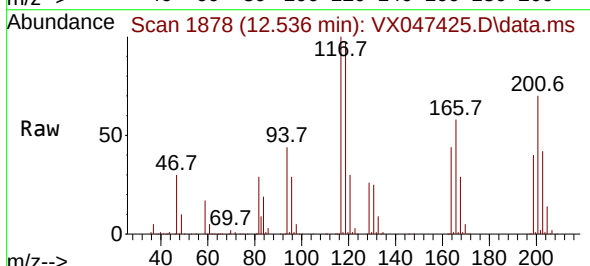
Delta R.T. 0.000 min

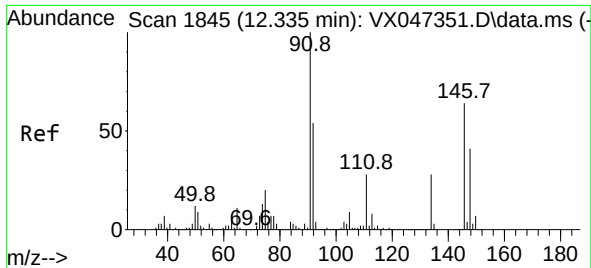
Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Tgt Ion:117 Resp: 90127

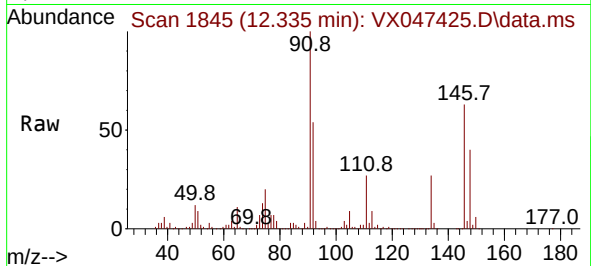
Ion	Ratio	Lower	Upper
117	100		
201	70.0	35.1	105.3





#91
1,2-Dichlorobenzene
Concen: 40.902 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

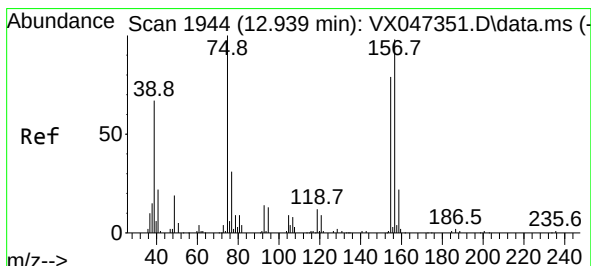
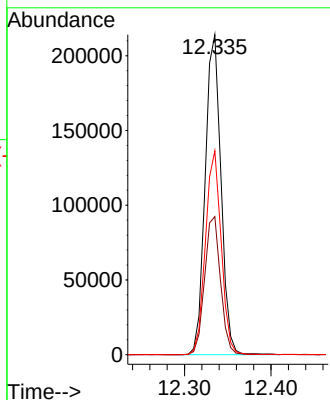
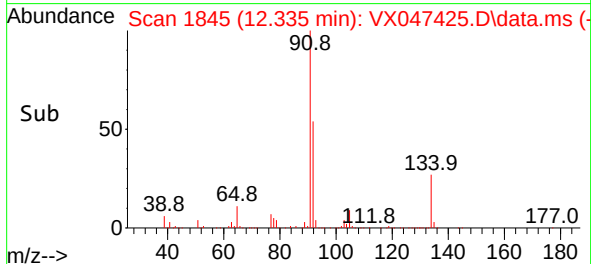
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



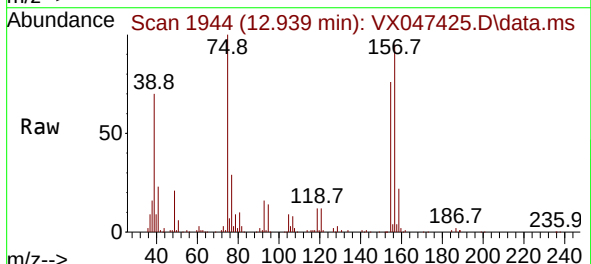
Tgt Ion:146 Resp: 270890
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.1
148 63.6 31.9 95.5

Manual Integrations
APPROVED

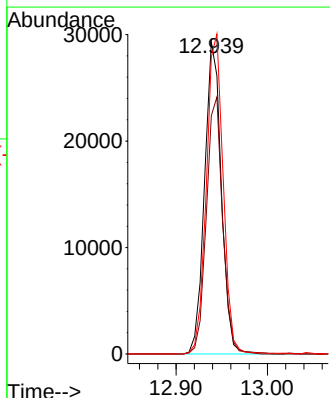
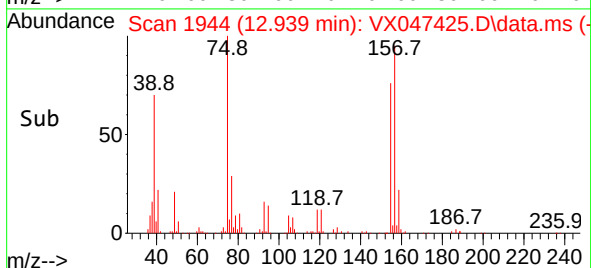
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

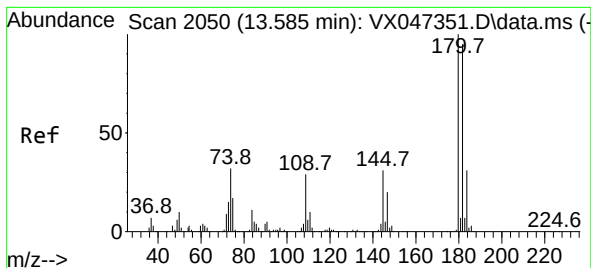


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.828 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47



Tgt Ion: 75 Resp: 37223
Ion Ratio Lower Upper
75 100
155 80.0 41.3 123.7
157 102.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 40.273 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

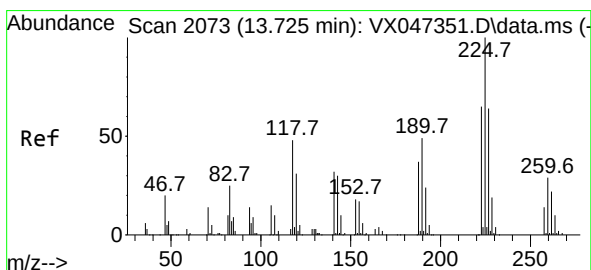
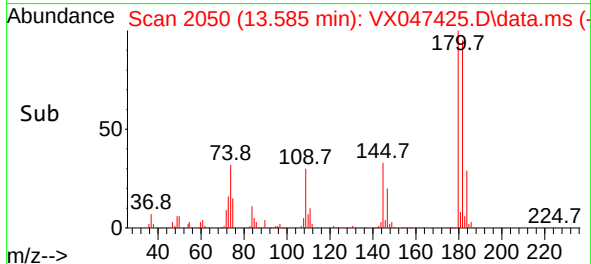
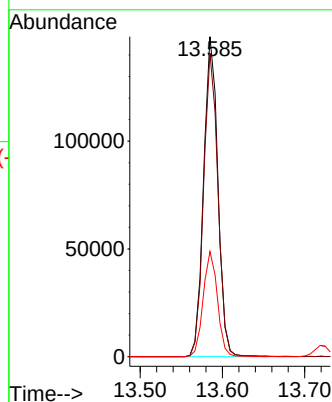
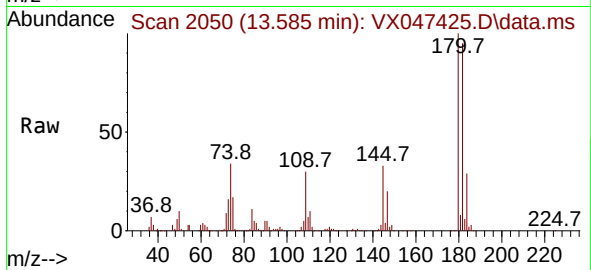
Tgt Ion:	180	Resp:	17881
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.1	144.4
145	32.9	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#94

Hexachlorobutadiene

Concen: 37.038 ug/l

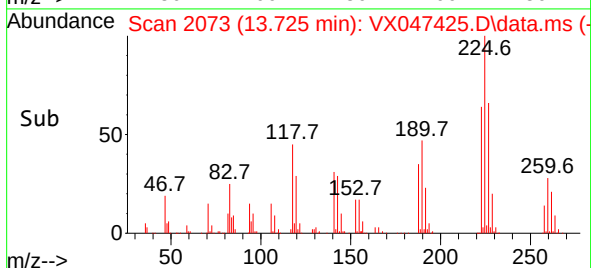
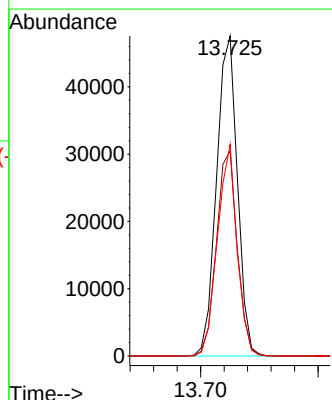
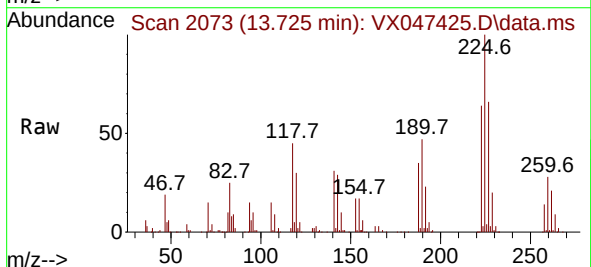
RT: 13.725 min Scan# 2073

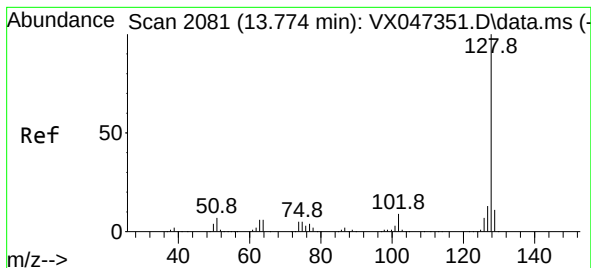
Delta R.T. 0.000 min

Lab File: VX047425.D

Acq: 19 Aug 2025 19:47

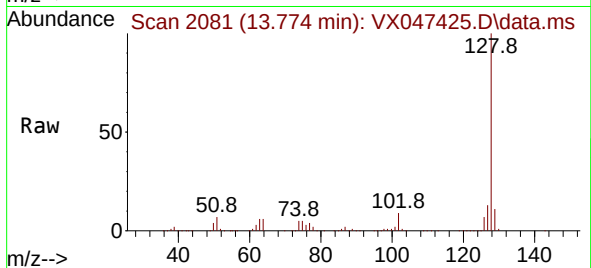
Tgt Ion:	225	Resp:	58535
Ion Ratio	Lower	Upper	
225	100		
223	64.1	32.2	96.6
227	62.1	31.6	95.0





#95
Naphthalene
Concen: 44.507 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

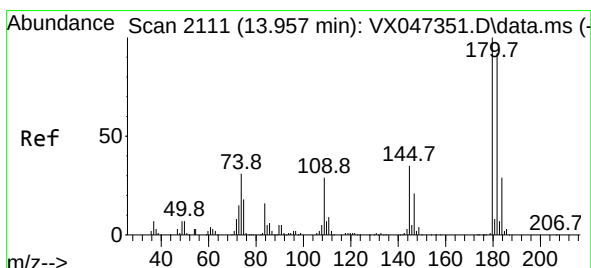
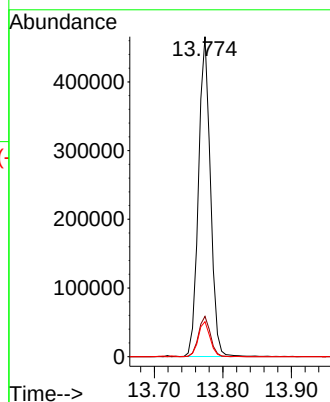
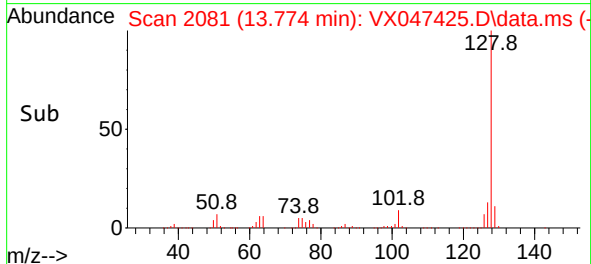
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 564719
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 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: 41.215 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047425.D
Acq: 19 Aug 2025 19:47

Tgt Ion:180 Resp: 172490
Ion Ratio Lower Upper
180 100
182 95.3 48.0 144.2
145 34.9 17.4 52.2

