

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044571.D
 Acq On : 31 Dec 2024 11:12
 Operator : JC/MD
 Sample : VX1231WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02

Quant Time: Jan 01 01:37:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	157790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	220076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119228	43.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.200%		
35) Dibromofluoromethane	5.385	113	93532	51.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	8.647	98	303964	49.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	11.079	95	100980	47.053	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38360	15.722	ug/l	91
3) Chloromethane	1.294	50	38210	16.377	ug/l	98
4) Vinyl Chloride	1.374	62	38613	15.886	ug/l	96
5) Bromomethane	1.593	94	27322	15.844	ug/l	98
6) Chloroethane	1.666	64	26754	17.676	ug/l	96
7) Trichlorofluoromethane	1.867	101	69104	14.522	ug/l	99
8) Diethyl Ether	2.136	74	26975	16.607	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	32992	17.134	ug/l	92
10) Methyl Iodide	2.440	142	46691	18.398	ug/l	94
11) Tert butyl alcohol	2.989	59	30147	77.318	ug/l	99
12) 1,1-Dichloroethene	2.306	96	31773	17.965	ug/l	93
13) Acrolein	2.239	56	53128	94.130	ug/l	97
14) Allyl chloride	2.660	41	48299	16.395	ug/l	97
15) Acrylonitrile	3.068	53	88739	82.161	ug/l	98
16) Acetone	2.386	43	80007	70.935	ug/l	93
17) Carbon Disulfide	2.501	76	57765	17.182	ug/l	100
18) Methyl Acetate	2.703	43	46505	15.991	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	110264	15.976	ug/l	98
20) Methylene Chloride	2.782	84	36472	17.216	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	32540	17.311	ug/l	93
22) Diisopropyl ether	3.763	45	104481	15.750	ug/l	95
23) Vinyl Acetate	3.721	43	454330	84.242	ug/l	98
24) 1,1-Dichloroethane	3.605	63	63004	17.039	ug/l	99
25) 2-Butanone	4.562	43	122309	76.278	ug/l	100
26) 2,2-Dichloropropane	4.471	77	50785	16.906	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	41301	17.301	ug/l	93
28) Bromochloromethane	4.897	49	31147	17.178	ug/l	94
29) Tetrahydrofuran	5.007	42	79881	77.614	ug/l	99
30) Chloroform	5.086	83	68529	16.495	ug/l	98
31) Cyclohexane	5.458	56	49263	16.498	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	57172	16.578	ug/l	97
36) 1,1-Dichloropropene	5.690	75	42990	18.269	ug/l	98
37) Ethyl Acetate	4.714	43	49505	17.019	ug/l	97
38) Carbon Tetrachloride	5.665	117	46703	18.434	ug/l	97
39) Methylcyclohexane	7.373	83	54140	19.245	ug/l	95
40) Benzene	6.031	78	135026	18.899	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044571.D
 Acq On : 31 Dec 2024 11:12
 Operator : JC/MD
 Sample : VX1231WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02

Quant Time: Jan 01 01:37:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25668	16.618	ug/l	94
42) 1,2-Dichloroethane	6.080	62	52618	17.878	ug/l	98
43) Isopropyl Acetate	6.342	43	75184	16.537	ug/l	96
44) Trichloroethene	7.123	130	34047	19.109	ug/l	94
45) 1,2-Dichloropropane	7.427	63	31386	17.194	ug/l	97
46) Dibromomethane	7.580	93	26852	18.962	ug/l	95
47) Bromodichloromethane	7.818	83	45988	18.804	ug/l	99
48) Methyl methacrylate	7.690	41	36713	16.635	ug/l	96
49) 1,4-Dioxane	7.665	88	10573	288.949	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	247908	84.804	ug/l	98
52) Toluene	8.714	92	83762	18.669	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	43434	17.763	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	49307	18.516	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	34200	19.187	ug/l	98
56) Ethyl methacrylate	9.116	69	49494	17.589	ug/l	98
57) 1,3-Dichloropropane	9.305	76	57637	18.578	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	105524	74.352	ug/l	97
59) 2-Hexanone	9.433	43	179685	84.919	ug/l	98
60) Dibromochloromethane	9.518	129	32332	18.428	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35197	19.399	ug/l	96
64) Tetrachloroethene	9.269	164	31847	21.803	ug/l	94
65) Chlorobenzene	10.079	112	91033	19.304	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31287	20.644	ug/l	98
67) Ethyl Benzene	10.189	91	154680	18.984	ug/l	98
68) m/p-Xylenes	10.299	106	117612	39.337	ug/l	95
69) o-Xylene	10.640	106	58437	19.317	ug/l	94
70) Styrene	10.652	104	94475	19.481	ug/l	96
71) Bromoform	10.799	173	19902	20.788	ug/l #	97
73) Isopropylbenzene	10.963	105	147179	19.210	ug/l	100
74) N-amyl acetate	10.841	43	61031	17.236	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50455	18.960	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41254m	18.461	ug/l	
77) Bromobenzene	11.195	156	37903	20.401	ug/l	91
78) n-propylbenzene	11.305	91	161531	19.075	ug/l	97
79) 2-Chlorotoluene	11.360	91	101236	18.485	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	124209	19.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11717	18.927	ug/l	94
82) 4-Chlorotoluene	11.451	91	112294	18.516	ug/l	97
83) tert-Butylbenzene	11.713	119	122030	19.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	124140	19.894	ug/l	100
85) sec-Butylbenzene	11.890	105	146216	19.181	ug/l	98
86) p-Isopropyltoluene	12.006	119	125017	19.704	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64797	19.966	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	64153	19.230	ug/l	99
89) n-Butylbenzene	12.329	91	97910	18.352	ug/l	99
90) Hexachloroethane	12.536	117	17323	18.704	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	66845	19.837	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8588	16.624	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	37288	20.183	ug/l	99
94) Hexachlorobutadiene	13.725	225	16792	22.597	ug/l	98
95) Naphthalene	13.774	128	131034	18.171	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39293	20.053	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
Data File : VX044571.D
Acq On : 31 Dec 2024 11:12
Operator : JC/MD
Sample : VX1231WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

Quant Time: Jan 01 01:37:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

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

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

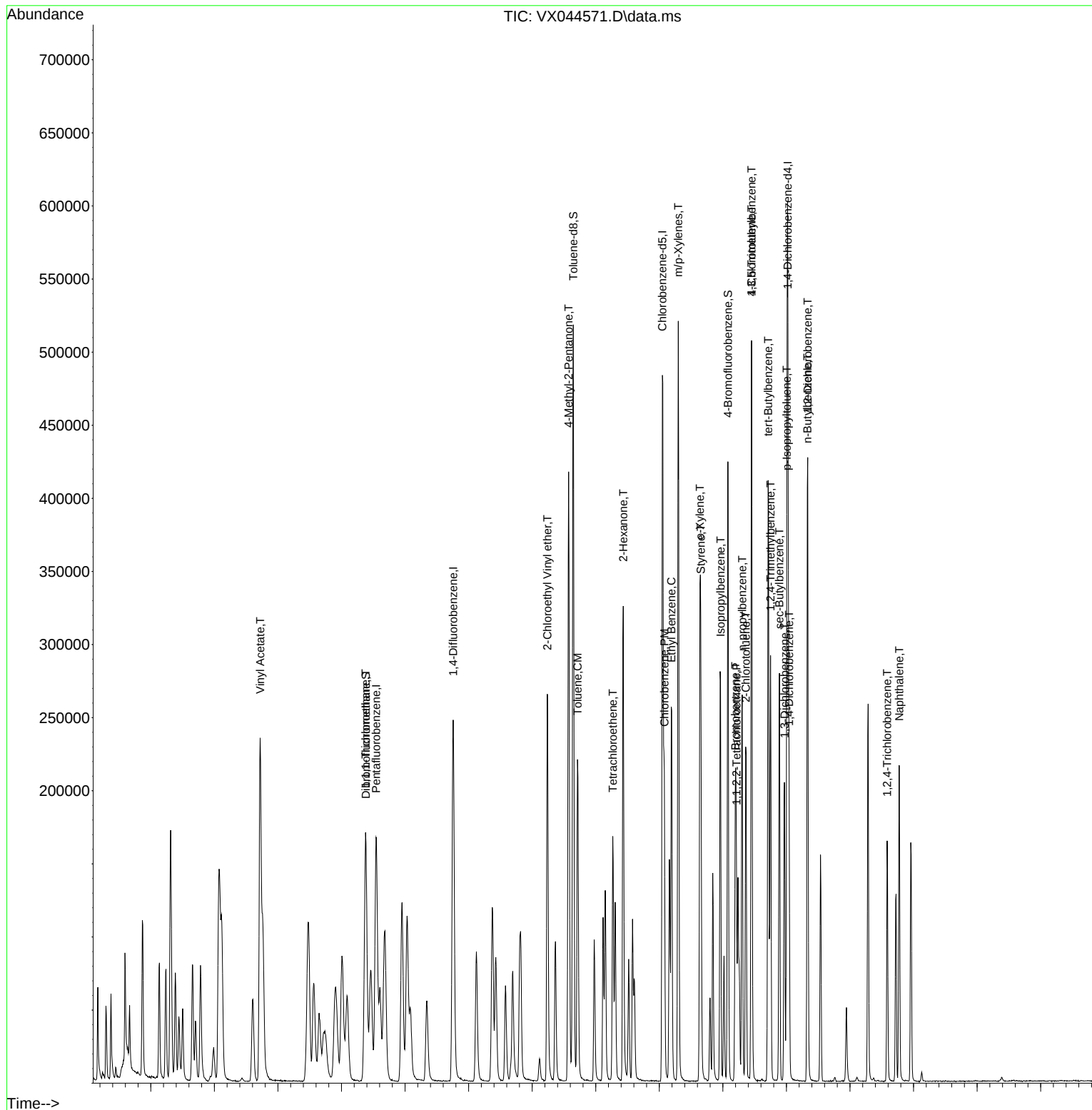
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
Data File : VX044571.D
Acq On : 31 Dec 2024 11:12
Operator : JC/MD
Sample : VX1231WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

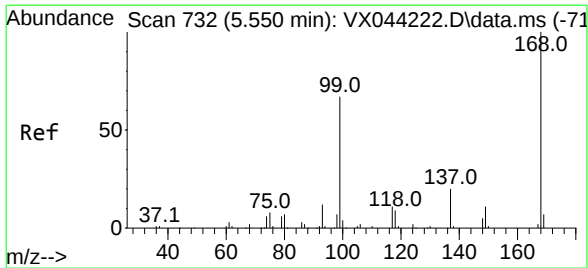
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025

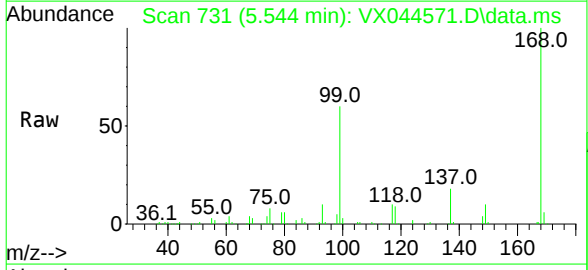
Quant Time: Jan 01 01:37:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

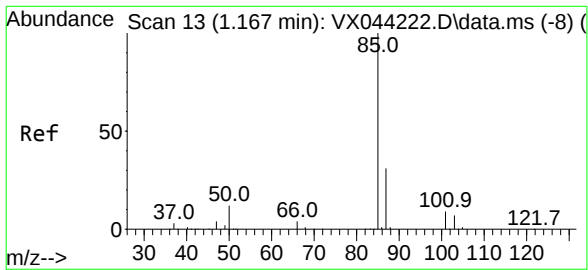
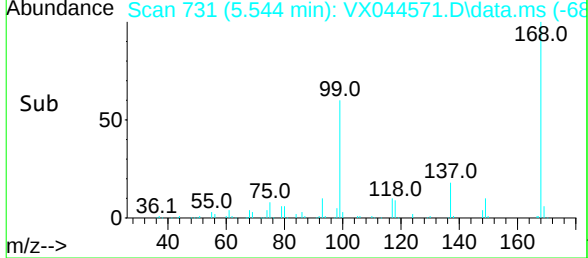
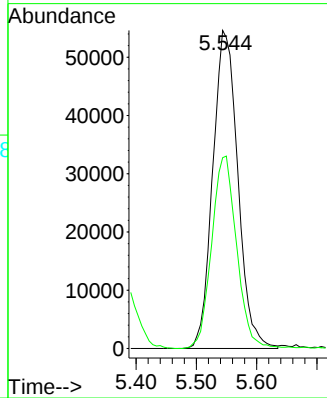
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion: 168 Resp: 157790
Ion Ratio Lower Upper
168 100
99 60.0 53.4 80.0

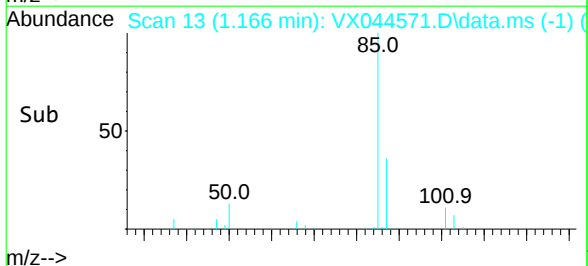
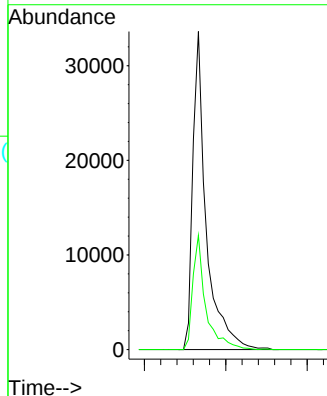
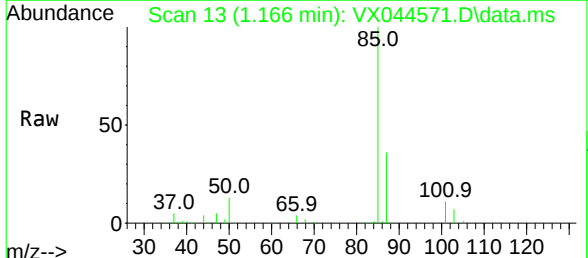
Manual Integrations
APPROVED

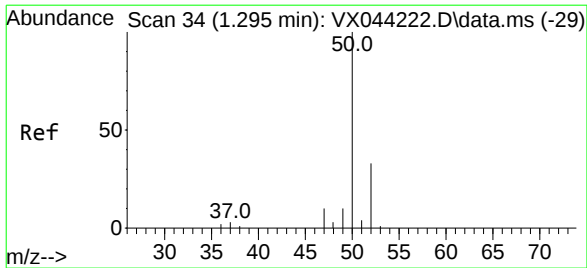
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#2
Dichlorodifluoromethane
Concen: 15.722 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 85 Resp: 38360
Ion Ratio Lower Upper
85 100
87 35.9 15.4 46.4





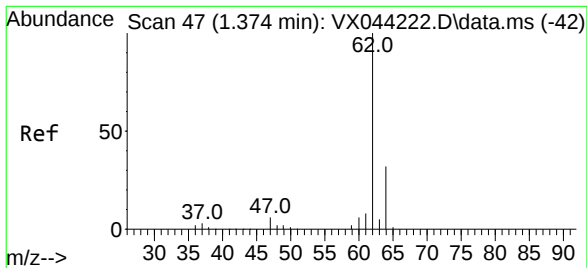
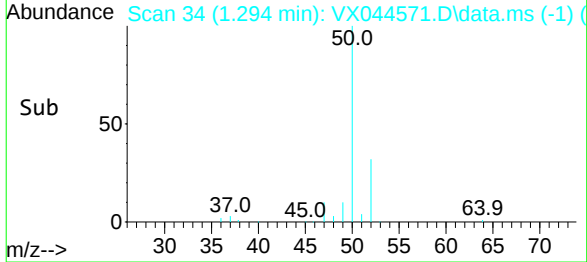
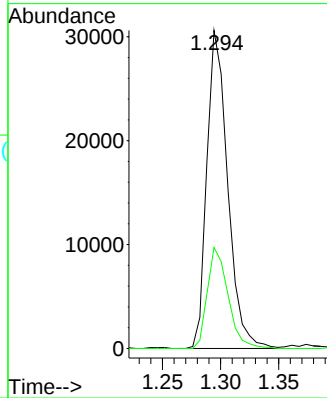
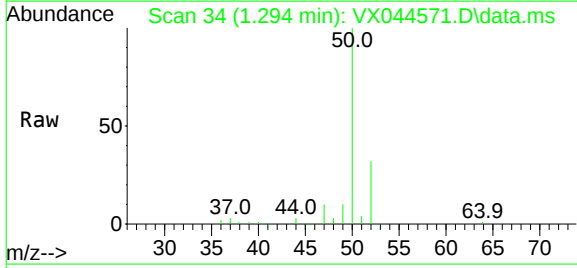
#3
Chloromethane
Concen: 16.377 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 50 Resp: 38210
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

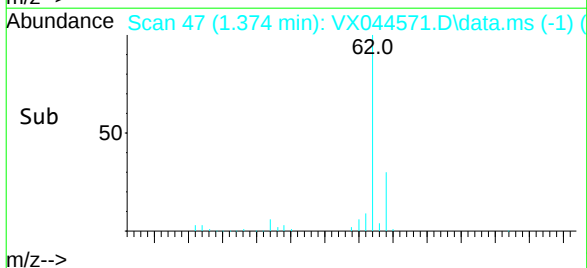
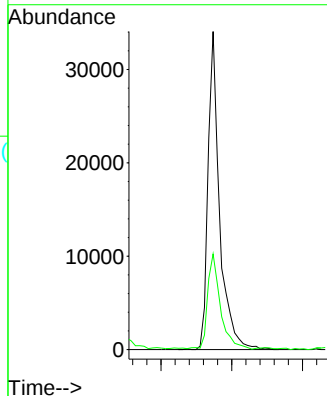
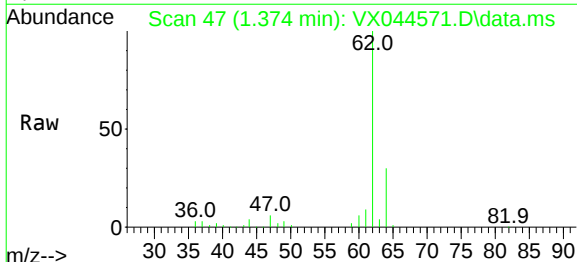
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#4
Vinyl Chloride
Concen: 15.886 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 62 Resp: 38613
Ion Ratio Lower Upper
62 100
64 29.8 25.7 38.5





#5

Bromomethane

Concen: 15.844 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

Tgt Ion: 94 Resp: 27322

Ion Ratio Lower Upper

94 100

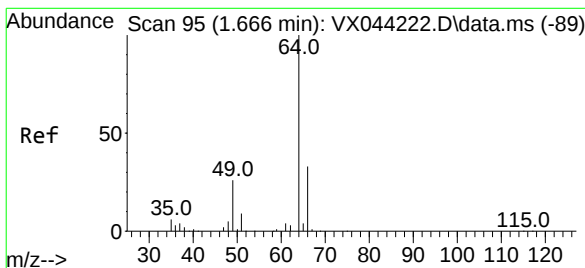
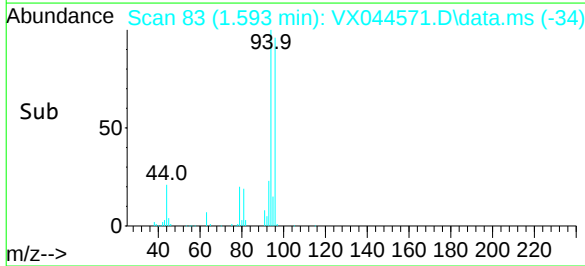
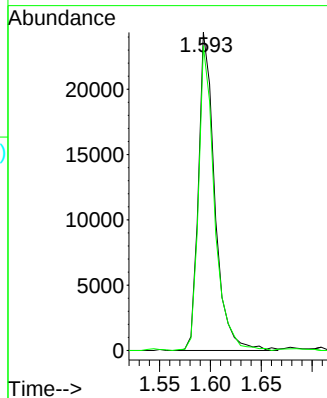
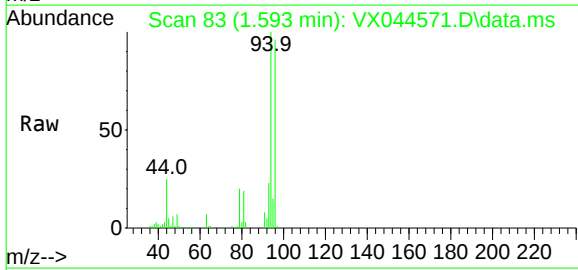
96 95.5 74.9 112.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#6

Chloroethane

Concen: 17.676 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044571.D

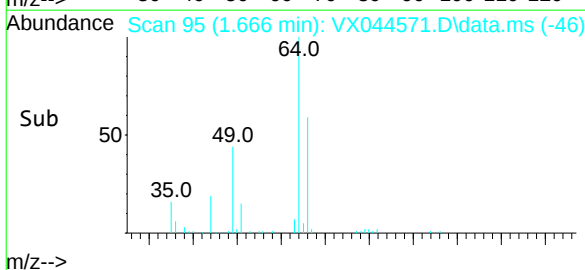
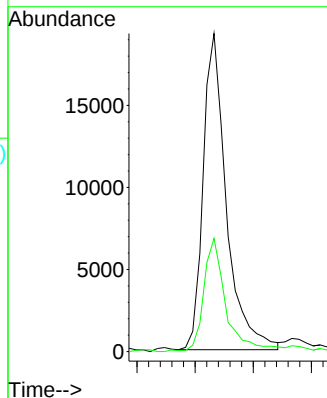
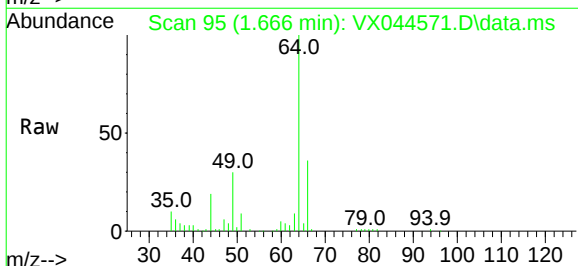
Acq: 31 Dec 2024 11:12

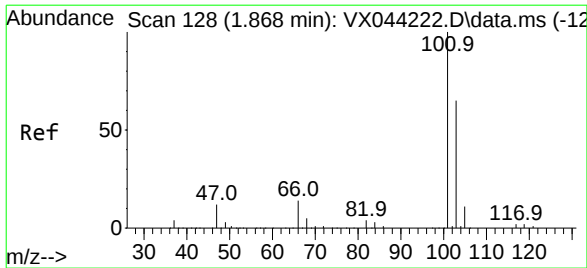
Tgt Ion: 64 Resp: 26754

Ion Ratio Lower Upper

64 100

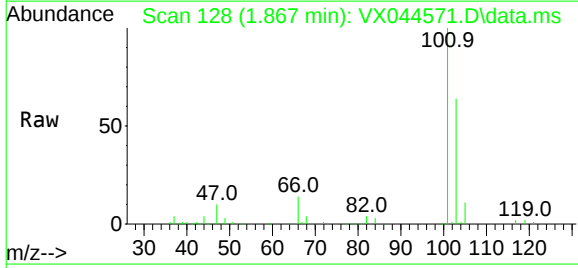
66 35.5 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 14.522 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

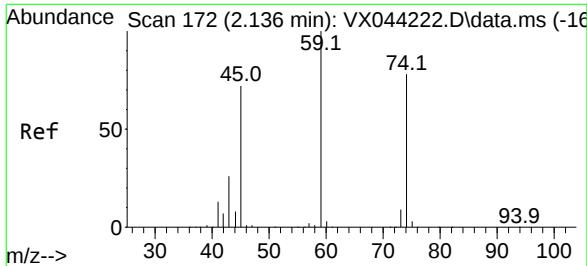
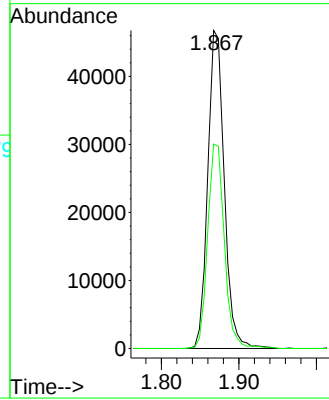
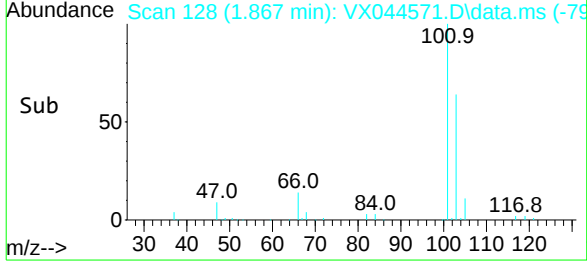
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02



Tgt Ion:101 Resp: 69104
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.8

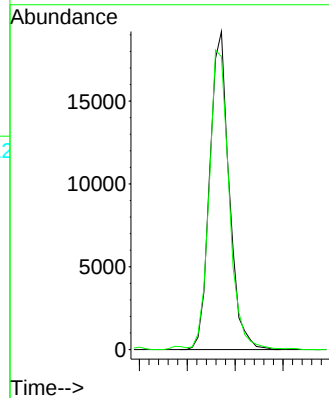
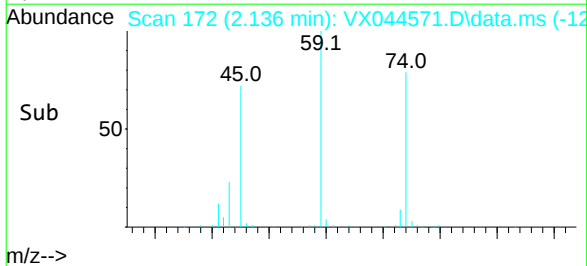
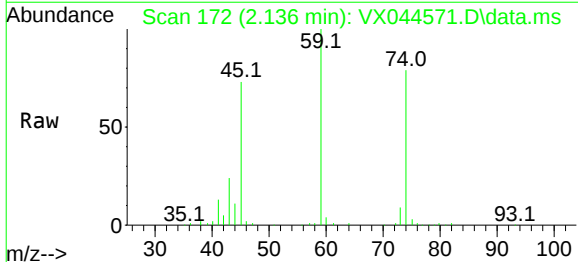
Manual Integrations
 APPROVED

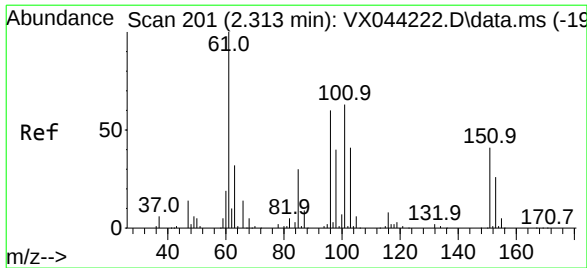
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#8
 Diethyl Ether
 Concen: 16.607 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

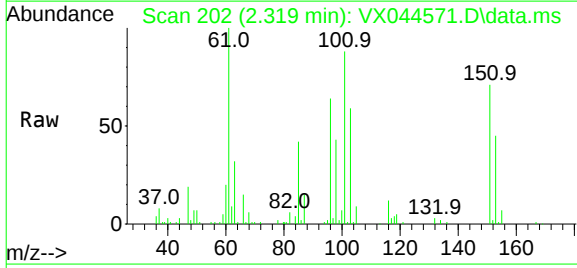
Tgt Ion: 74 Resp: 26975
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.134 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

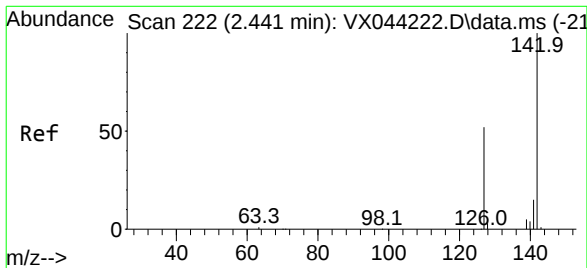
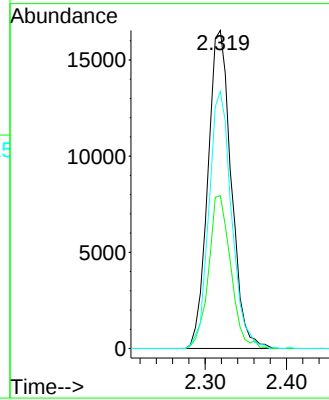
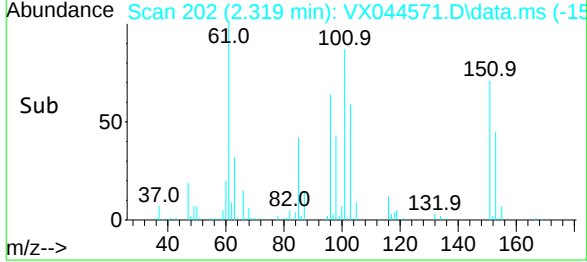
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



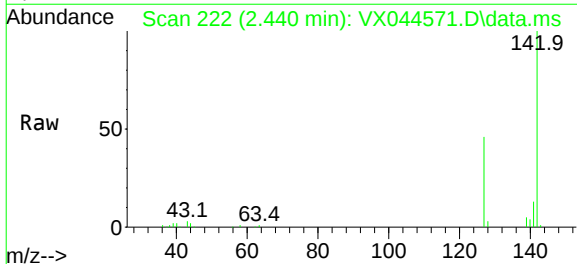
Tgt Ion:101 Resp: 32992
Ion Ratio Lower Upper
101 100
85 45.5 38.5 57.7
151 78.4 55.8 83.6

Manual Integrations
APPROVED

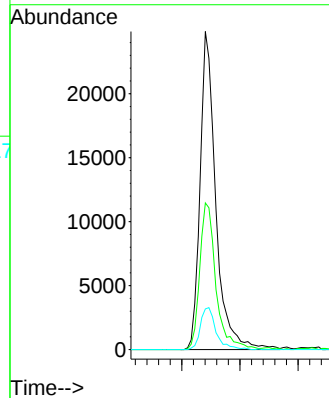
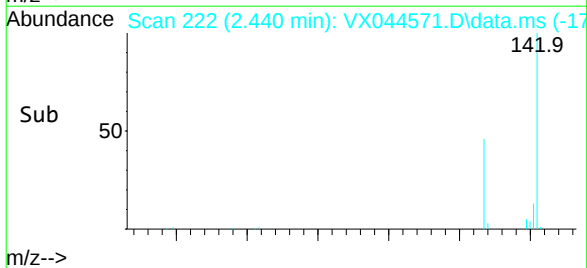
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

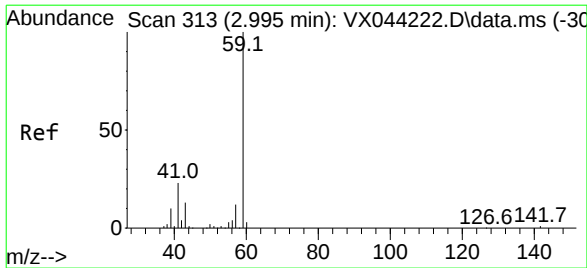


#10
Methyl Iodide
Concen: 18.398 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12



Tgt Ion:142 Resp: 46691
Ion Ratio Lower Upper
142 100
127 47.5 41.8 62.8
141 13.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 77.318 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

Tgt Ion: 59 Resp: 30147

Ion Ratio Lower Upper

59 100

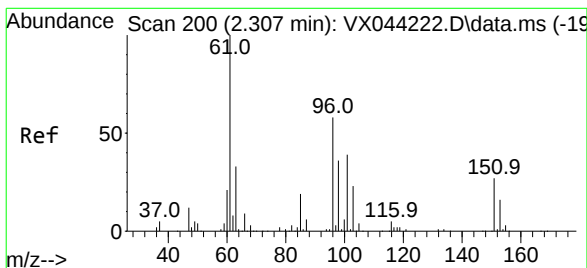
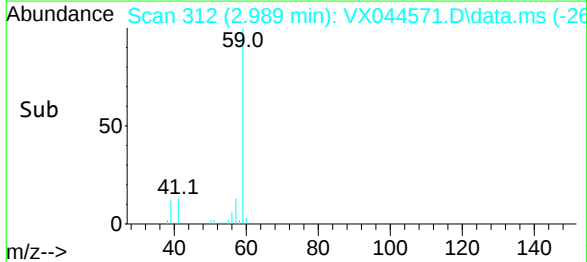
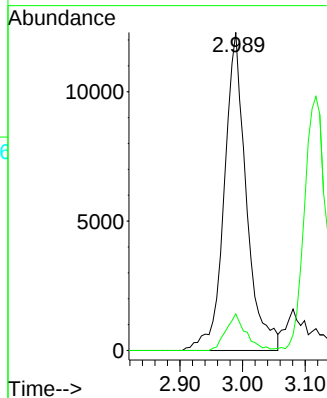
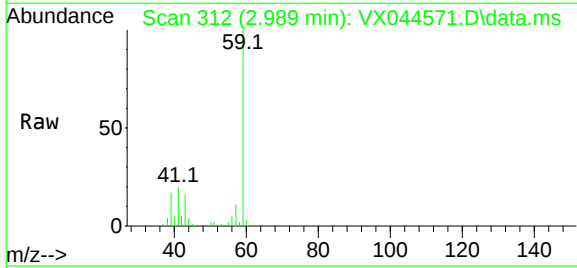
57 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#12

1,1-Dichloroethene

Concen: 17.965 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

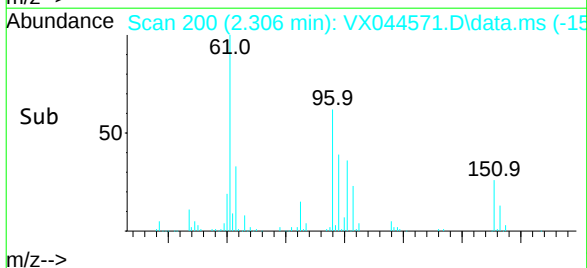
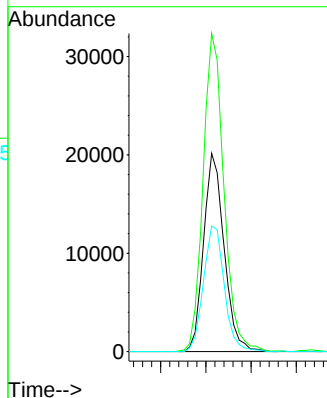
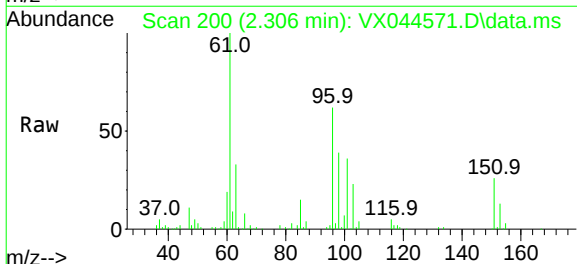
Tgt Ion: 96 Resp: 31773

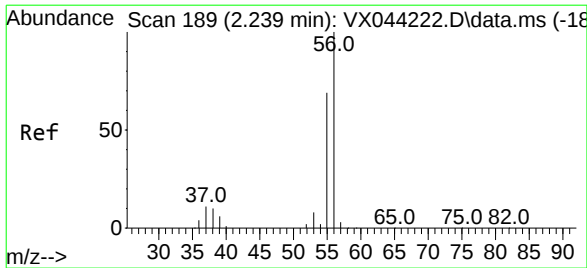
Ion Ratio Lower Upper

96 100

61 160.1 138.0 207.0

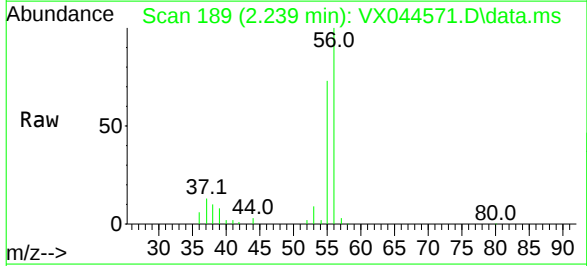
98 63.3 50.0 75.0





#13
Acrolein
Concen: 94.130 ug/l
RT: 2.239 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

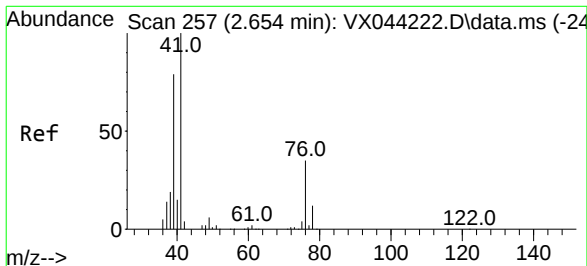
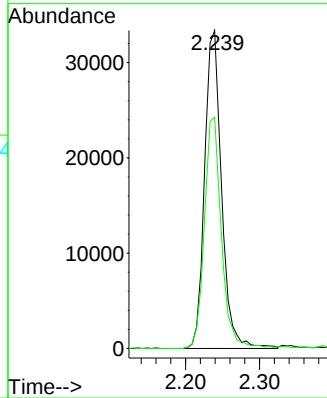
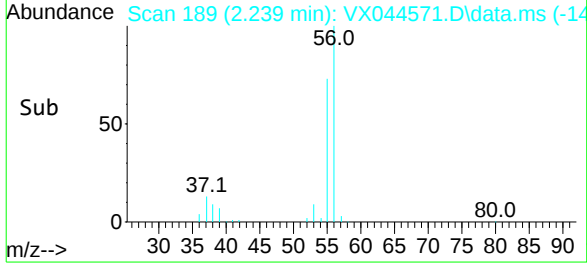
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion: 56 Resp: 53128
Ion Ratio Lower Upper
56 100
55 73.2 56.6 84.8

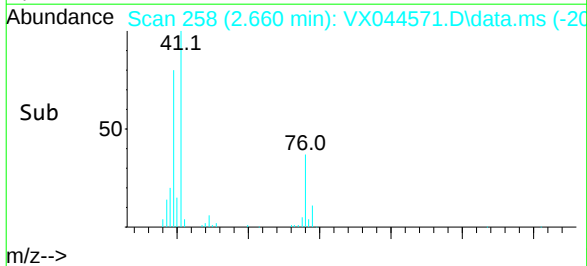
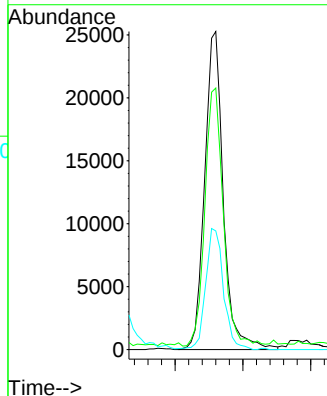
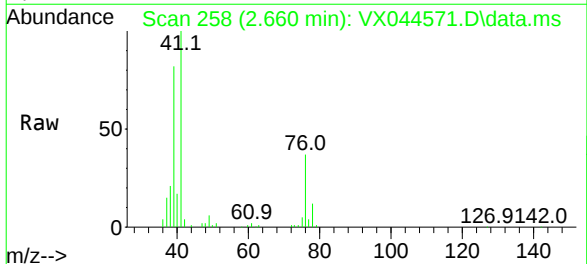
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#14
Allyl chloride
Concen: 16.395 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 41 Resp: 48299
Ion Ratio Lower Upper
41 100
39 79.9 61.9 92.9
76 36.2 27.4 41.2





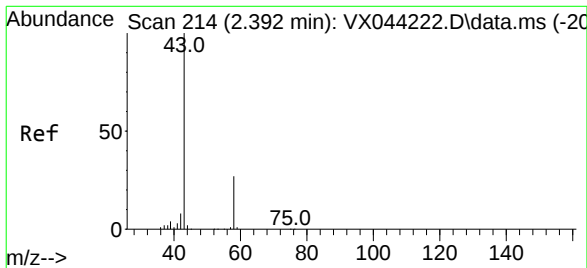
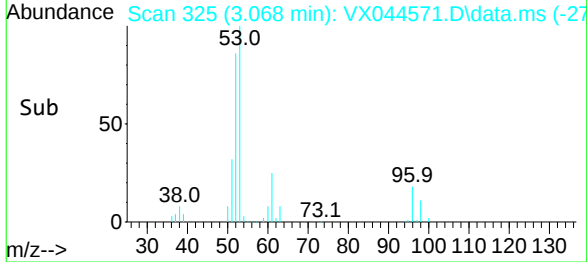
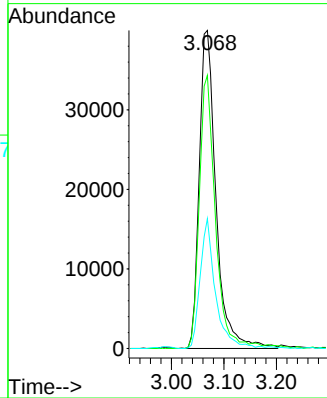
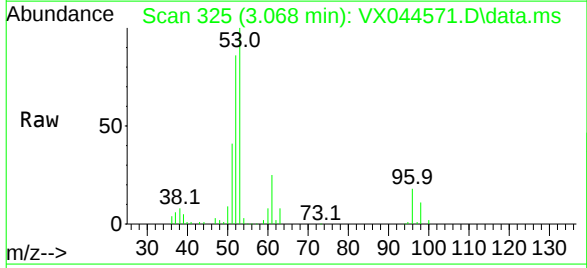
#15
Acrylonitrile
Concen: 82.161 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.4	101.0
51	37.3	30.3	45.5

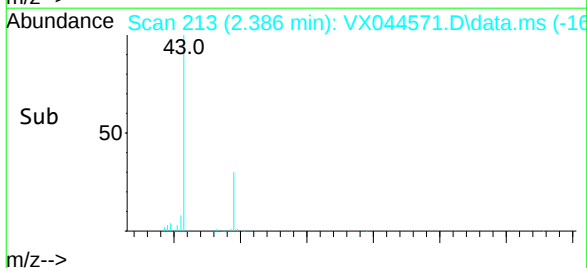
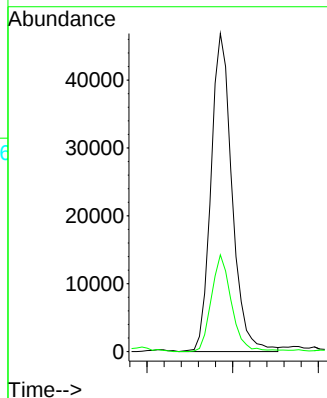
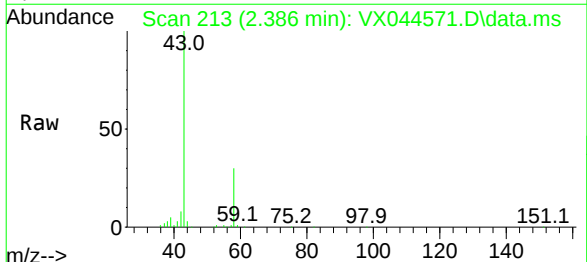
Manual Integrations
APPROVED

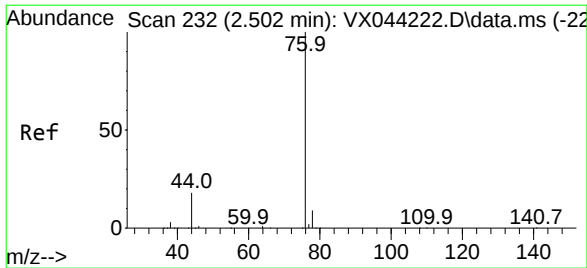
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#16
Acetone
Concen: 70.935 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.6	32.4





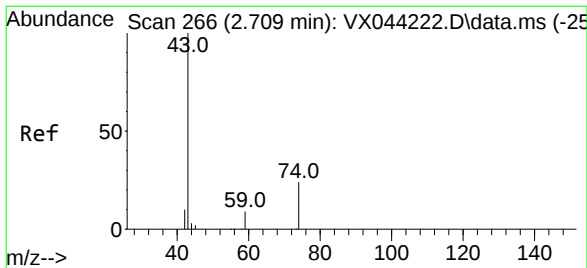
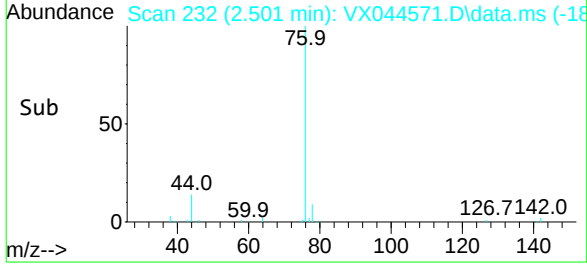
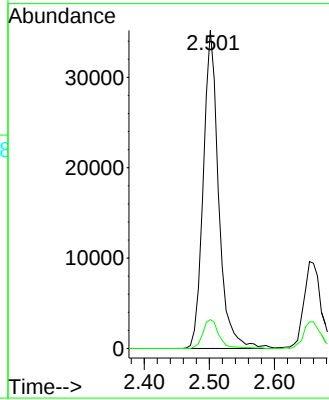
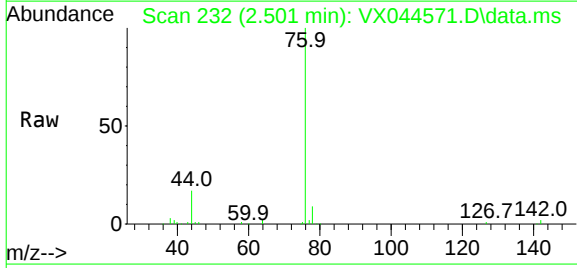
#17
Carbon Disulfide
Concen: 17.182 ug/l
RT: 2.501 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 76 Resp: 57765
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

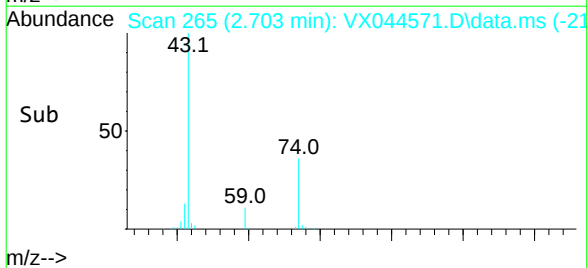
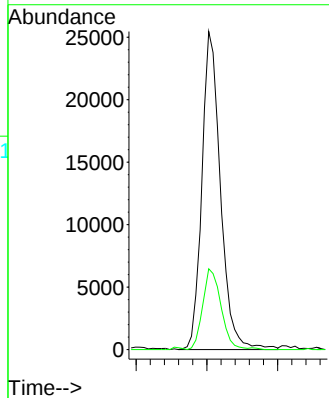
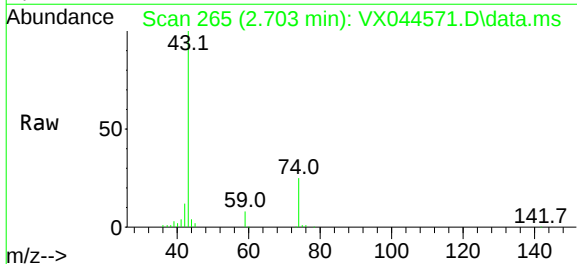
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#18
Methyl Acetate
Concen: 15.991 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

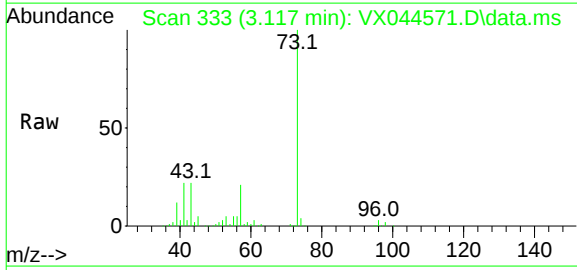
Tgt Ion: 43 Resp: 46505
Ion Ratio Lower Upper
43 100
74 25.1 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 15.976 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

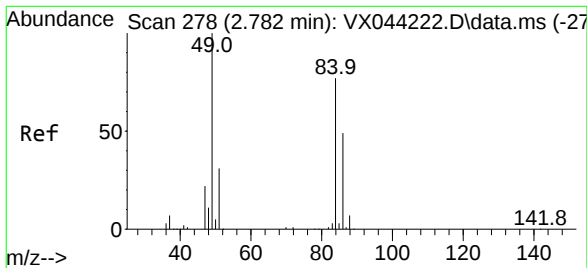
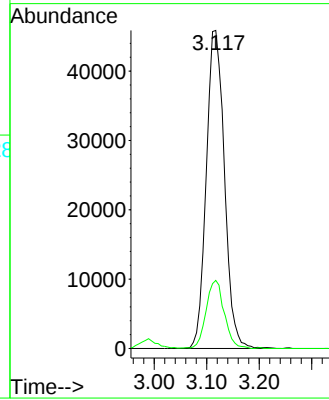
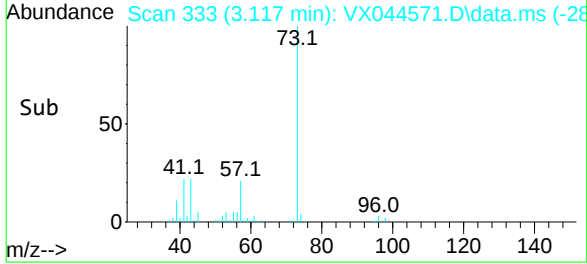
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



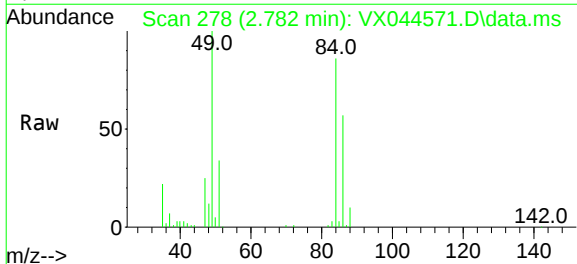
Tgt Ion: 73 Resp: 110264
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.4

Manual Integrations
APPROVED

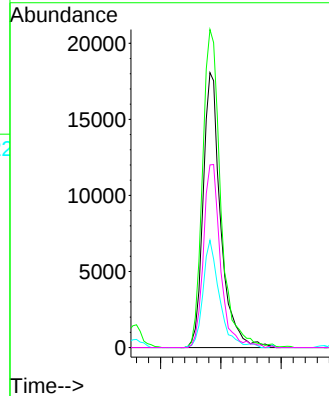
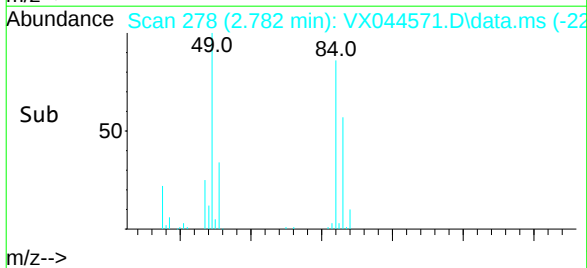
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025

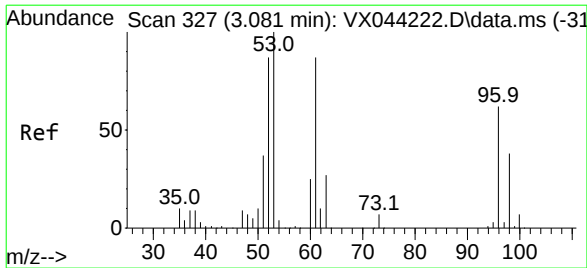


#20
Methylene Chloride
Concen: 17.216 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12



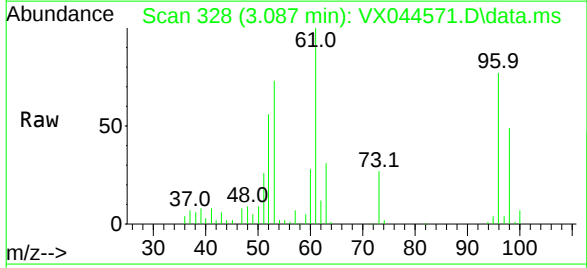
Tgt Ion: 84 Resp: 36472
Ion Ratio Lower Upper
84 100
49 115.7 104.2 156.4
51 39.0 32.2 48.4
86 66.4 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 17.311 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

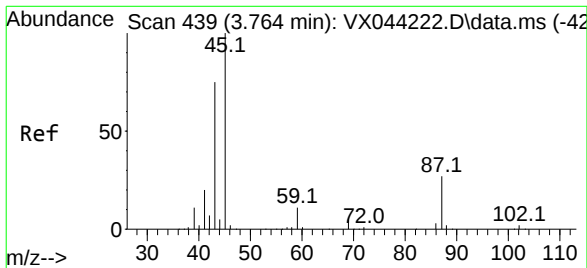
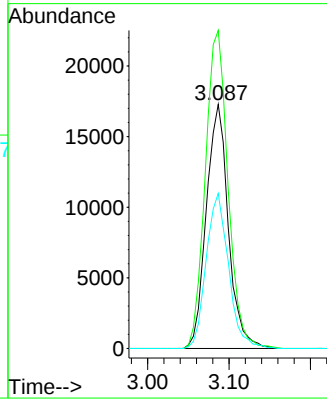
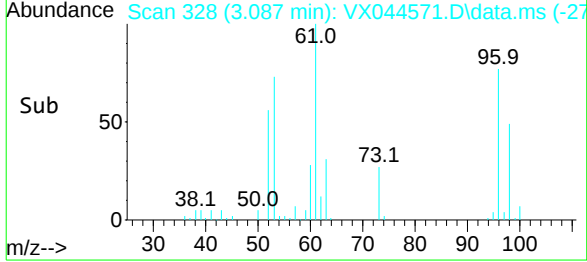
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion: 96 Resp: 32540
Ion Ratio Lower Upper
96 100
61 130.3 112.0 168.0
98 63.6 48.8 73.2

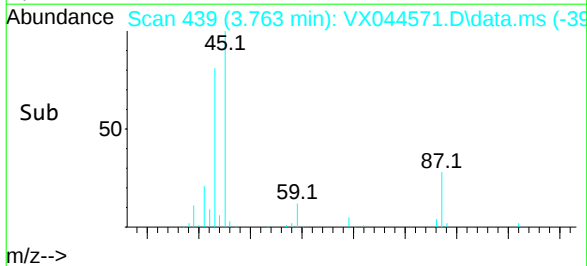
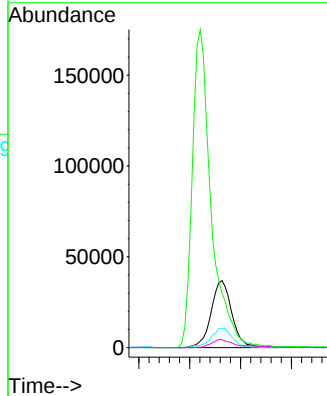
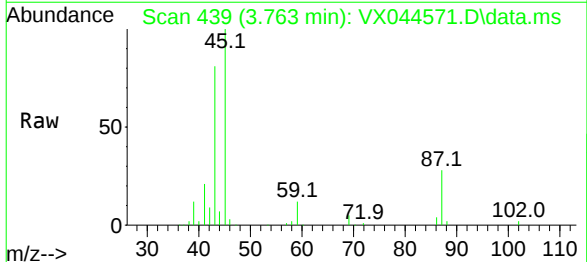
Manual Integrations
APPROVED

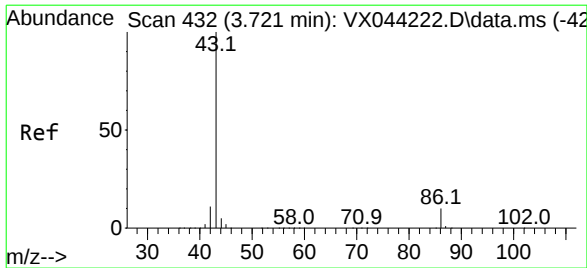
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#22
Diisopropyl ether
Concen: 15.750 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 45 Resp: 104481
Ion Ratio Lower Upper
45 100
43 80.2 60.2 90.2
87 28.1 21.2 31.8
59 11.8 8.9 13.3





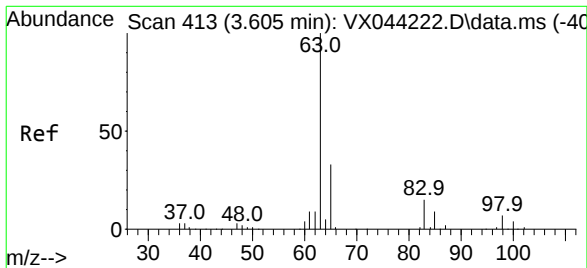
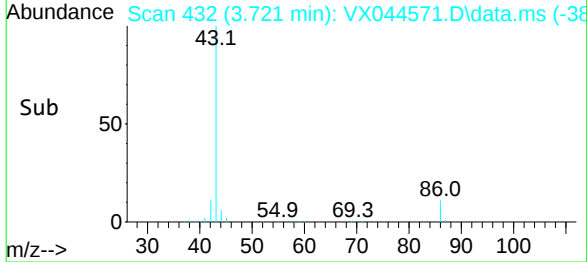
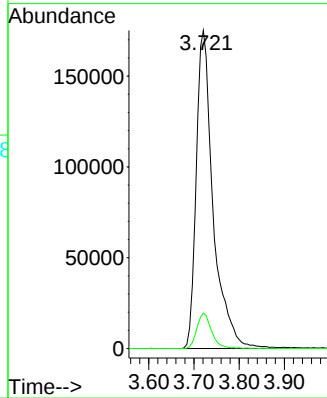
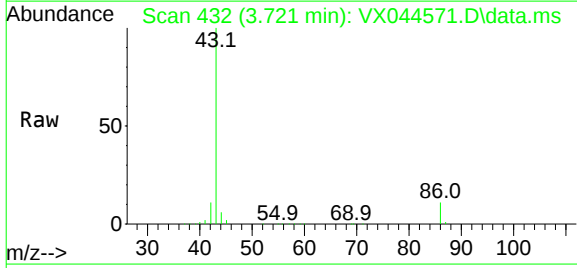
#23
 Vinyl Acetate
 Concen: 84.242 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02

Tgt Ion: 43 Resp: 454330
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.2

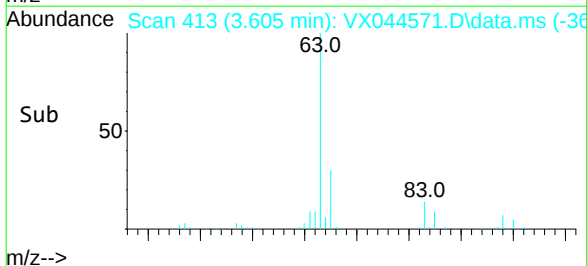
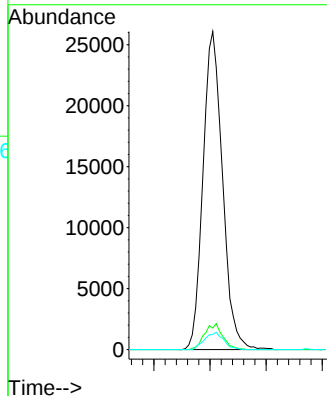
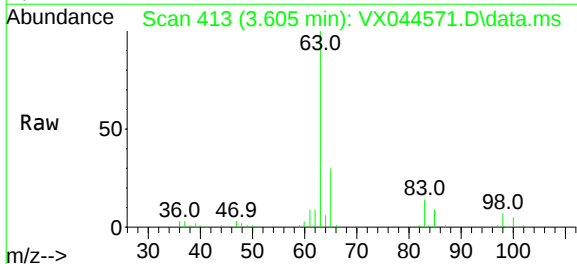
Manual Integrations
 APPROVED

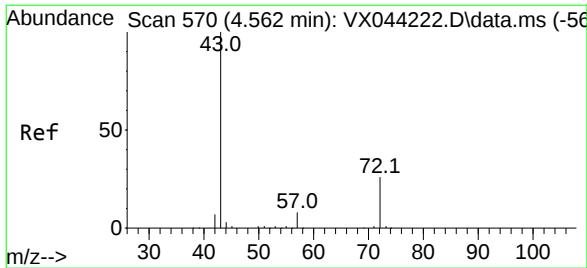
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#24
 1,1-Dichloroethane
 Concen: 17.039 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

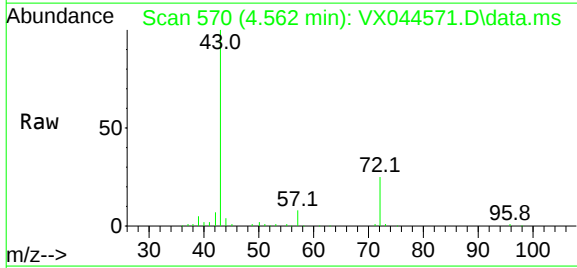
Tgt Ion: 63 Resp: 63004
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.7 2.1 6.3





#25
2-Butanone
Concen: 76.278 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

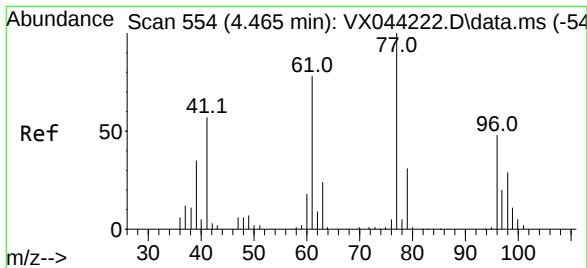
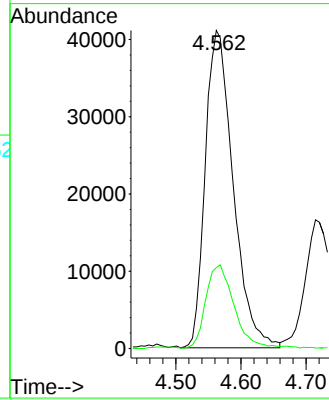
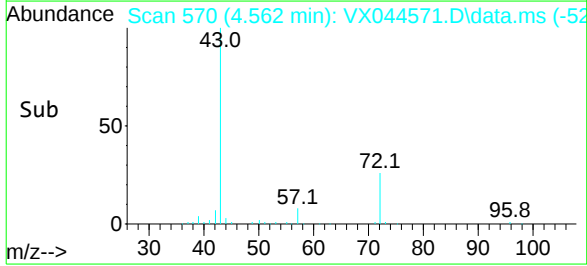
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion: 43 Resp: 122309
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

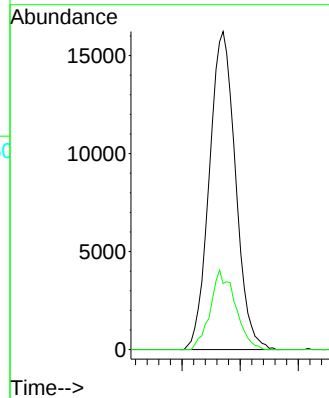
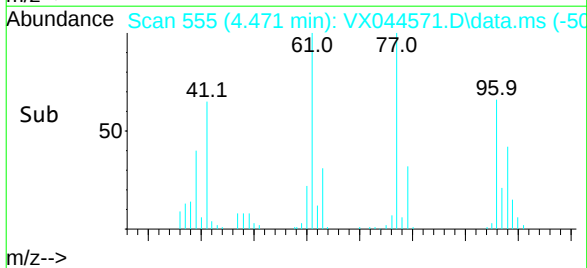
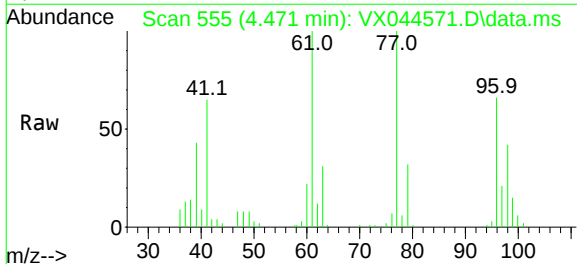
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#26
2,2-Dichloropropane
Concen: 16.906 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

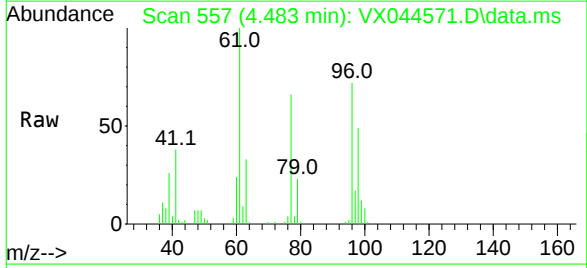
Tgt Ion: 77 Resp: 50785
Ion Ratio Lower Upper
77 100
97 23.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.301 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

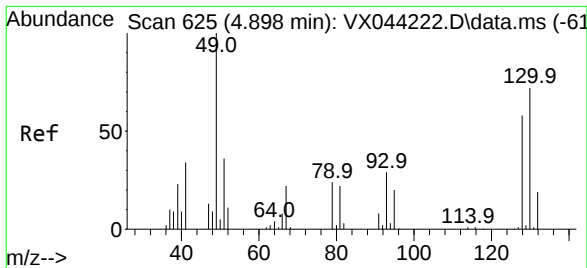
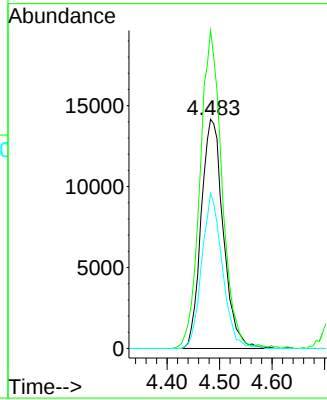
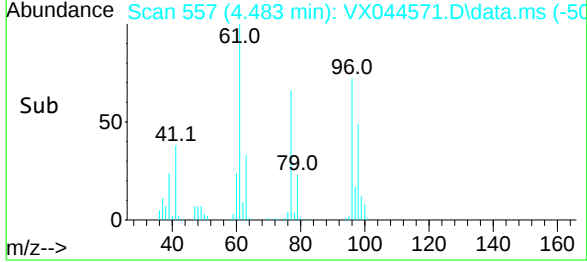
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS02



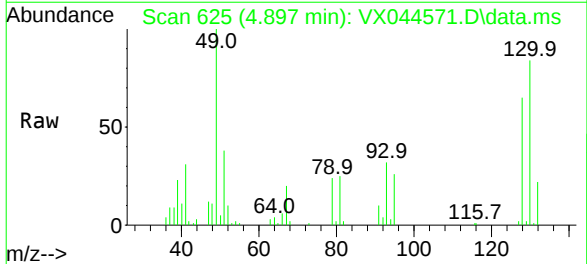
Tgt Ion: 96 Resp: 41301
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 299.0
 98 63.1 0.0 129.0

Manual Integrations
 APPROVED

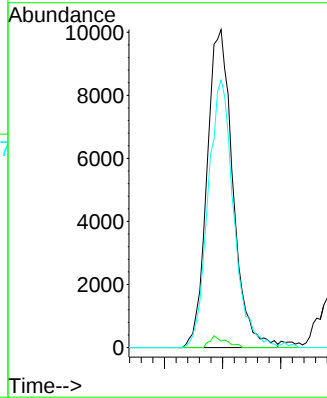
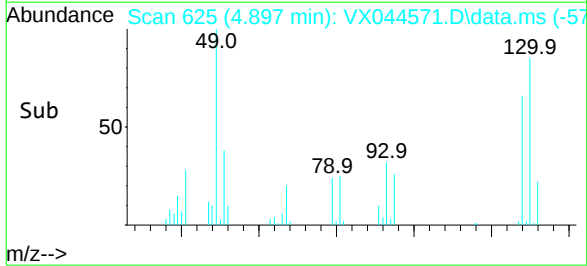
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025

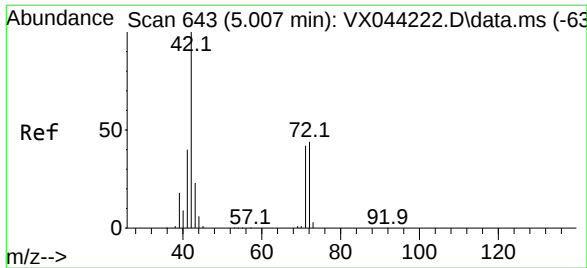


#28
 Bromochloromethane
 Concen: 17.178 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12



Tgt Ion: 49 Resp: 31147
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 83.2 62.1 93.1





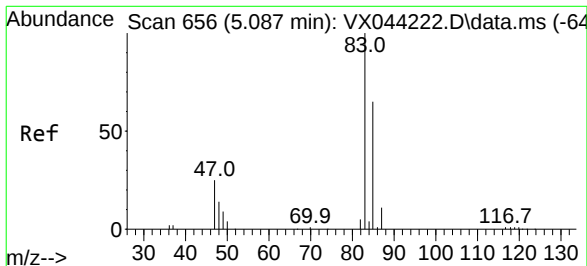
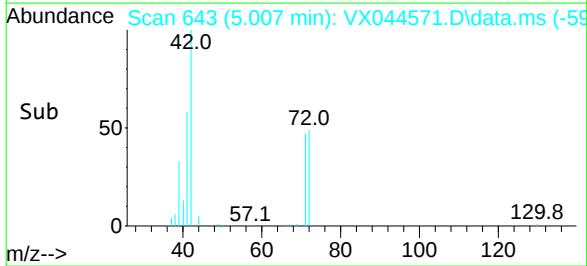
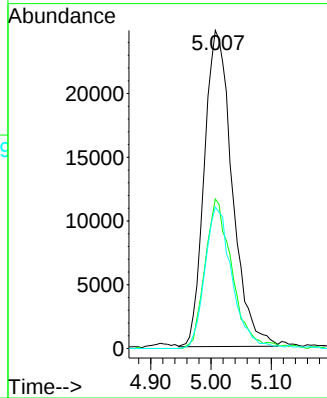
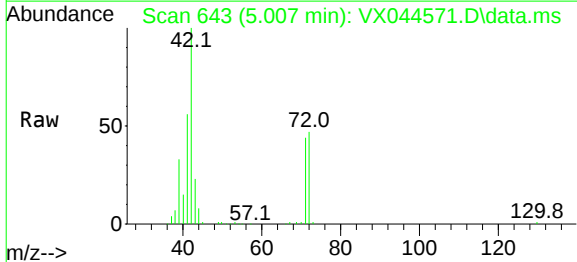
#29
Tetrahydrofuran
Concen: 77.614 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 42 Resp: 79881
Ion Ratio Lower Upper
42 100
72 46.3 37.0 55.6
71 43.5 33.6 50.4

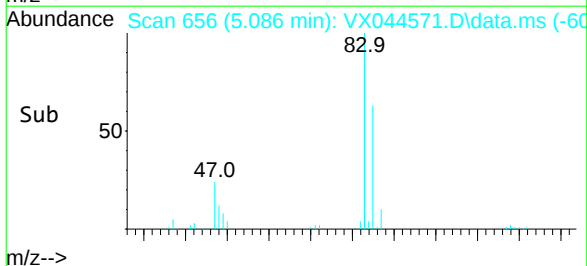
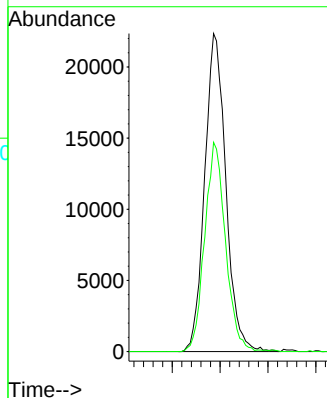
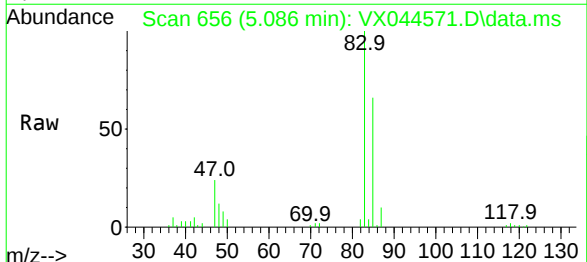
Manual Integrations
APPROVED

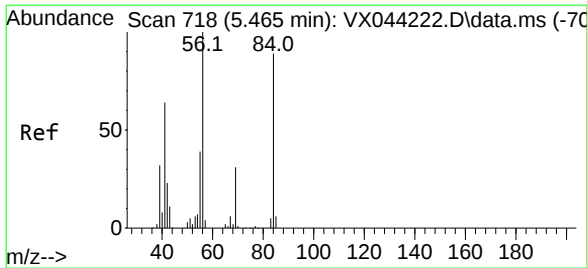
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#30
Chloroform
Concen: 16.495 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 83 Resp: 68529
Ion Ratio Lower Upper
83 100
85 65.8 51.6 77.4





#31

Cyclohexane

Concen: 16.498 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

Tgt Ion: 56 Resp: 49263

Ion Ratio Lower Upper

56 100

69 34.4 24.7 37.1

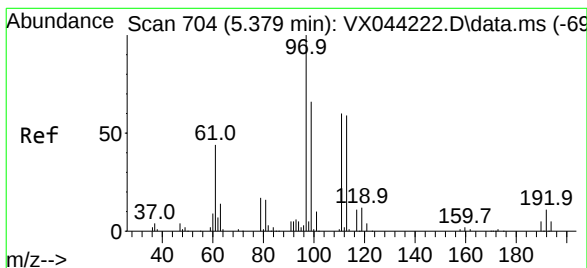
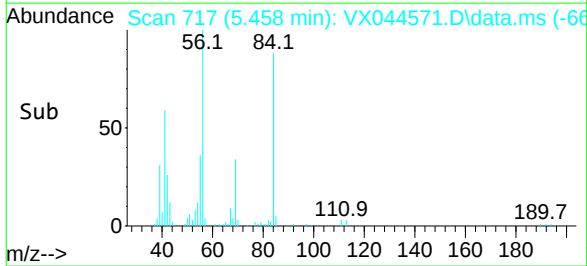
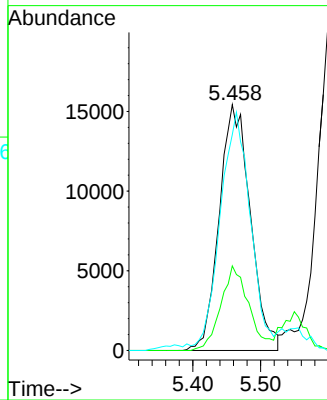
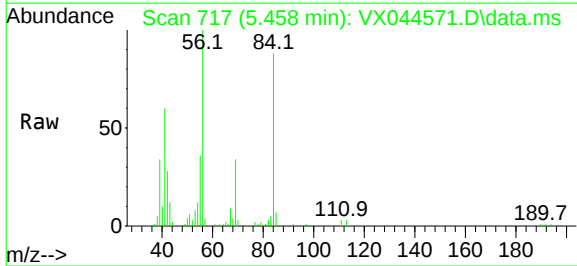
84 85.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#32

1,1,1-Trichloroethane

Concen: 16.578 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

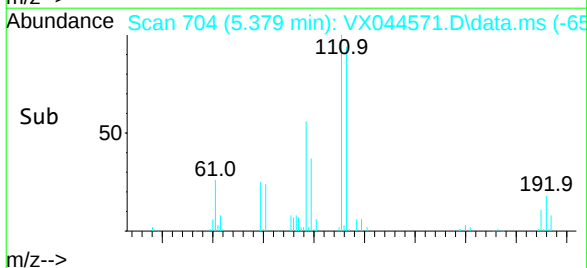
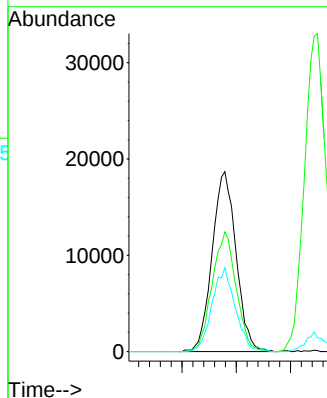
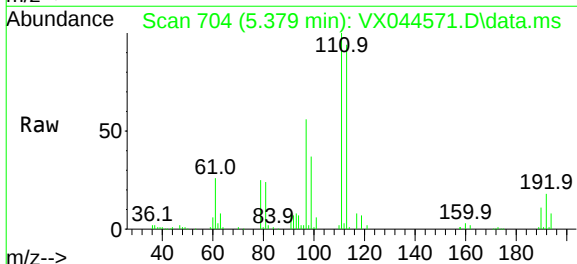
Tgt Ion: 97 Resp: 57172

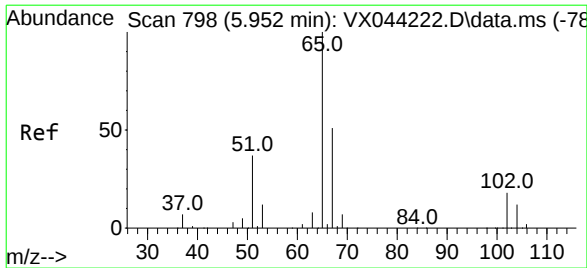
Ion Ratio Lower Upper

97 100

99 66.7 50.8 76.2

61 45.1 35.2 52.8





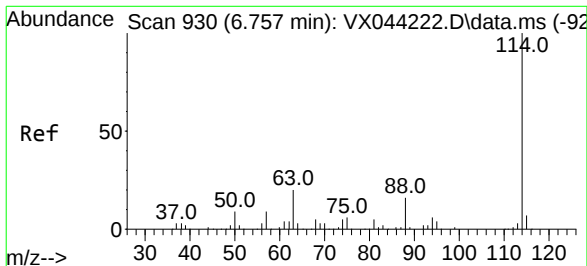
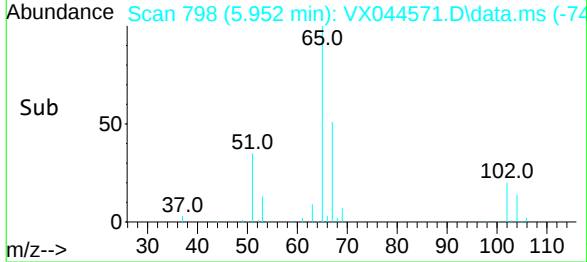
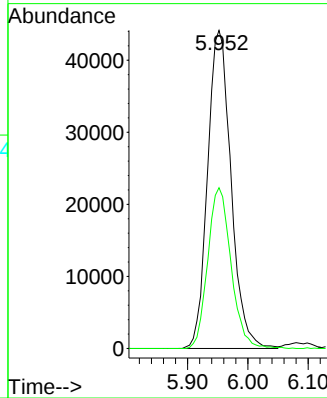
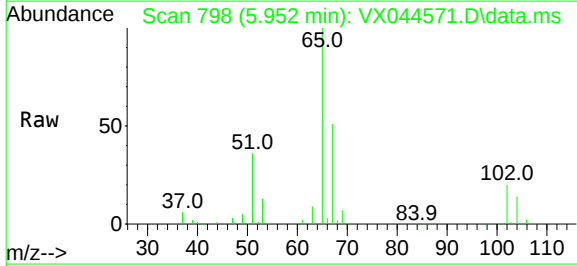
#33
1,2-Dichloroethane-d4
Concen: 43.096 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 65 Resp: 119228
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

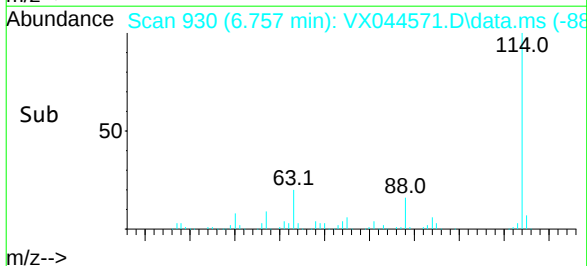
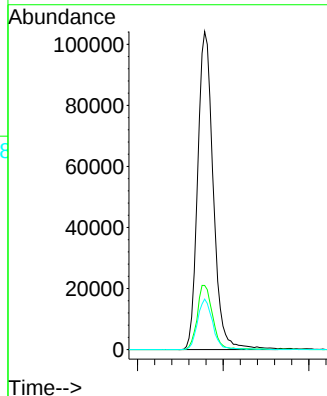
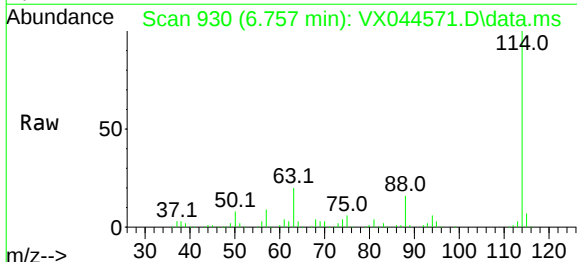
Manual Integrations
APPROVED

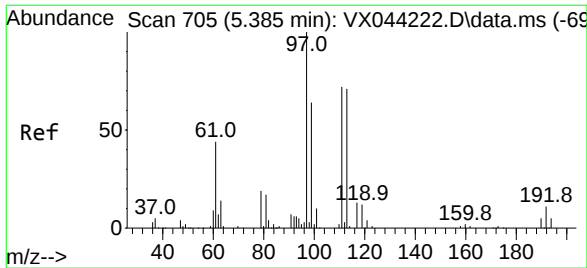
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

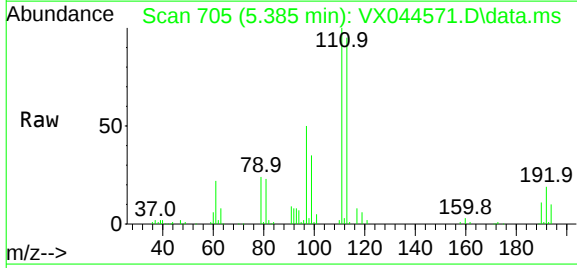
Tgt Ion:114 Resp: 262850
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.6
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

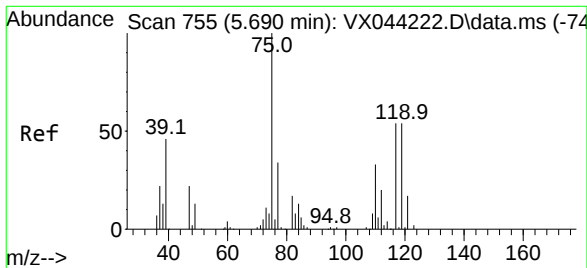
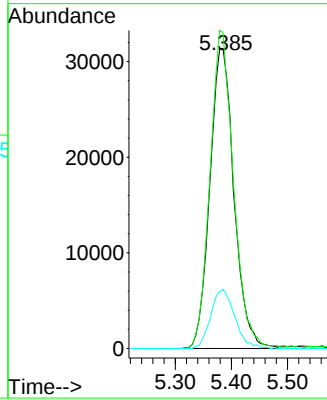
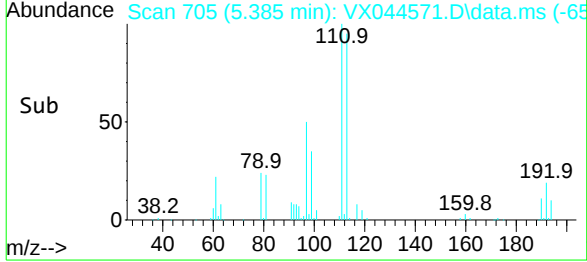
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion: 113 Resp: 93532
Ion Ratio Lower Upper
113 100
111 103.5 80.4 120.6
192 19.6 13.3 19.9

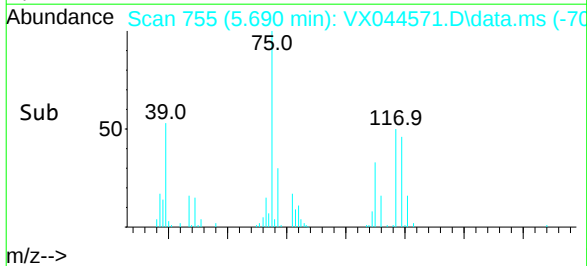
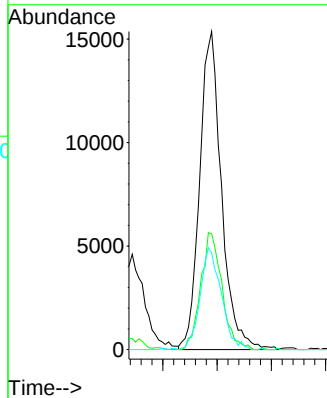
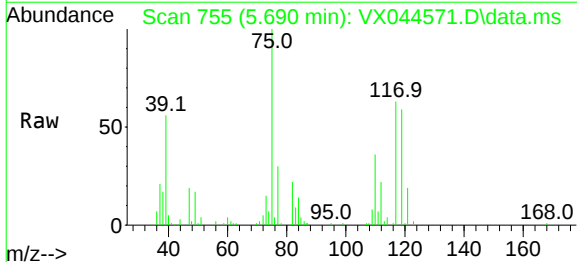
Manual Integrations
APPROVED

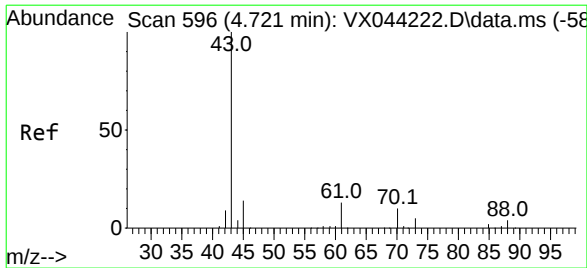
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025



#36
1,1-Dichloropropene
Concen: 18.269 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 75 Resp: 42990
Ion Ratio Lower Upper
75 100
110 35.8 17.3 51.7
77 31.0 25.4 38.0





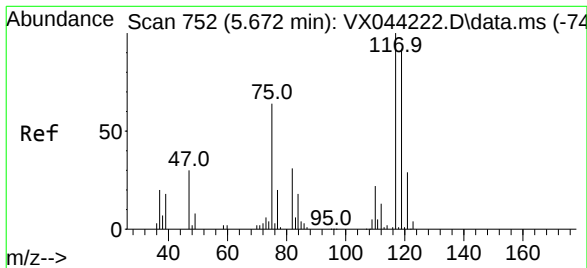
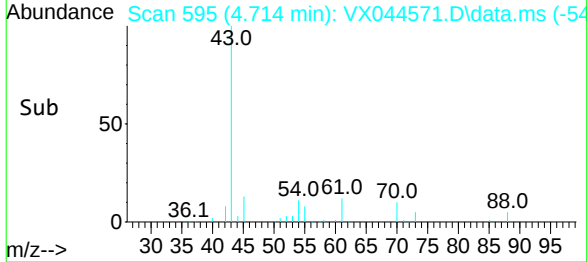
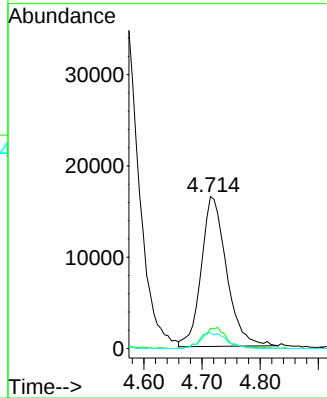
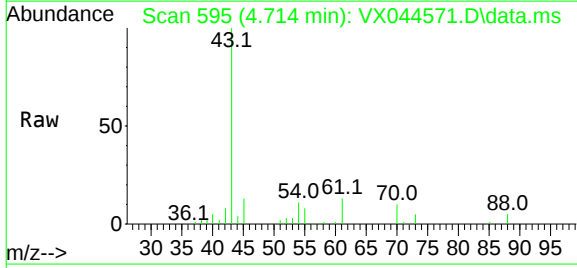
#37
Ethyl Acetate
Concen: 17.019 ug/l
RT: 4.714 min Scan# 59
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.8	14.8
70	11.0	7.7	11.5

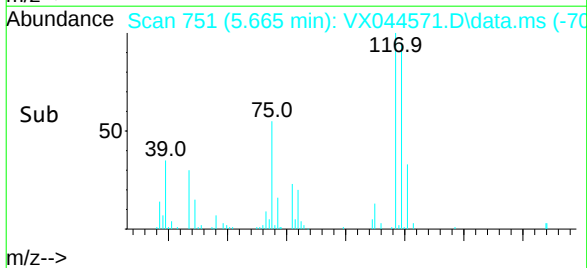
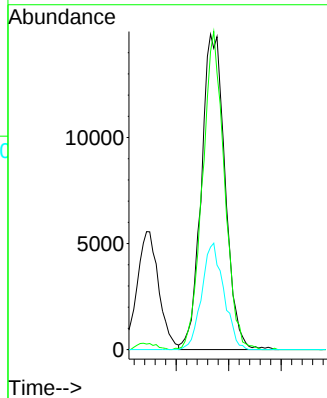
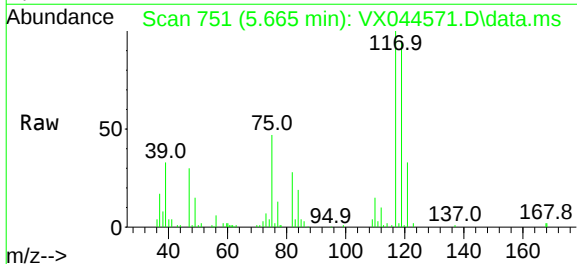
Manual Integrations
APPROVED

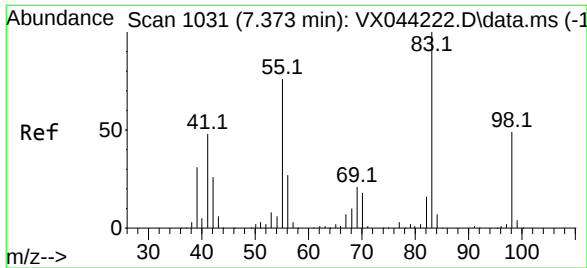
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#38
Carbon Tetrachloride
Concen: 18.434 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.2	111.4
121	32.5	23.0	34.6





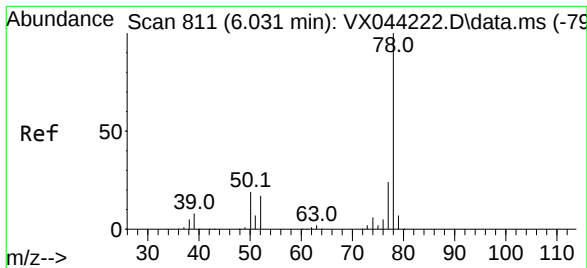
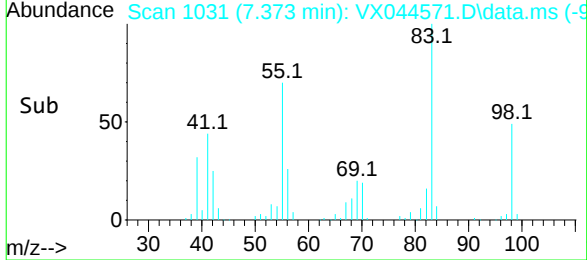
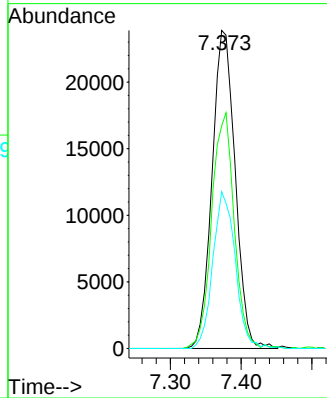
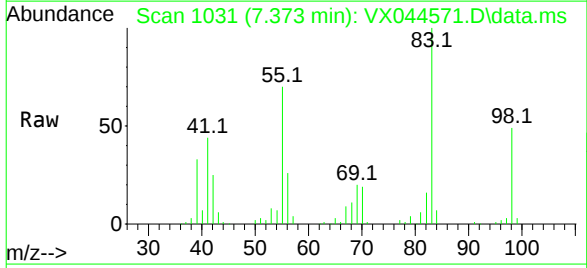
#39
Methylcyclohexane
Concen: 19.245 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 83 Resp: 54140
Ion Ratio Lower Upper
83 100
55 70.0 60.7 91.1
98 49.3 38.9 58.3

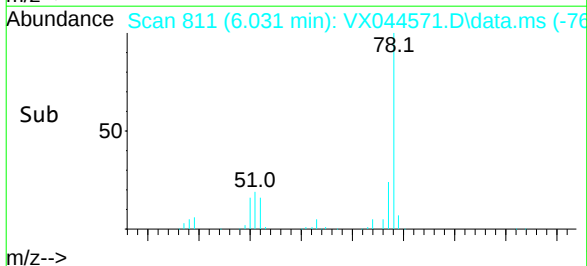
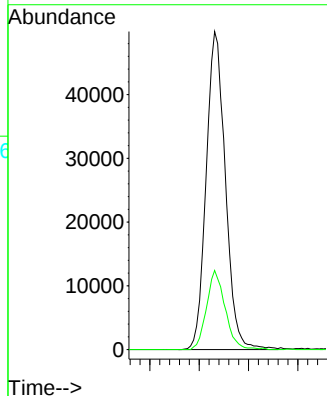
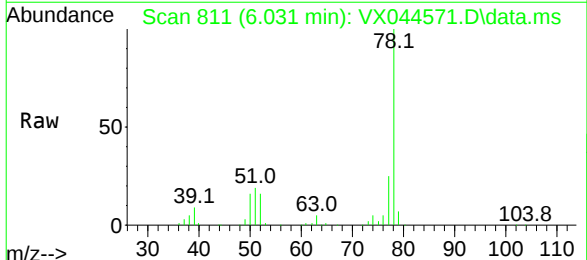
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#40
Benzene
Concen: 18.899 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 78 Resp: 135026
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9





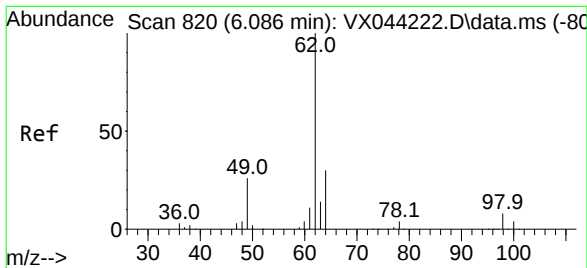
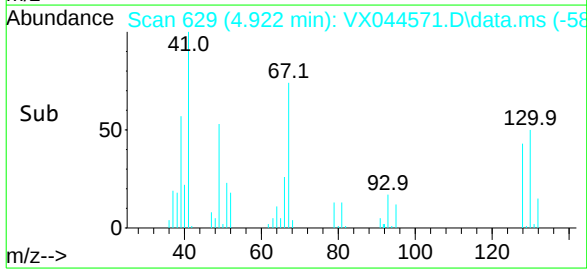
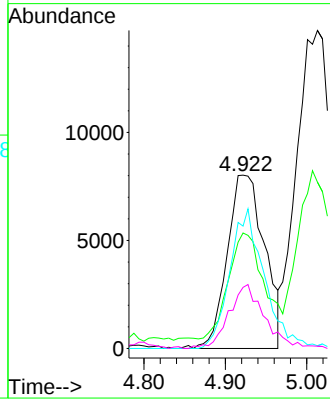
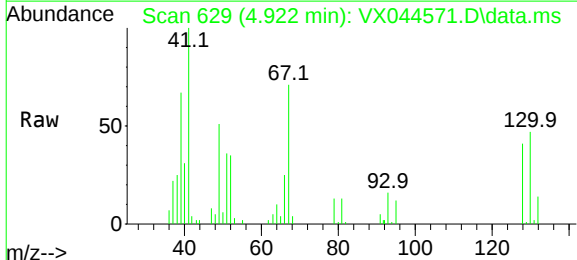
#41
Methacrylonitrile
Concen: 16.618 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion:	41	Resp:	25668
Ion	Ratio	Lower	Upper
41	100		
39	59.5	44.2	66.4
67	74.9	57.2	85.8
52	35.3	24.6	37.0

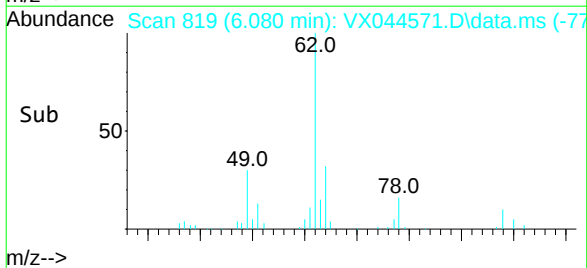
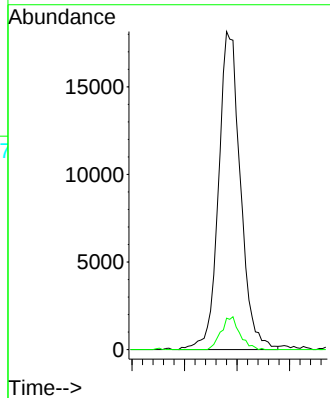
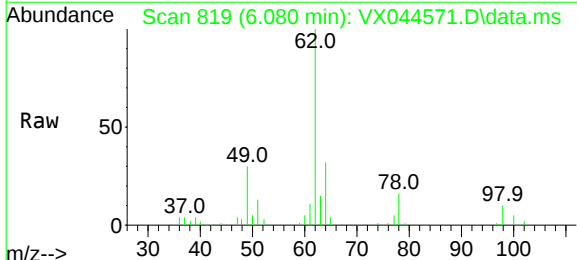
Manual Integrations
APPROVED

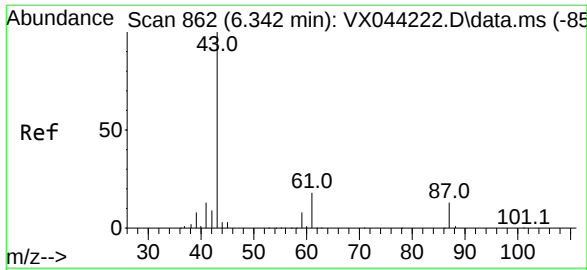
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#42
1,2-Dichloroethane
Concen: 17.878 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion:	62	Resp:	52618
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 16.537 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

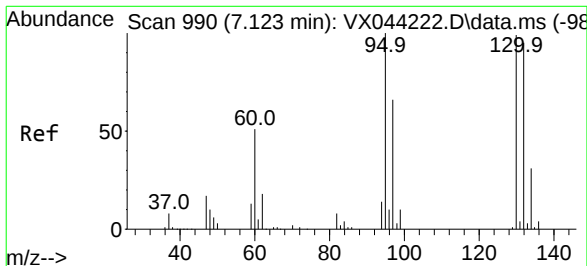
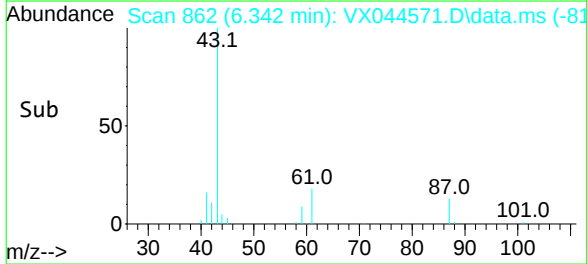
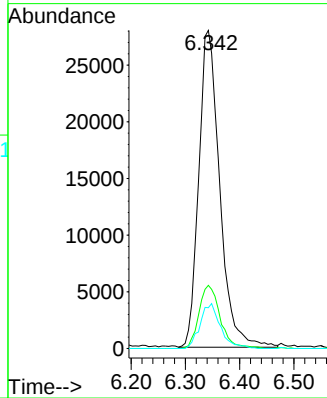
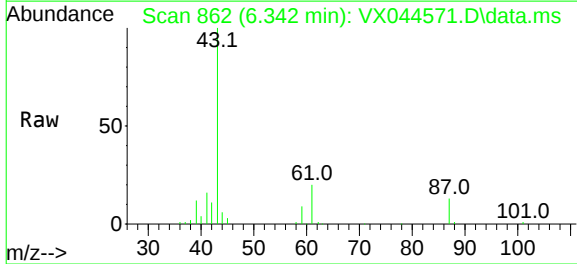
Tgt Ion:	43	Resp:	75184
Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.2	21.2
87	13.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#44

Trichloroethene

Concen: 19.109 ug/l

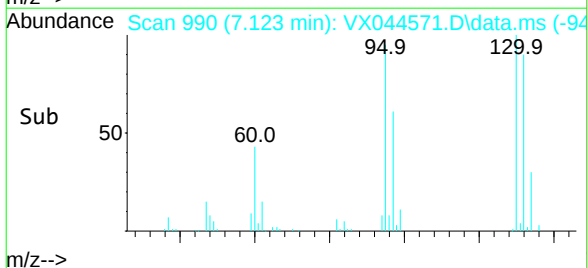
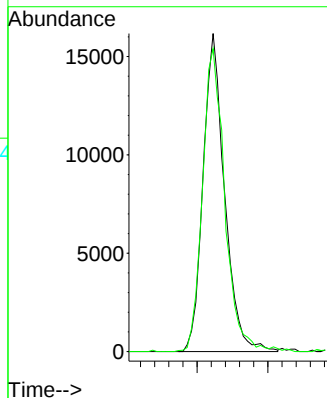
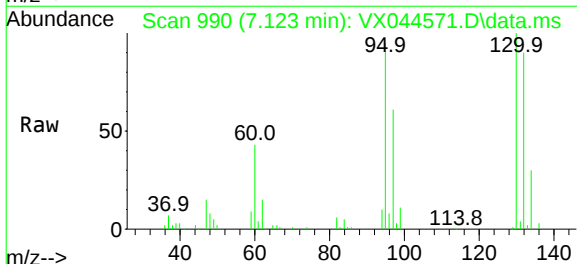
RT: 7.123 min Scan# 990

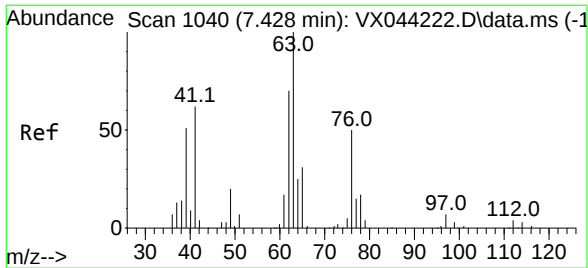
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

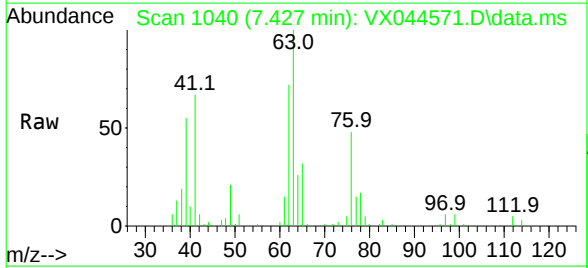
Tgt Ion:	130	Resp:	34047
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	201.4





#45
1,2-Dichloropropane
Concen: 17.194 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

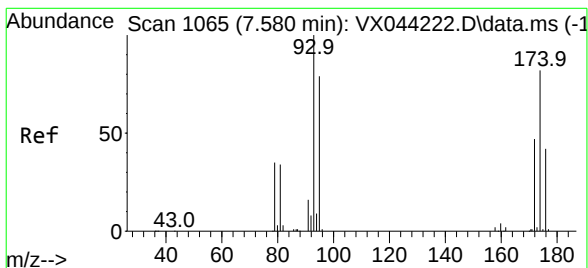
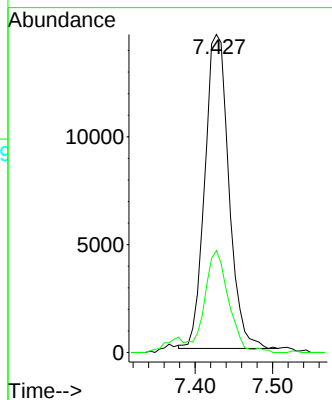
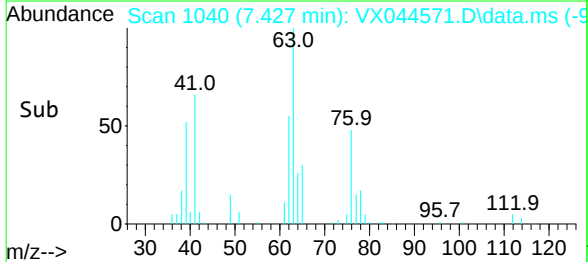
Instrument : MSVOA_X
ClientSampleId : VX1231WBS02



Tgt Ion: 63 Resp: 31386
Ion Ratio Lower Upper
63 100
65 32.4 24.6 37.0

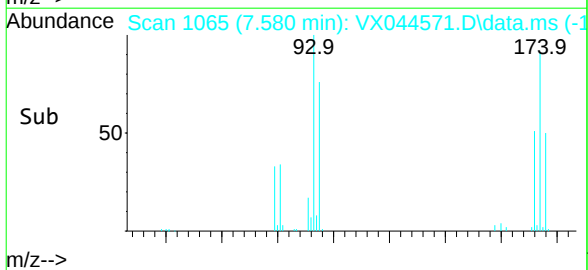
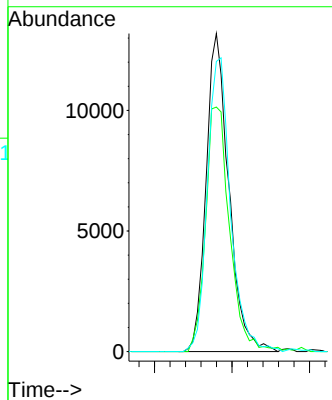
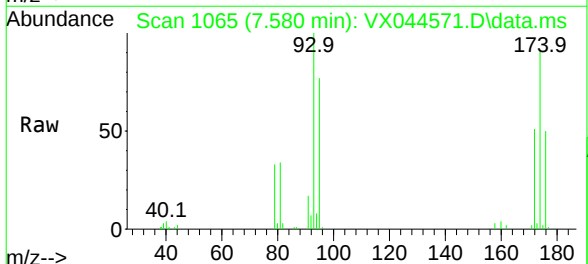
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#46
Dibromomethane
Concen: 18.962 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 93 Resp: 26852
Ion Ratio Lower Upper
93 100
95 81.6 65.4 98.2
174 94.5 67.9 101.9





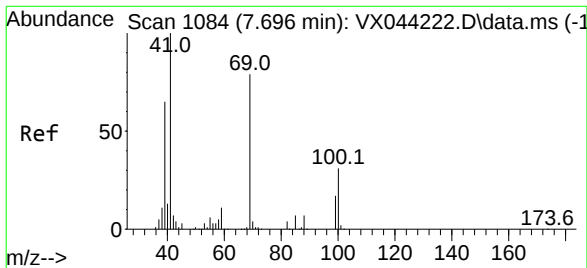
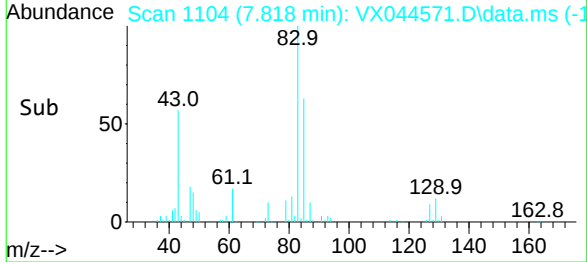
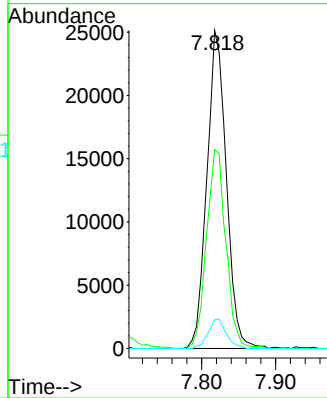
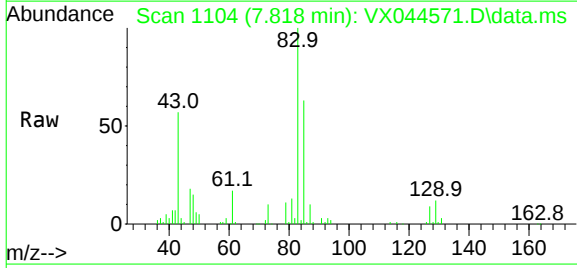
#47
Bromodichloromethane
Concen: 18.804 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 83 Resp: 45988
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8
127 9.1 7.3 10.9

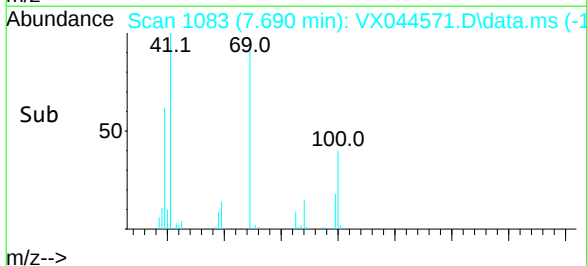
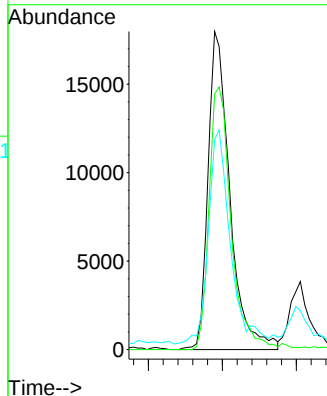
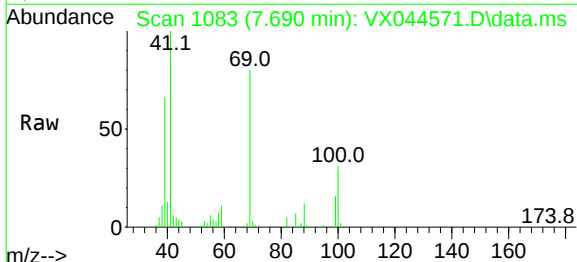
Manual Integrations
APPROVED

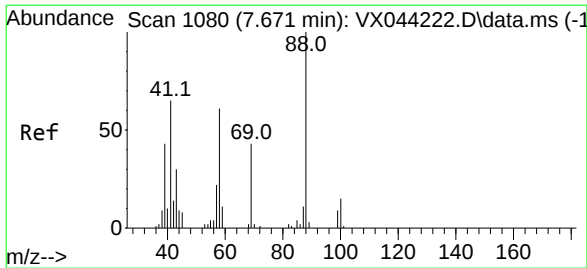
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#48
Methyl methacrylate
Concen: 16.635 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

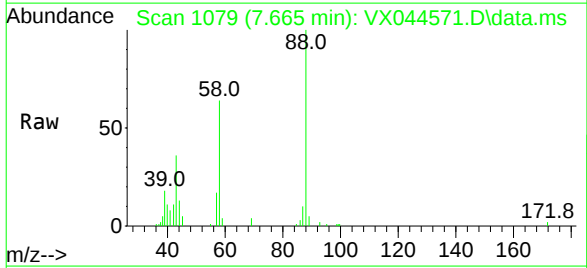
Tgt Ion: 41 Resp: 36713
Ion Ratio Lower Upper
41 100
69 83.3 62.4 93.6
39 67.5 53.3 79.9





#49
1,4-Dioxane
Concen: 288.949 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

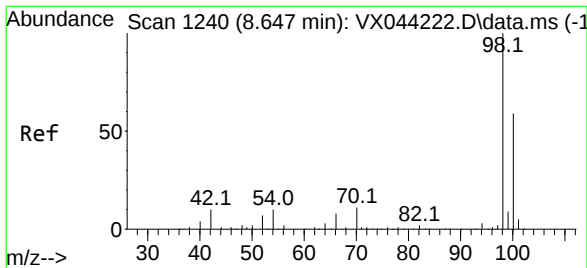
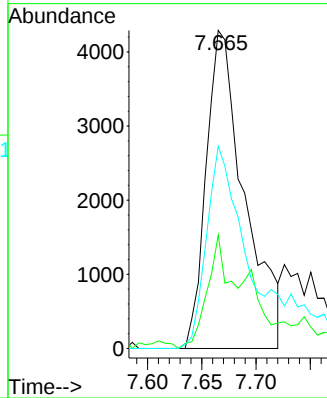
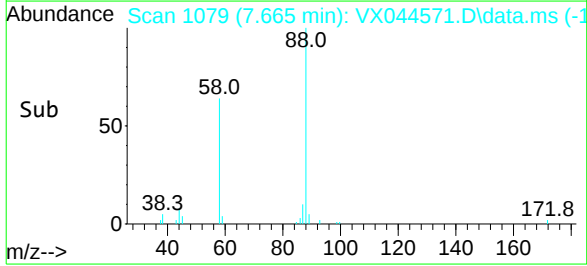
Instrument : MSVOA_X
ClientSampleId : VX1231WBS02



Tgt Ion: 88 Resp: 10573
Ion Ratio Lower Upper
88 100
43 21.8 27.1 40.7#
58 79.3 41.0 61.4#

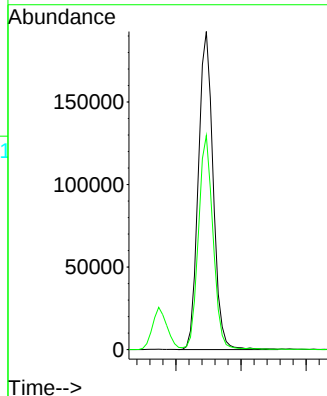
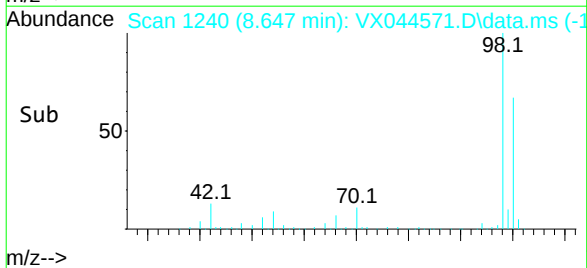
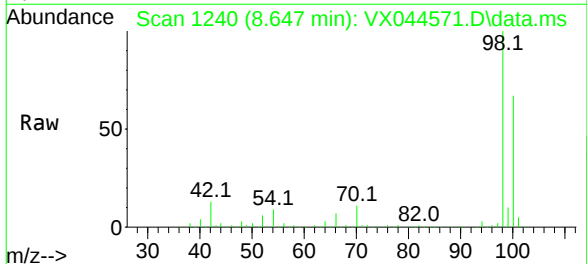
Manual Integrations
APPROVED

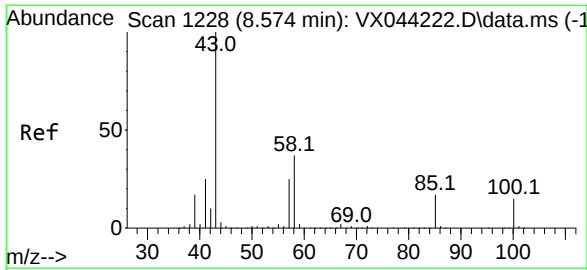
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#50
Toluene-d8
Concen: 49.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 98 Resp: 303964
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3





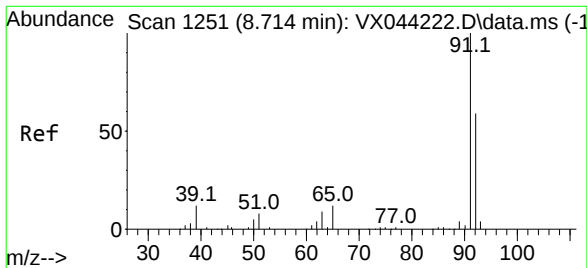
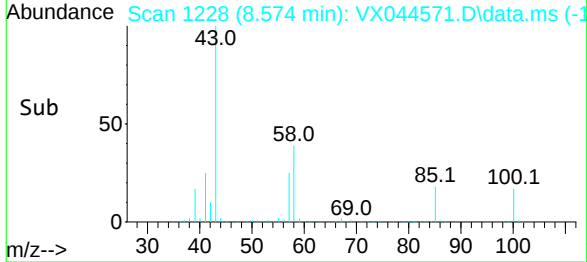
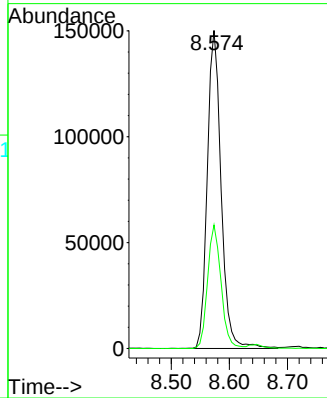
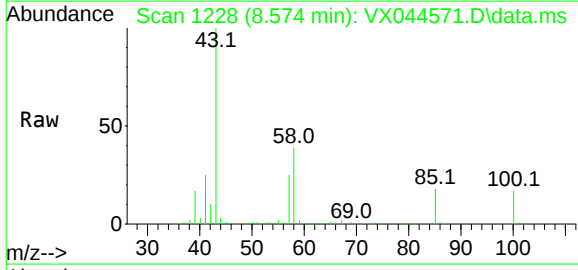
#51
4-Methyl-2-Pentanone
Concen: 84.804 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 43 Resp: 247908
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.0

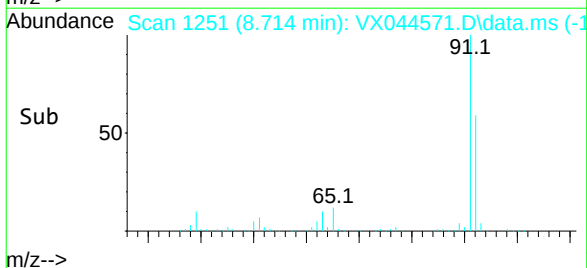
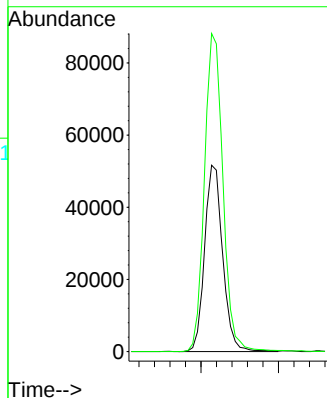
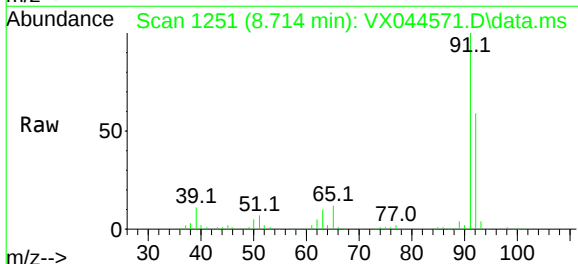
Manual Integrations
APPROVED

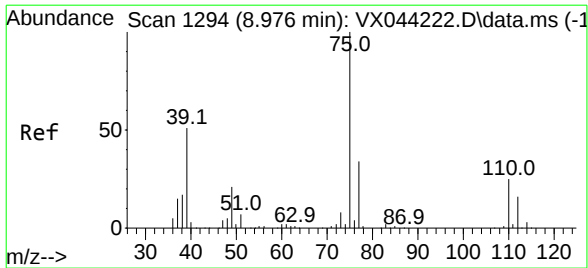
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#52
Toluene
Concen: 18.669 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 92 Resp: 83762
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





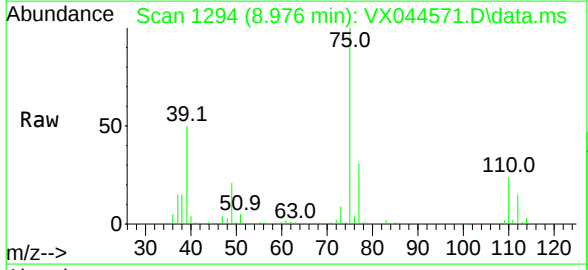
#53
 t-1,3-Dichloropropene
 Concen: 17.763 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

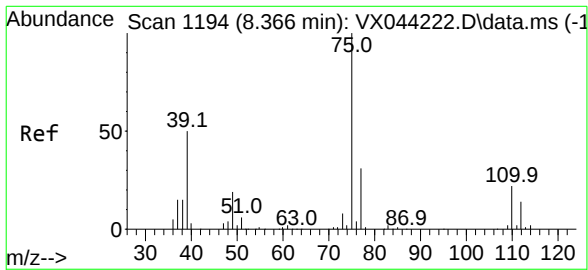
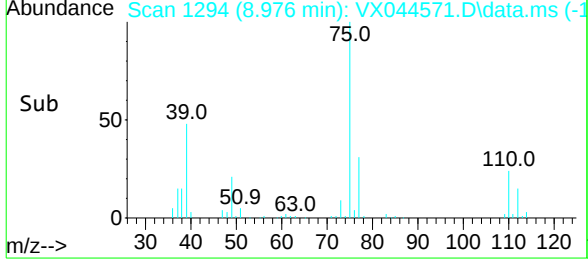
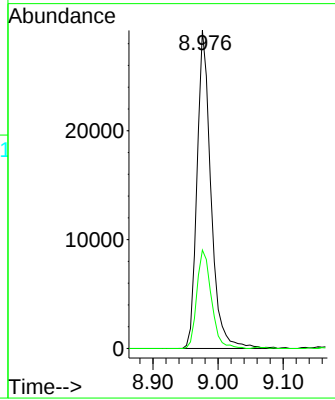


Tgt Ion: 75 Resp: 43434
 Ion Ratio Lower Upper
 75 100
 77 30.9 27.2 40.8

Manual Integrations

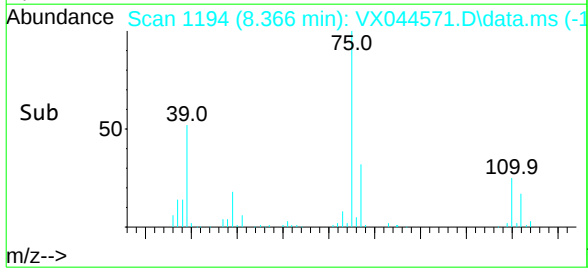
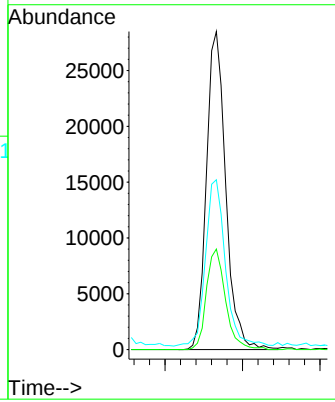
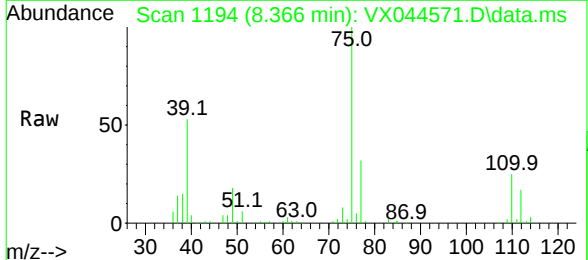
APPROVED

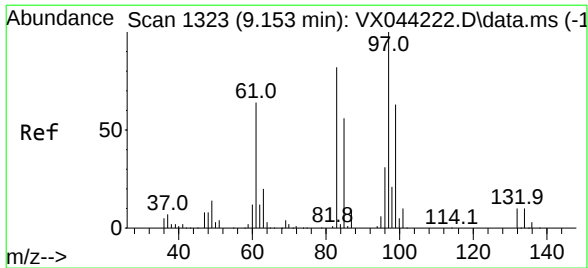
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.516 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

Tgt Ion: 75 Resp: 49307
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.7 37.1
 39 51.9 40.3 60.5





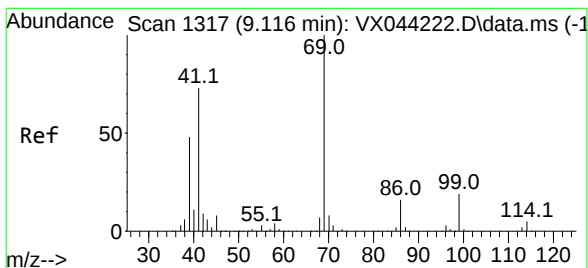
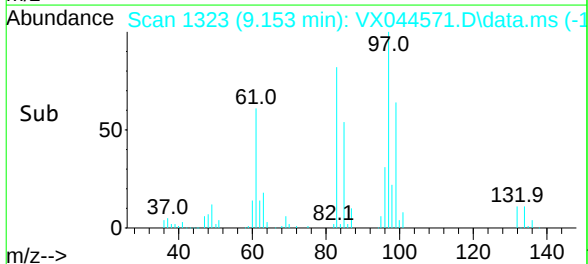
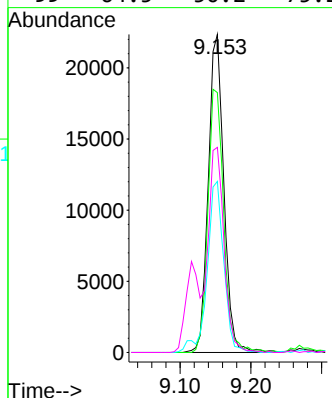
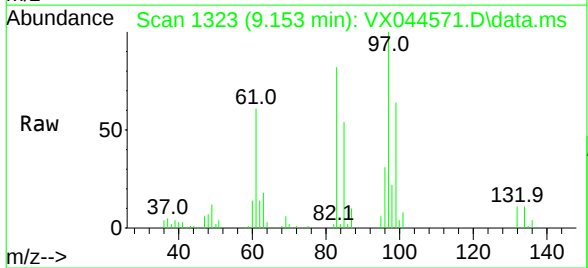
#55
 1,1,2-Trichloroethane
 Concen: 19.187 ug/l
 RT: 9.153 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

Instrument : MSVOA_X
 ClientSampleId : VX1231WBS02

Tgt Ion:	97	Resp:	34200
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.3	97.9
85	53.6	44.6	67.0
99	64.5	50.2	75.2

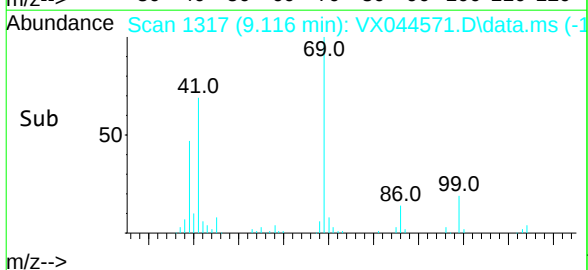
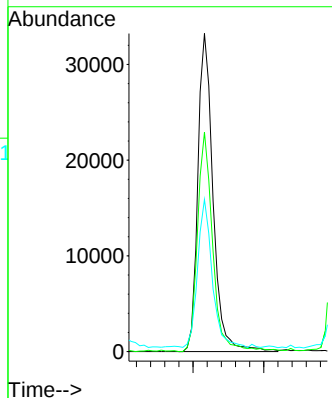
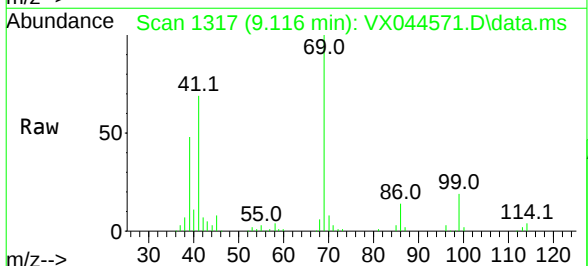
Manual Integrations
 APPROVED

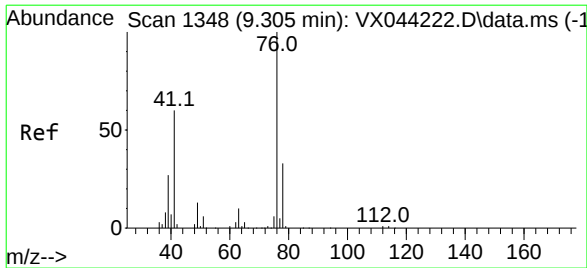
Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#56
 Ethyl methacrylate
 Concen: 17.589 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX044571.D
 Acq: 31 Dec 2024 11:12

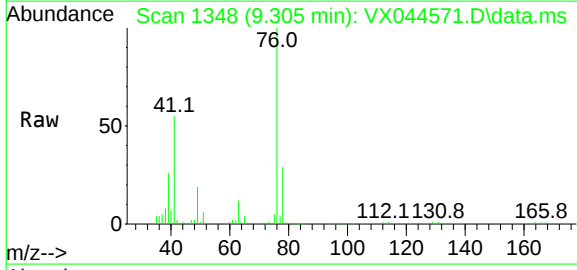
Tgt Ion:	69	Resp:	49494
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.6	85.0
39	44.9	37.4	56.0





#57
1,3-Dichloropropane
Concen: 18.578 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

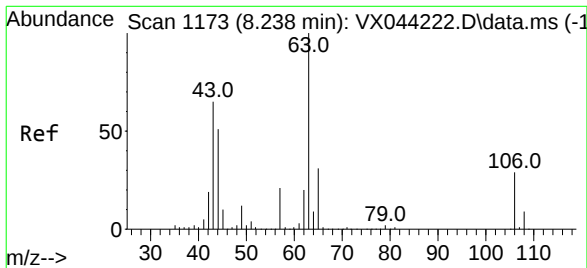
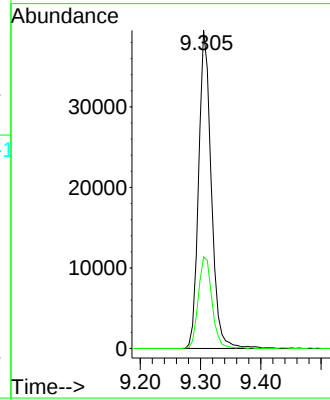
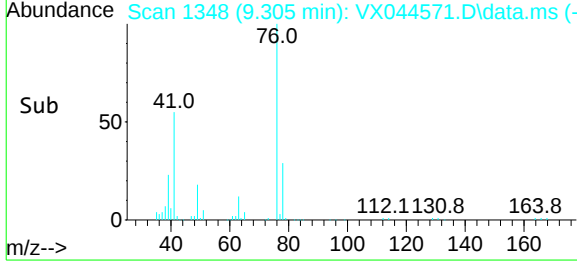
Instrument : MSVOA_X
ClientSampleId : VX1231WBS02



Tgt Ion: 76 Resp: 57637
Ion Ratio Lower Upper
76 100
78 31.0 26.5 39.7

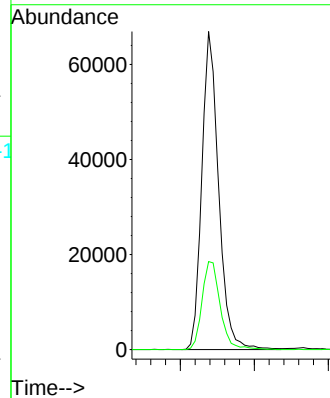
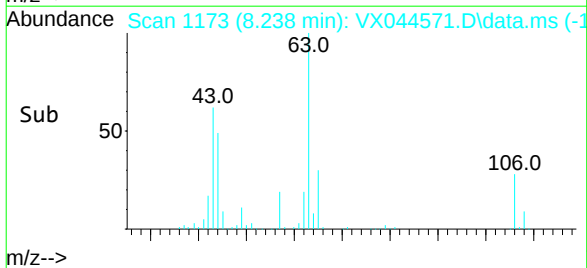
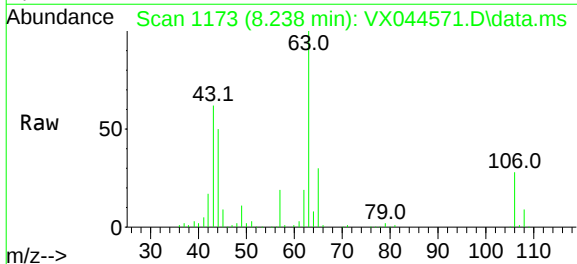
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 74.352 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 63 Resp: 105524
Ion Ratio Lower Upper
63 100
106 29.9 22.8 34.2





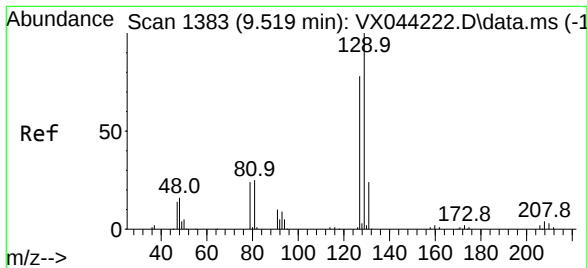
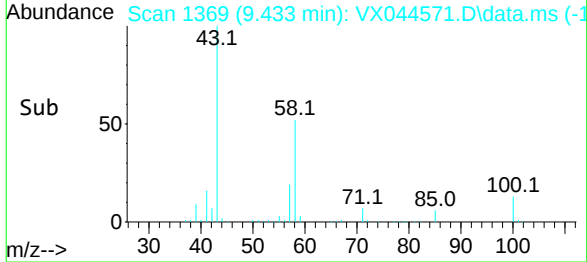
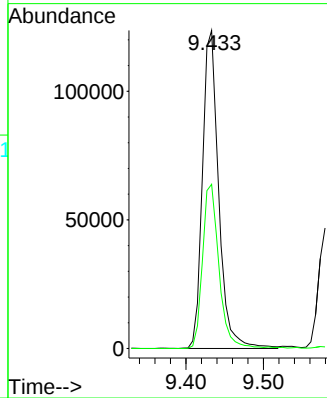
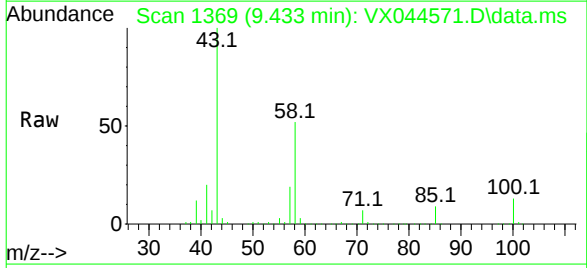
#59
2-Hexanone
Concen: 84.919 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 43 Resp: 179685
Ion Ratio Lower Upper
43 100
58 52.6 25.7 77.0

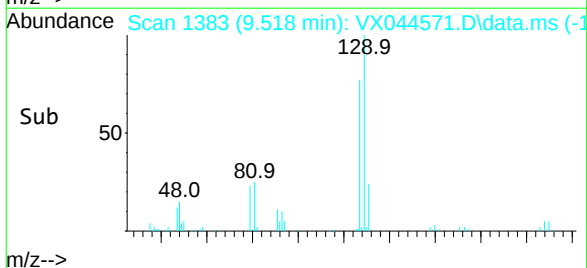
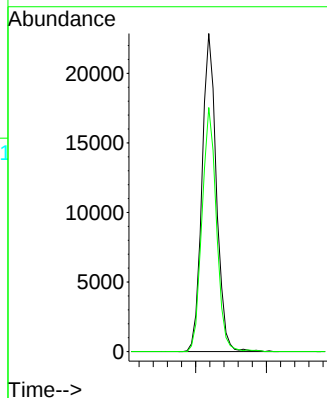
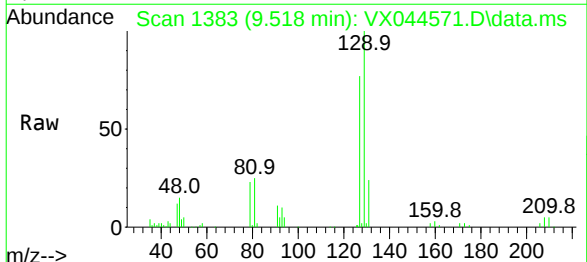
Manual Integrations
APPROVED

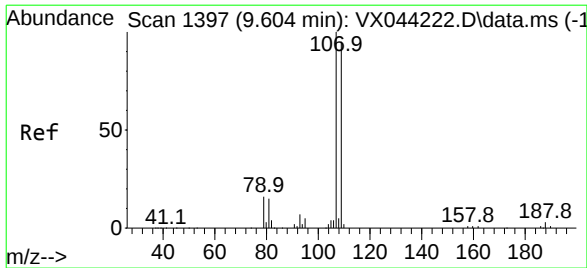
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#60
Dibromochloromethane
Concen: 18.428 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

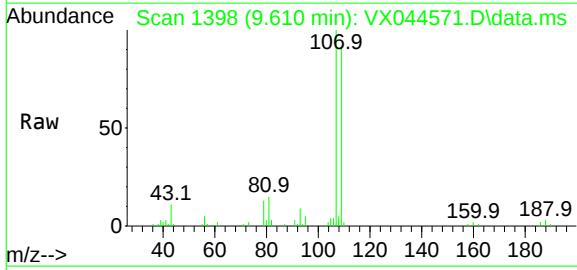
Tgt Ion:129 Resp: 32332
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.399 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

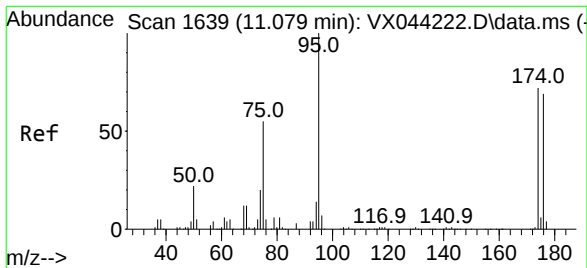
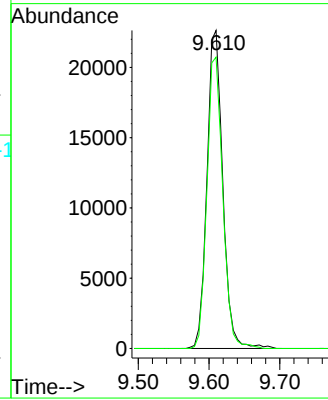
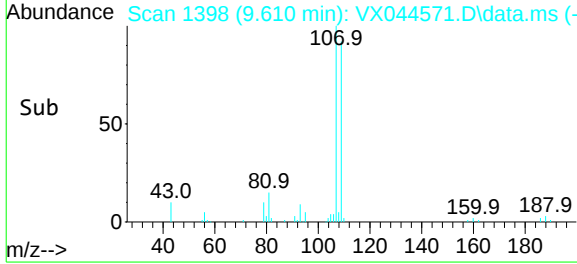
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



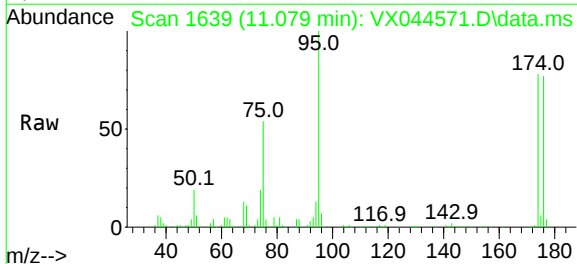
Tgt Ion: 107 Resp: 35197
Ion Ratio Lower Upper
107 100
109 91.9 77.0 115.4

Manual Integrations
APPROVED

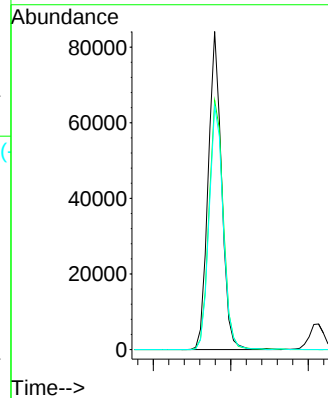
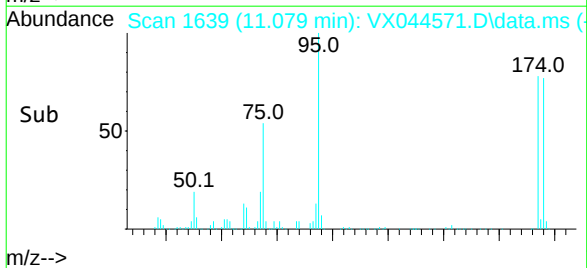
Reviewed By : John Carlone 01/02/2025
Supervised By : Mahesh Dadoda 01/02/2025

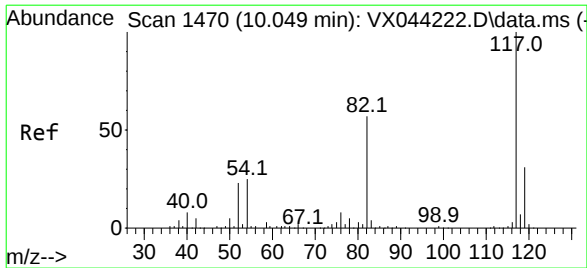


#62
4-Bromofluorobenzene
Concen: 47.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12



Tgt Ion: 95 Resp: 100980
Ion Ratio Lower Upper
95 100
174 83.6 0.0 145.8
176 80.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

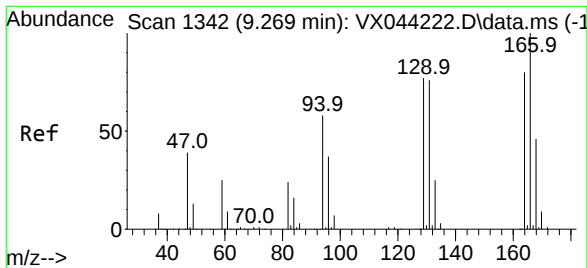
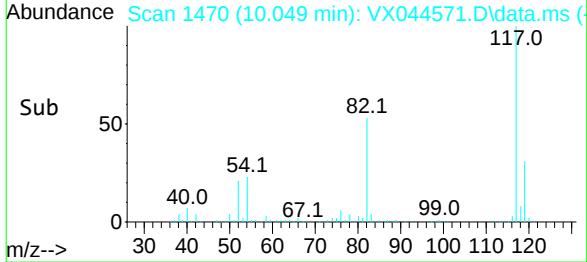
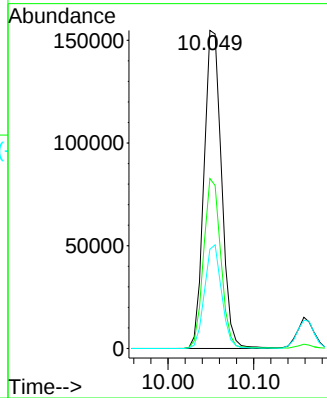
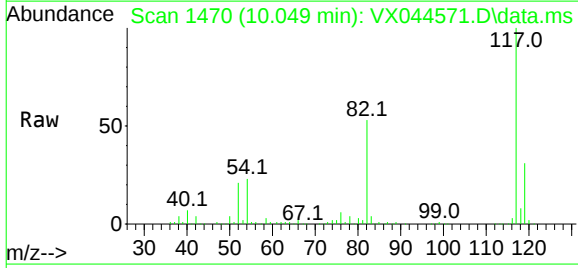
Tgt Ion:	117	Resp:	220076
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.8	68.8
119	31.2	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#64

Tetrachloroethene

Concen: 21.803 ug/l

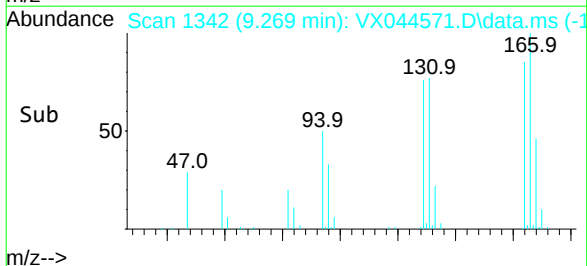
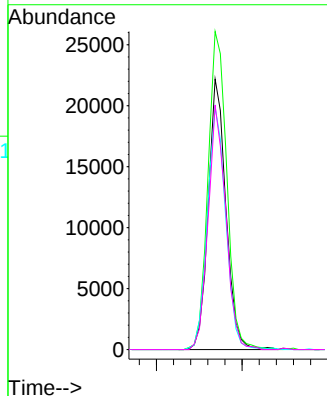
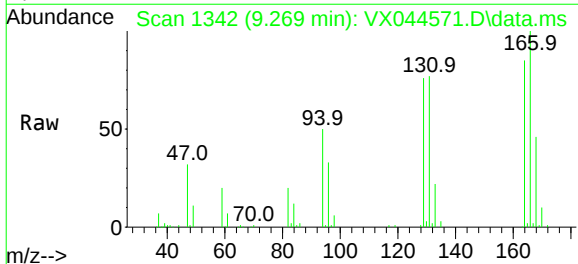
RT: 9.269 min Scan# 1342

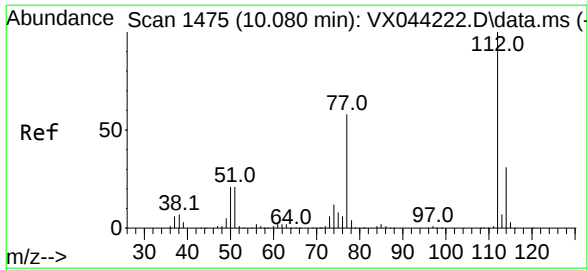
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Tgt Ion:	164	Resp:	31847
Ion	Ratio	Lower	Upper
164	100		
166	117.6	100.4	150.6
129	89.5	77.2	115.8
131	90.3	76.2	114.2





#65

Chlorobenzene

Concen: 19.304 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

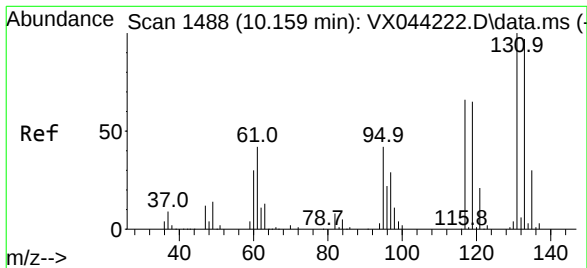
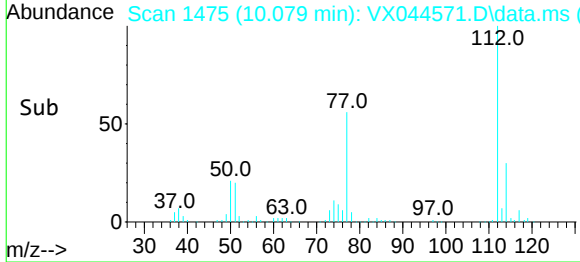
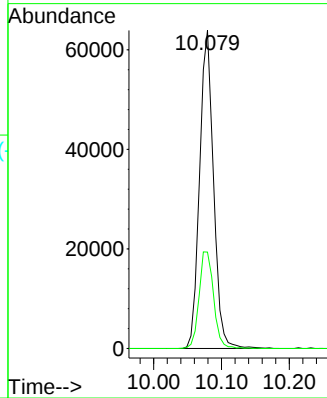
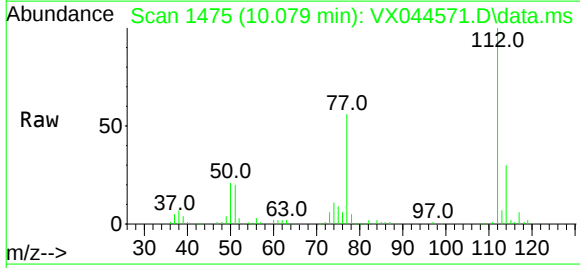
ClientSampleId :

VX1231WBS02

Tgt Ion:112 Resp: 91033
 Ion Ratio Lower Upper
 112 100
 114 30.3 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/02/2025
 Supervised By :Mahesh Dadoda 01/02/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.644 ug/l

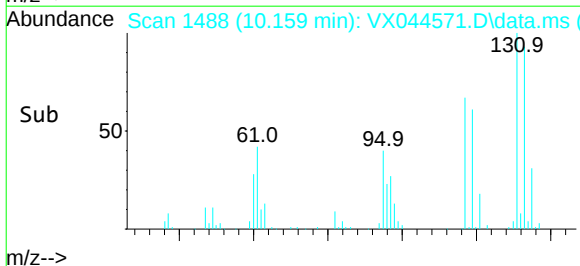
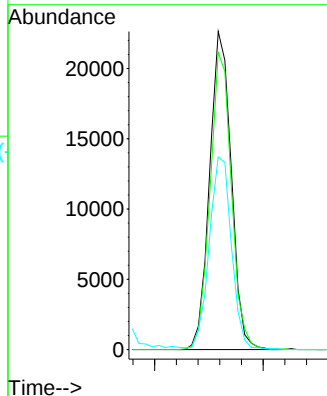
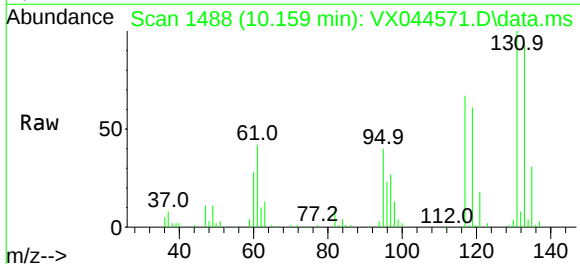
RT: 10.159 min Scan# 1488

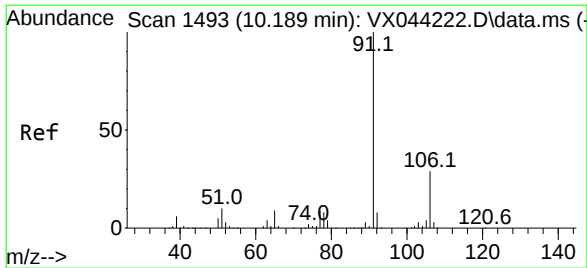
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Tgt Ion:131 Resp: 31287
 Ion Ratio Lower Upper
 131 100
 133 92.5 47.3 141.8
 119 62.4 31.6 95.0





#67

Ethyl Benzene

Concen: 18.984 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

Tgt Ion: 91 Resp: 154680

Ion Ratio Lower Upper

91 100

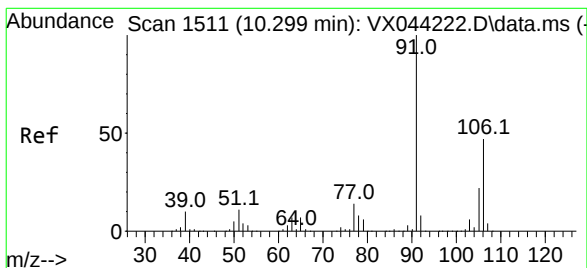
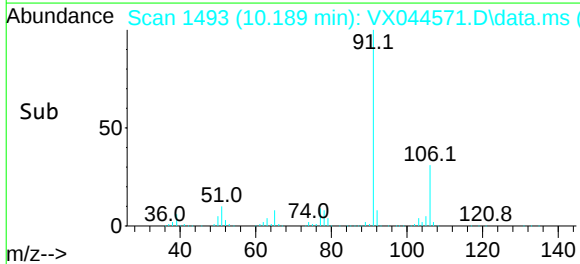
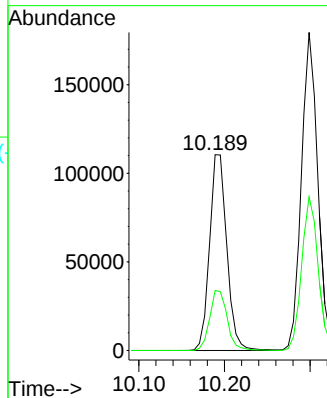
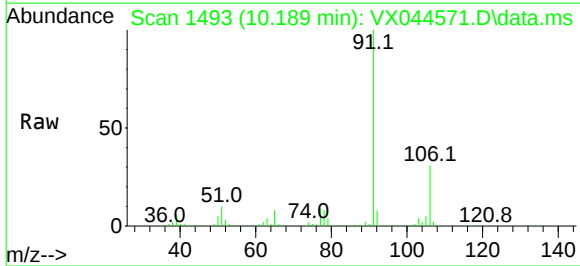
106 30.7 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#68

m/p-Xylenes

Concen: 39.337 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044571.D

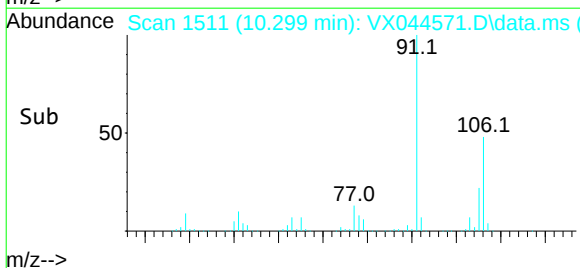
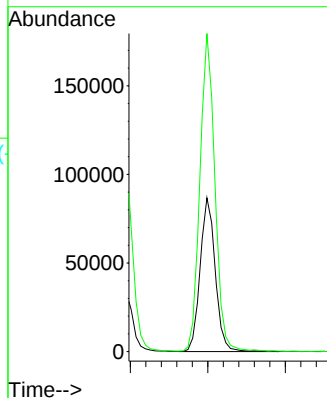
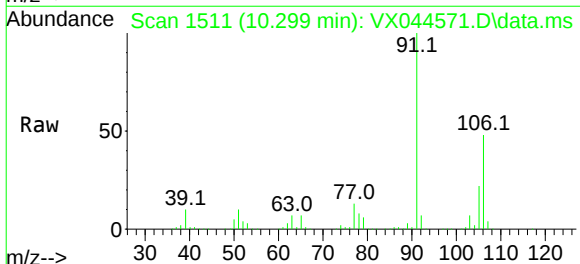
Acq: 31 Dec 2024 11:12

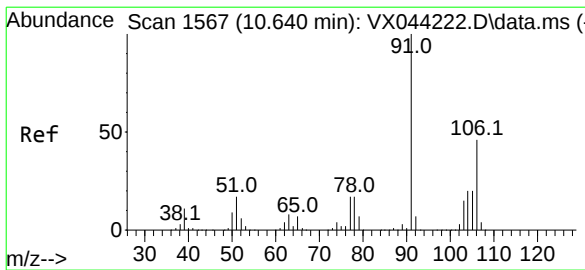
Tgt Ion:106 Resp: 117612

Ion Ratio Lower Upper

106 100

91 204.8 170.2 255.2





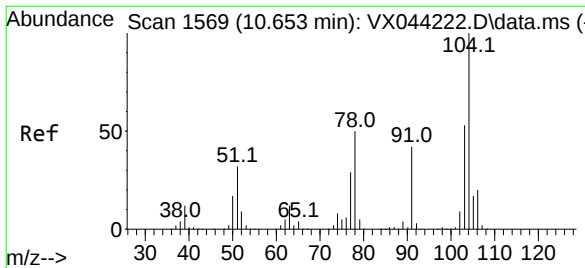
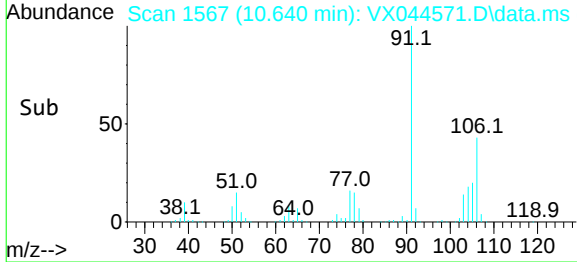
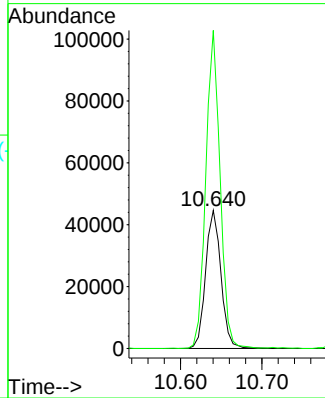
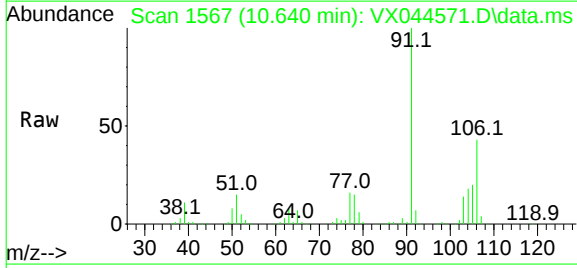
#69
o-Xylene
Concen: 19.317 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion:106 Resp: 58437
Ion Ratio Lower Upper
106 100
91 214.3 112.3 337.0

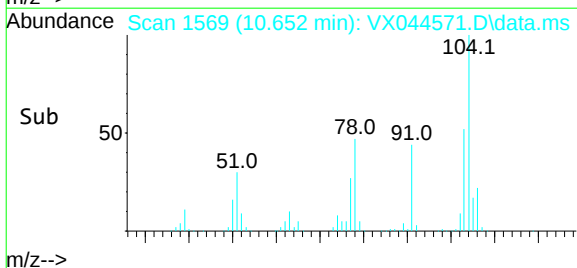
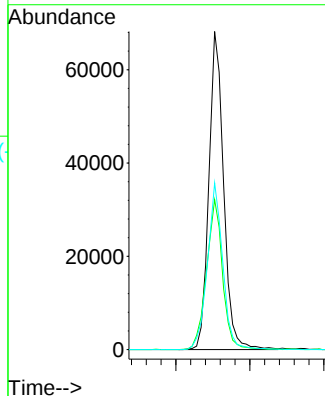
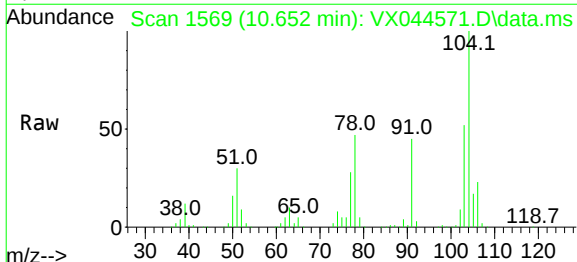
Manual Integrations
APPROVED

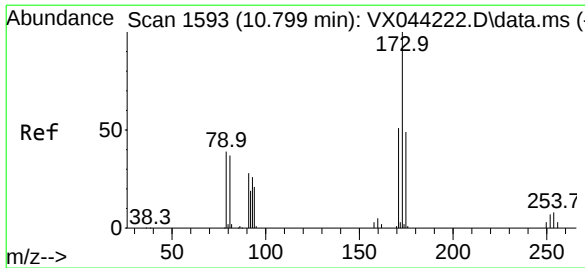
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#70
Styrene
Concen: 19.481 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion:104 Resp: 94475
Ion Ratio Lower Upper
104 100
78 51.5 44.6 67.0
103 54.8 45.4 68.0





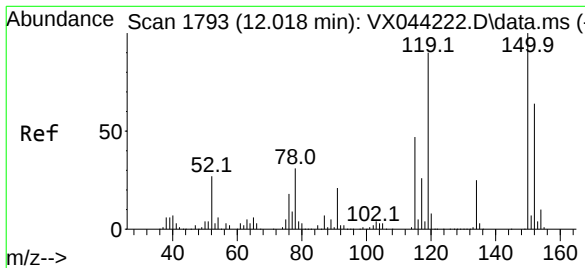
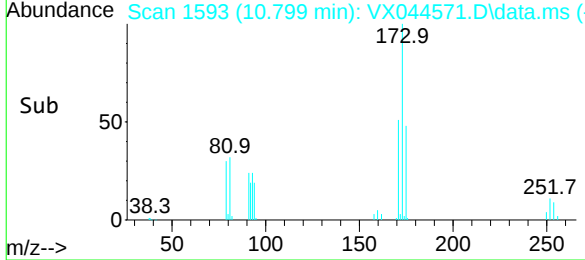
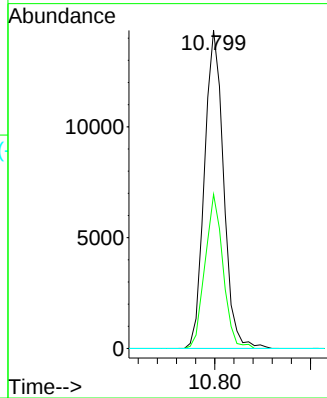
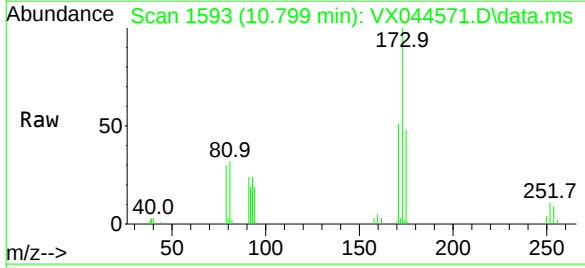
#71
Bromoform
Concen: 20.788 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.8	23.8	71.4
254	0.0	0.0	0.0

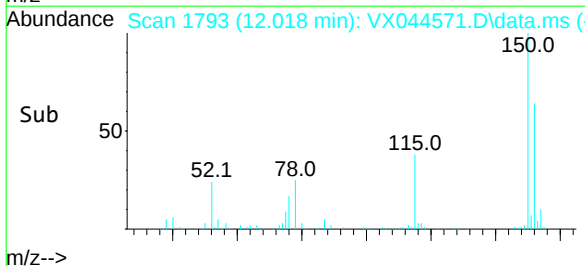
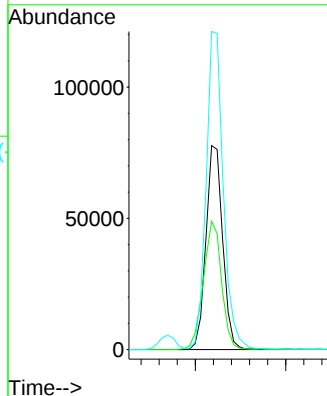
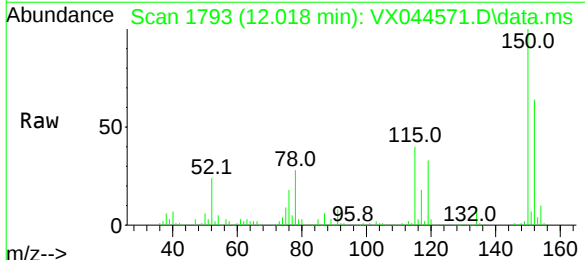
Manual Integrations
APPROVED

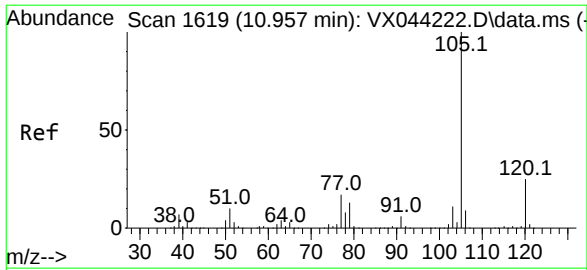
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.2	44.5	133.3
150	159.6	0.0	353.8





#73

Isopropylbenzene

Concen: 19.210 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

Tgt Ion: 105 Resp: 147179

Ion Ratio Lower Upper

105 100

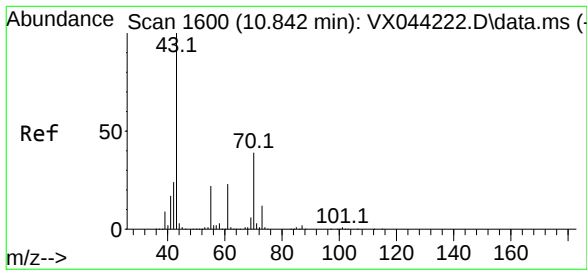
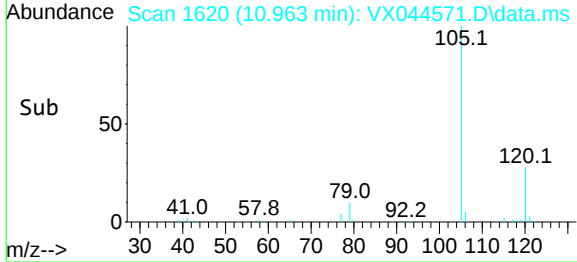
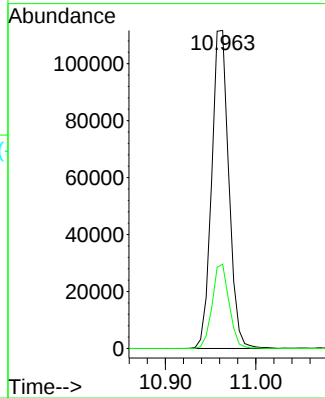
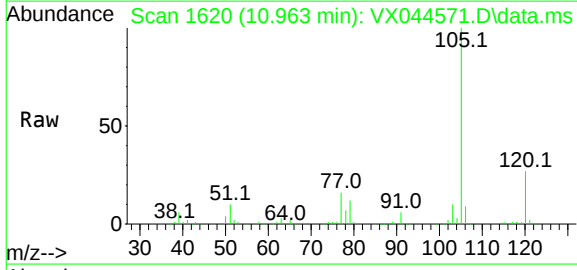
120 26.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#74

N-amyI acetate

Concen: 17.236 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Tgt Ion: 43 Resp: 61031

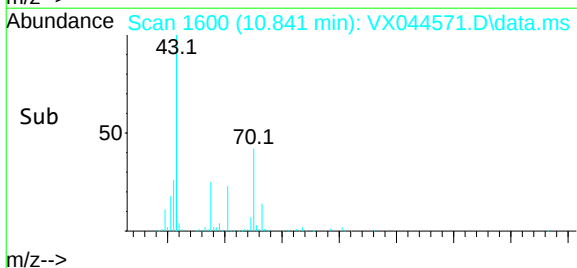
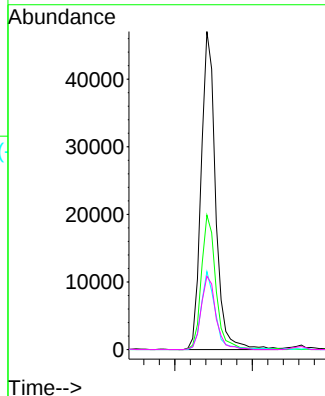
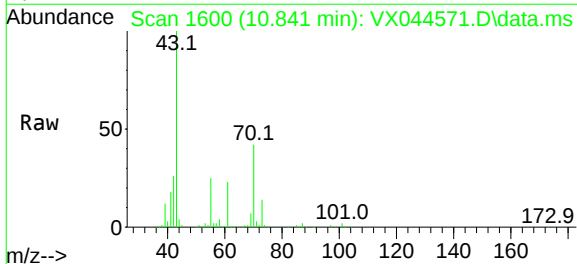
Ion Ratio Lower Upper

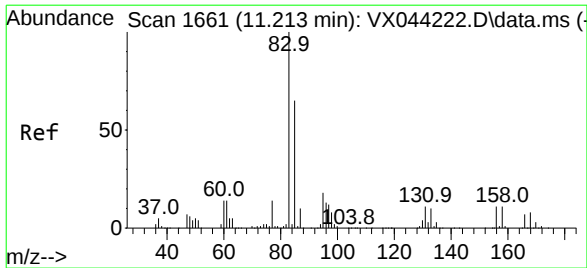
43 100

70 42.2 31.9 47.9

55 23.6 17.9 26.9

61 23.4 17.9 26.9





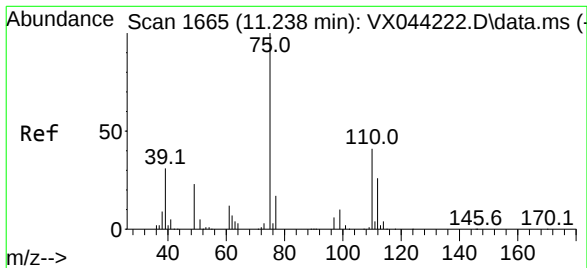
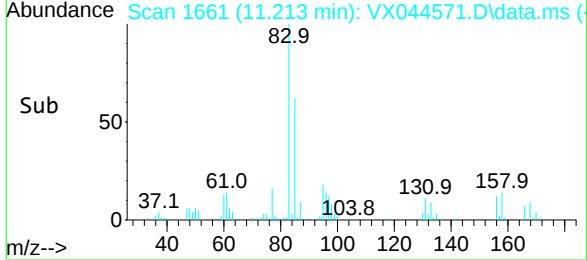
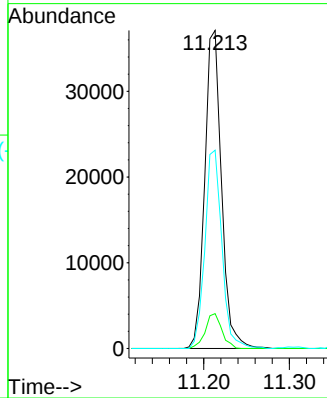
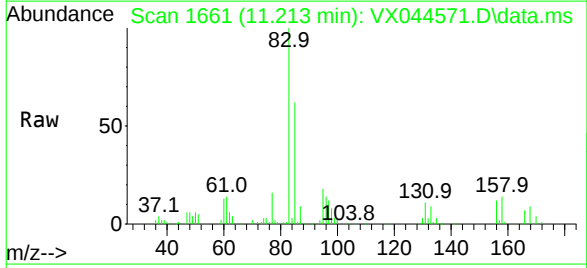
#75
1,1,2,2-Tetrachloroethane
Concen: 18.960 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 83	Resp: 50455
Ion Ratio	Lower Upper
83 100	
131 10.8	5.1 15.4
85 63.2	32.5 97.4

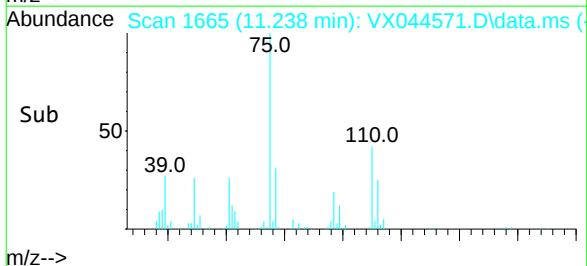
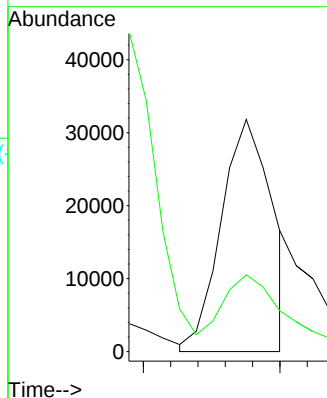
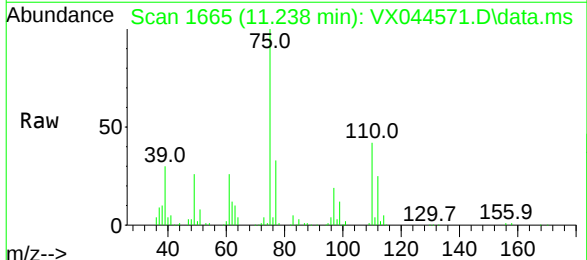
Manual Integrations
APPROVED

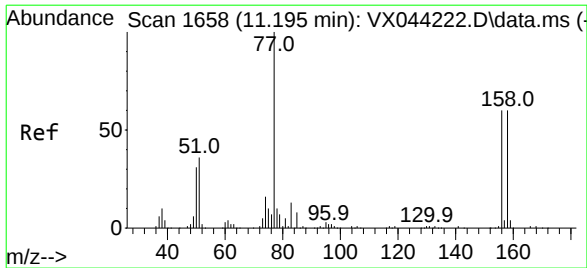
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#76
1,2,3-Trichloropropane
Concen: 18.461 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 75	Resp: 41254
Ion Ratio	Lower Upper
75 100	
77 41.3	20.9 62.7





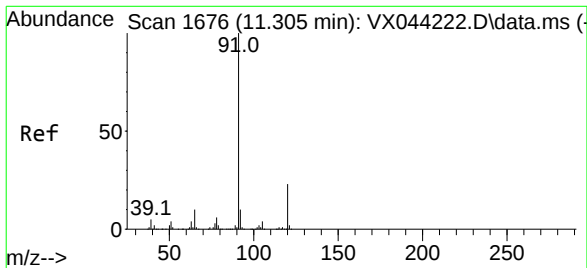
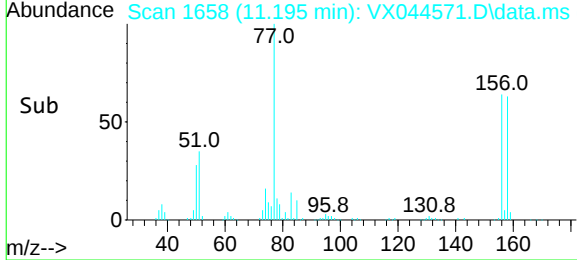
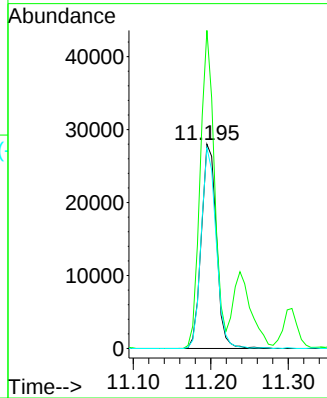
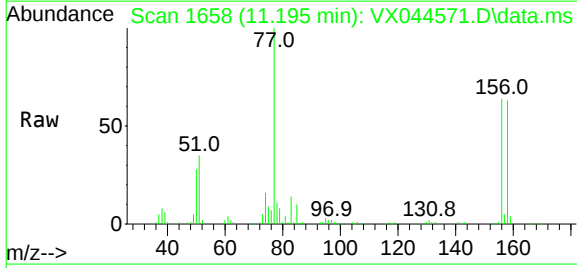
#77
Bromobenzene
Concen: 20.401 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02

Tgt Ion: 156 Resp: 37903
Ion Ratio Lower Upper
156 100
77 146.8 82.6 247.8
158 97.2 48.8 146.4

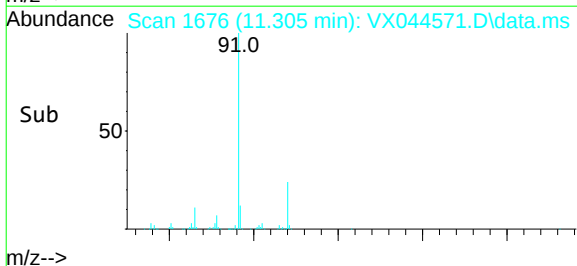
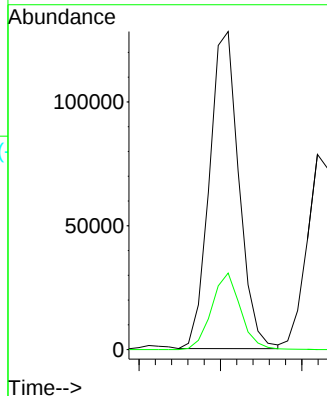
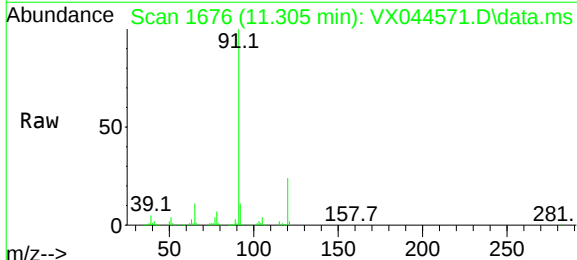
Manual Integrations
APPROVED

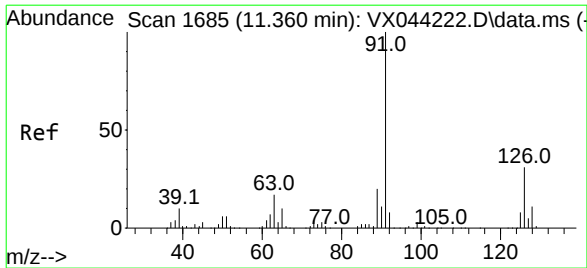
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#78
n-propylbenzene
Concen: 19.075 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 91 Resp: 161531
Ion Ratio Lower Upper
91 100
120 23.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.485 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

Tgt Ion: 91 Resp: 101236

Ion Ratio Lower Upper

91 100

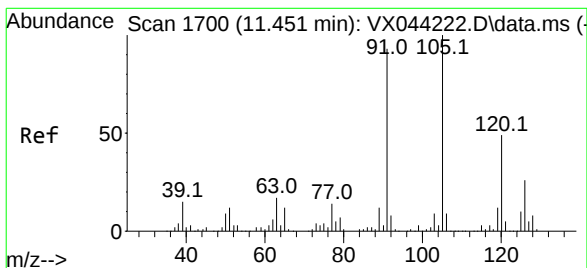
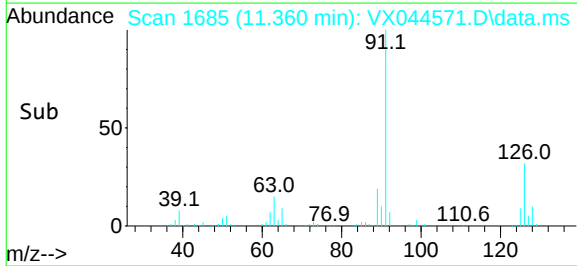
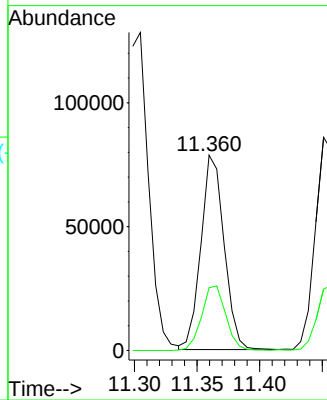
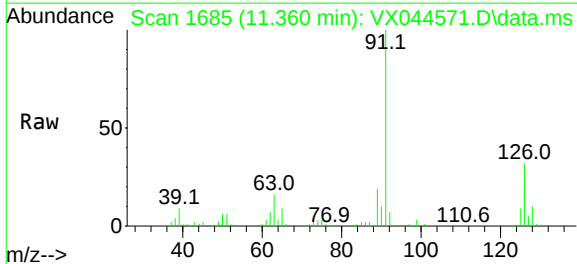
126 34.7 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.549 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044571.D

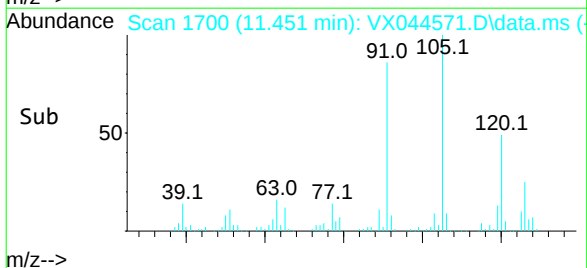
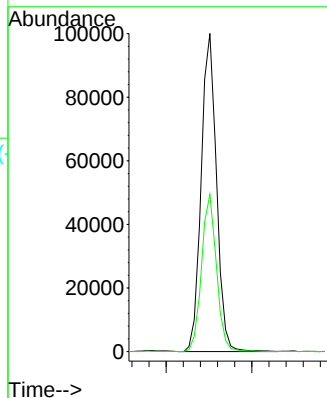
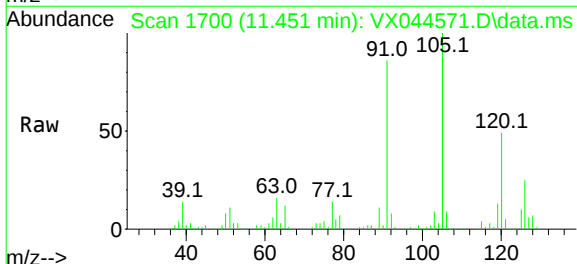
Acq: 31 Dec 2024 11:12

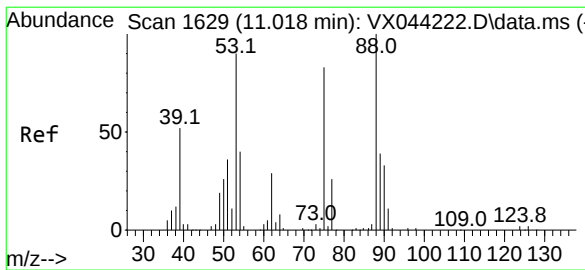
Tgt Ion:105 Resp: 124209

Ion Ratio Lower Upper

105 100

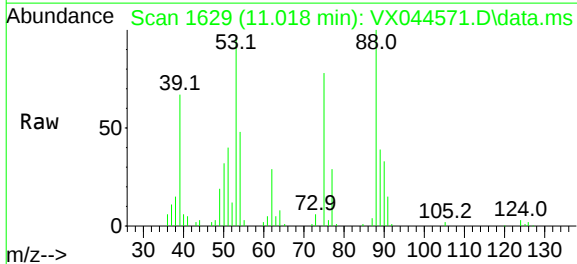
120 48.2 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.927 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

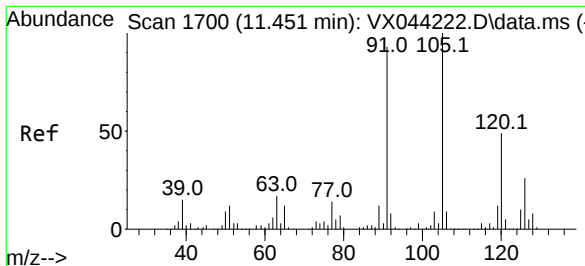
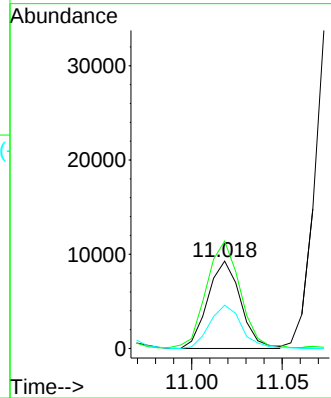
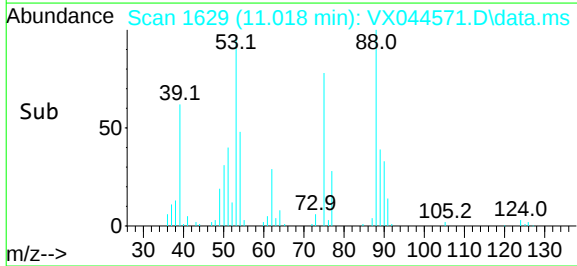
Instrument : MSVOA_X
ClientSampleId : VX1231WBS02



Tgt Ion: 75 Resp: 11717
Ion Ratio Lower Upper
75 100
53 125.7 93.6 140.4
89 48.2 37.3 55.9

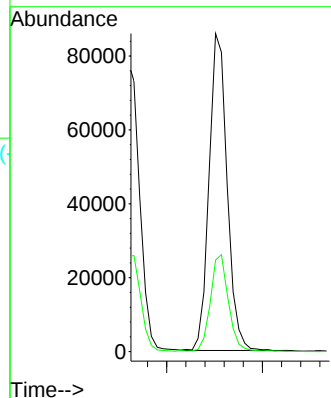
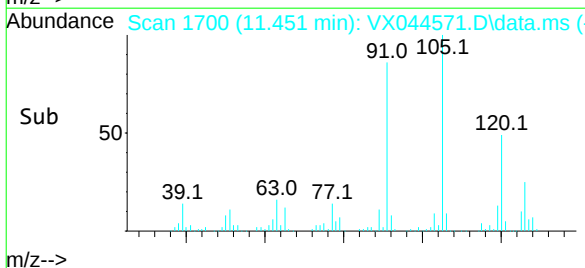
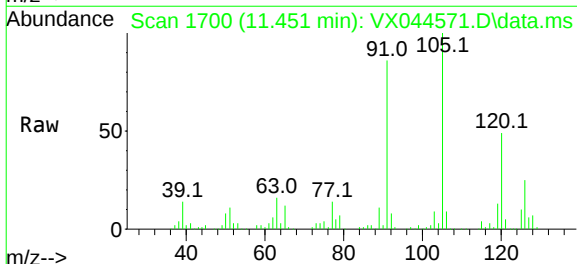
Manual Integrations
APPROVED

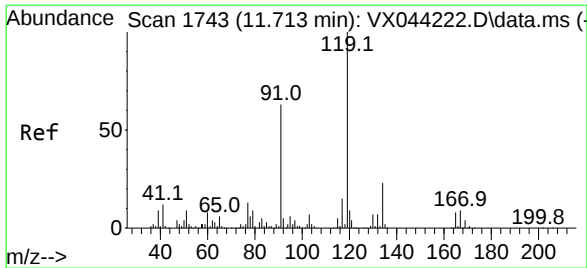
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#82
4-Chlorotoluene
Concen: 18.516 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

Tgt Ion: 91 Resp: 112294
Ion Ratio Lower Upper
91 100
126 30.8 14.5 43.5





#83

tert-Butylbenzene

Concen: 19.434 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

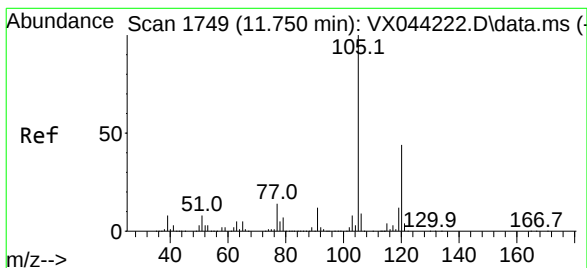
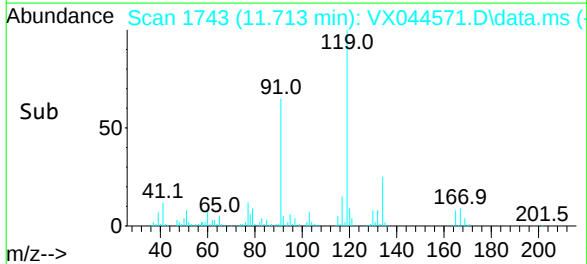
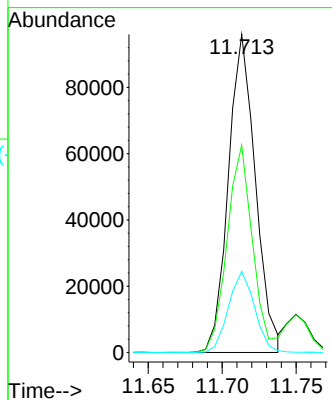
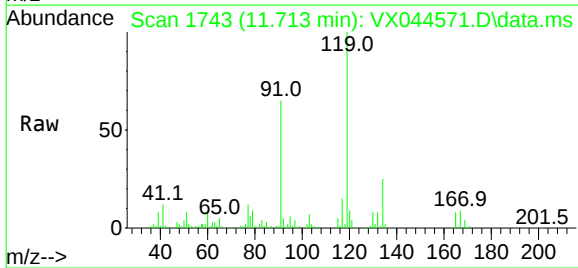
Tgt Ion:	119	Resp:	122036
Ion Ratio	Lower	Upper	
119	100		
91	61.9	30.9	92.5
134	24.6	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.894 ug/l

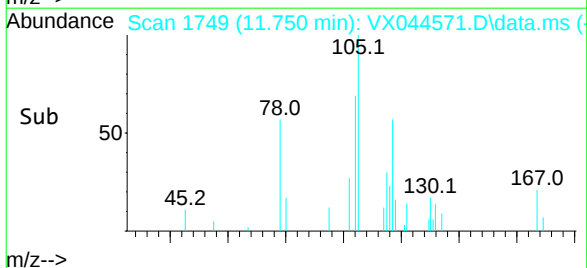
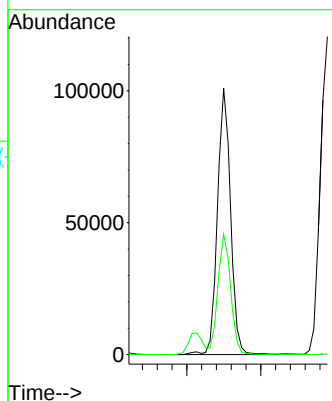
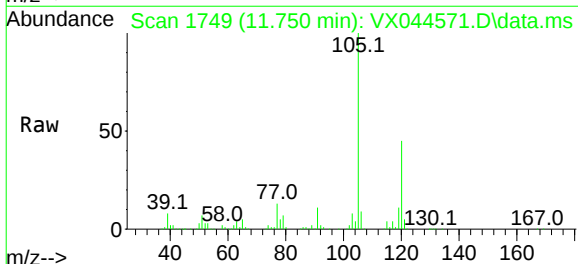
RT: 11.750 min Scan# 1749

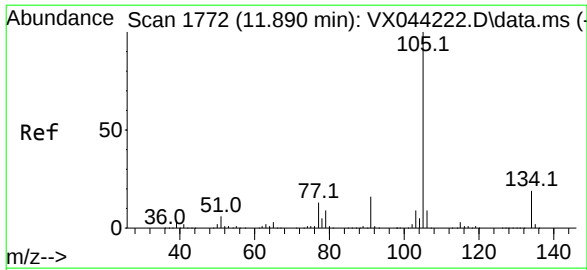
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Tgt Ion:	105	Resp:	124140
Ion Ratio	Lower	Upper	
105	100		
120	43.7	21.7	65.1





#85

sec-Butylbenzene

Concen: 19.181 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

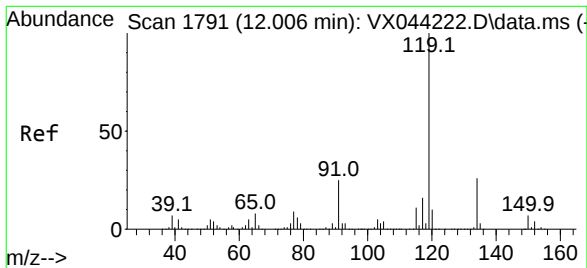
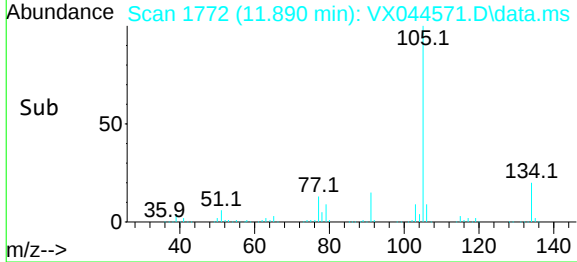
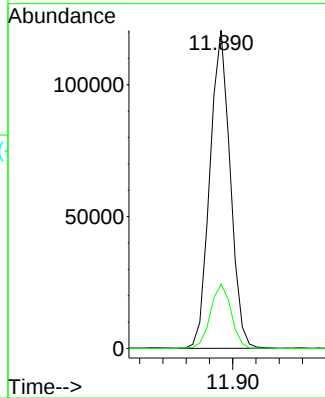
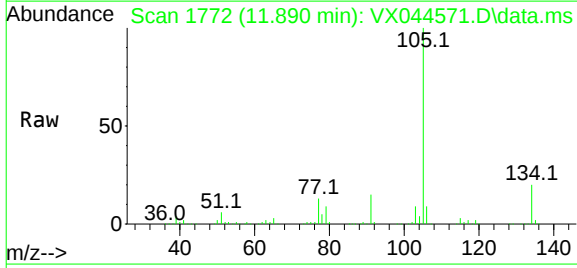
Tgt Ion:105 Resp: 146216
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#86

p-Isopropyltoluene

Concen: 19.704 ug/l

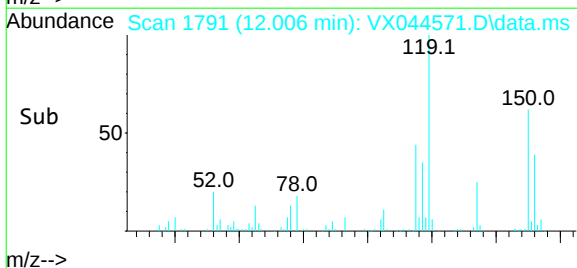
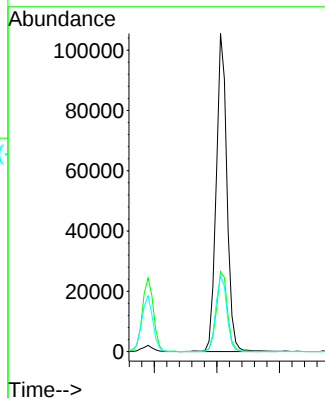
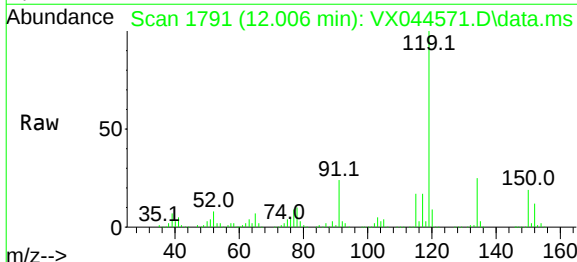
RT: 12.006 min Scan# 1791

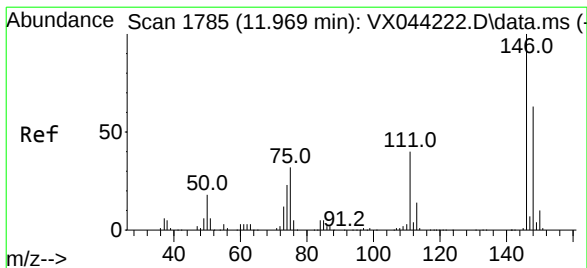
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Tgt Ion:119 Resp: 125017
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.8 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.966 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

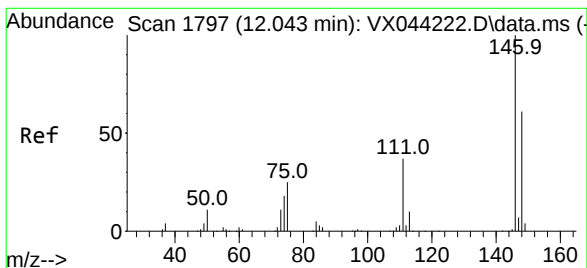
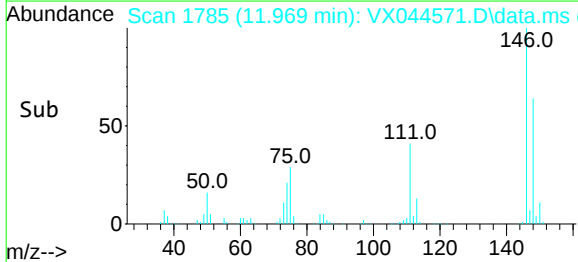
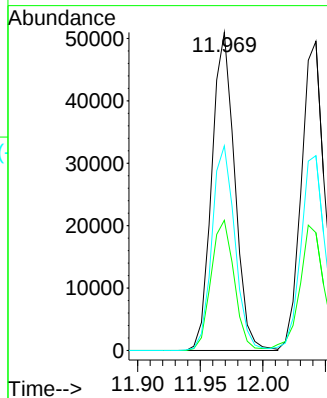
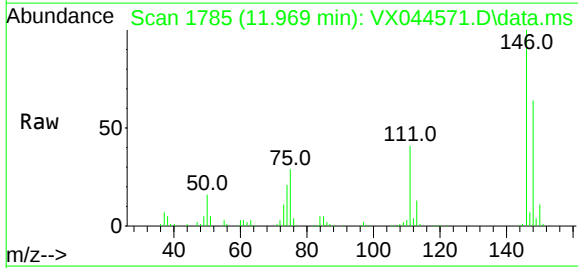
Tgt Ion:	146	Resp:	64797
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.4	64.2
148	64.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#88

1,4-Dichlorobenzene

Concen: 19.230 ug/l

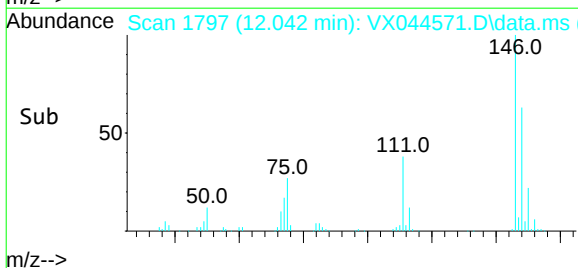
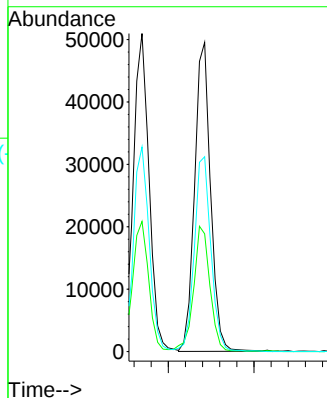
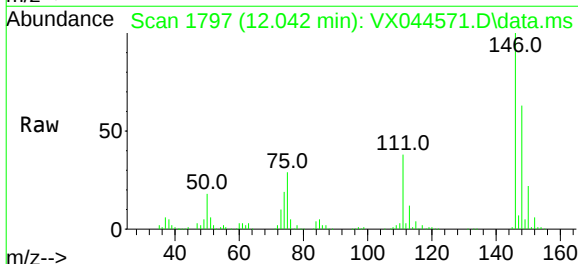
RT: 12.042 min Scan# 1797

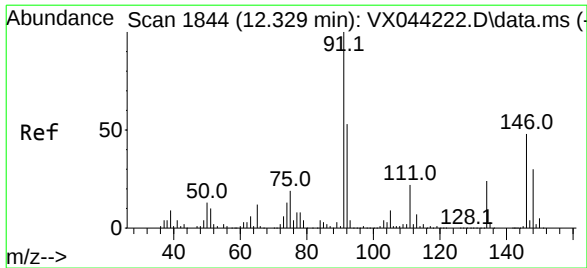
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Tgt Ion:	146	Resp:	64153
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.0	63.0
148	65.9	32.3	96.8





#89

n-Butylbenzene

Concen: 18.352 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS02

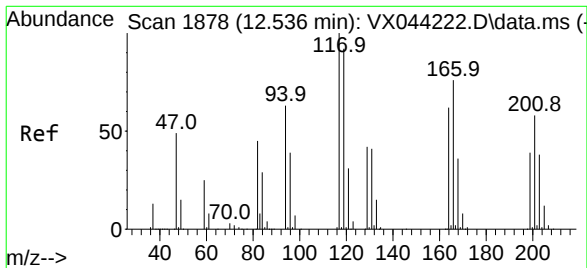
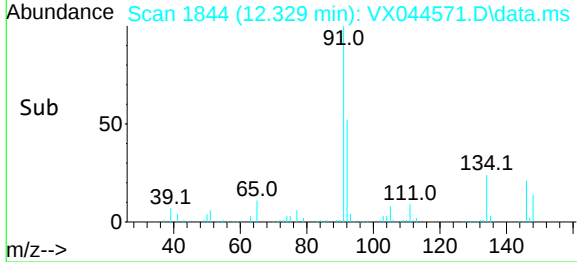
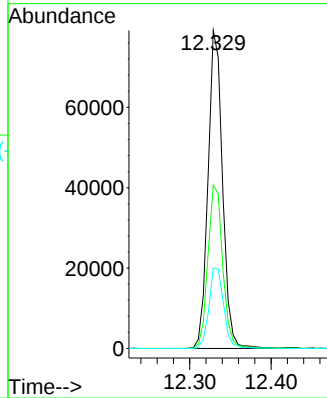
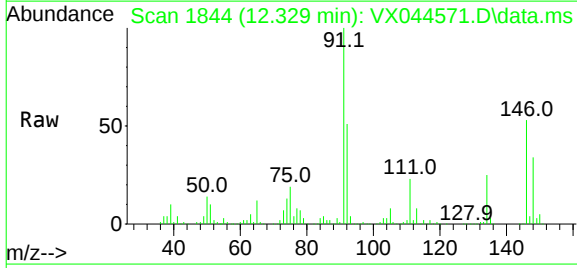
Tgt Ion:	91	Resp:	97910
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	25.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/02/2025

Supervised By :Mahesh Dadoda 01/02/2025



#90

Hexachloroethane

Concen: 18.704 ug/l

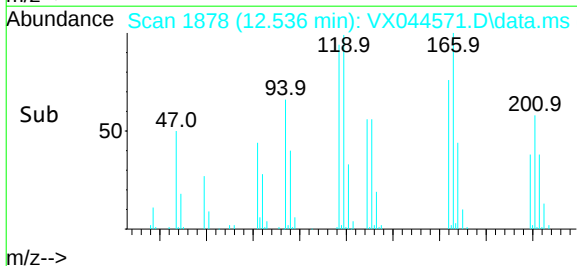
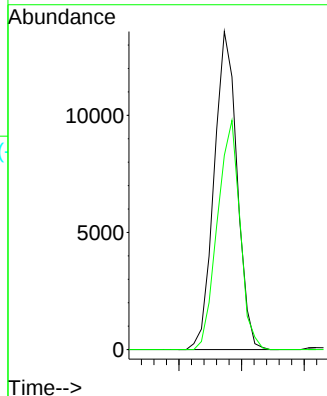
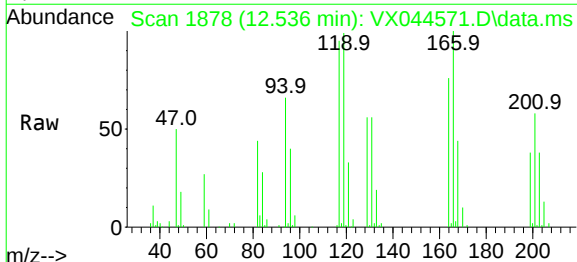
RT: 12.536 min Scan# 1878

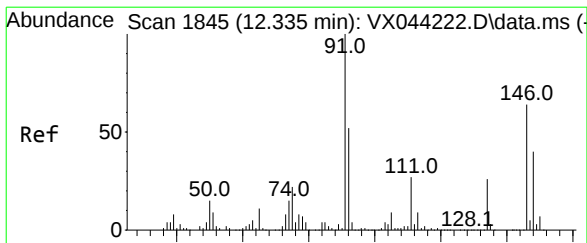
Delta R.T. -0.000 min

Lab File: VX044571.D

Acq: 31 Dec 2024 11:12

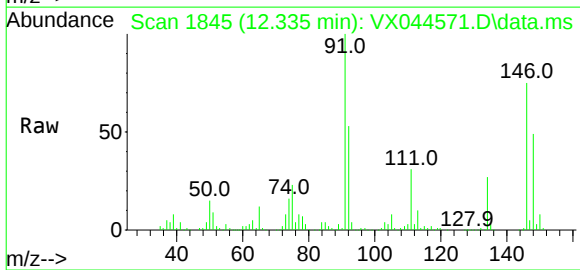
Tgt Ion:	117	Resp:	17323
Ion	Ratio	Lower	Upper
117	100		
201	70.7	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 19.837 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

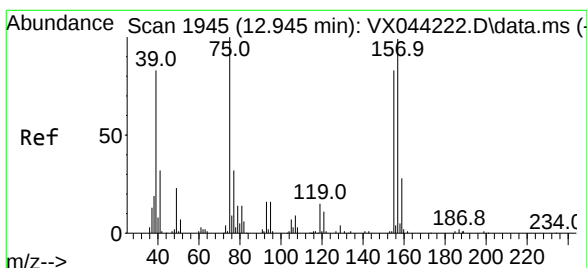
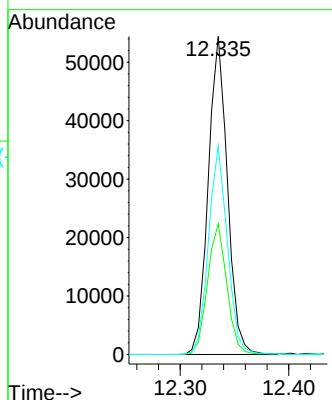
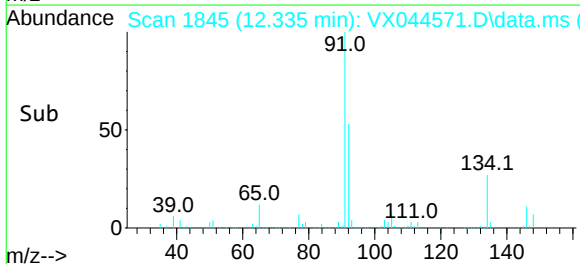
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion: 146 Resp: 66845
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.3
148 64.9 31.6 95.0

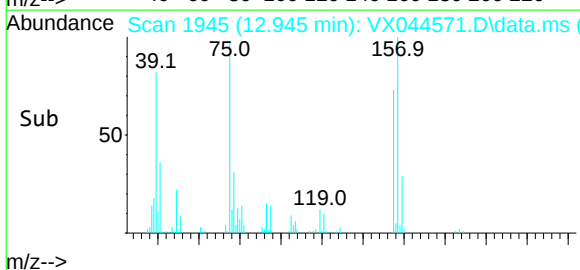
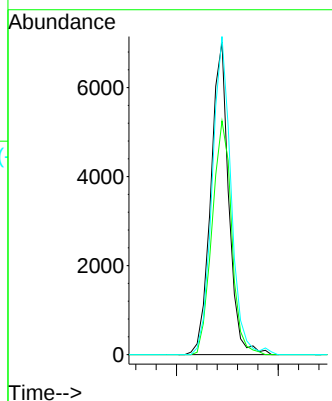
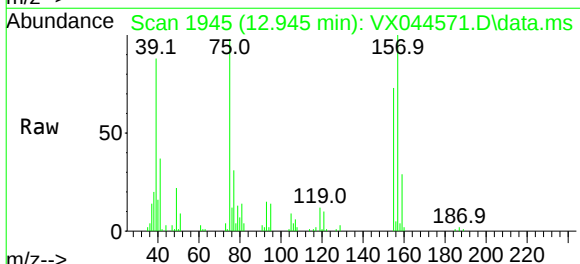
Manual Integrations
APPROVED

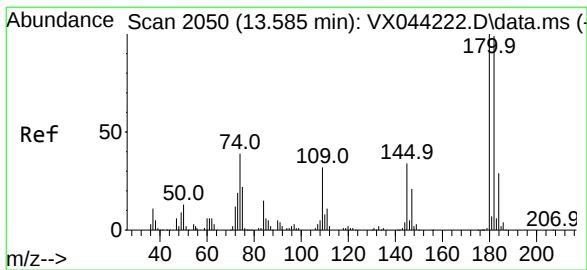
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.624 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

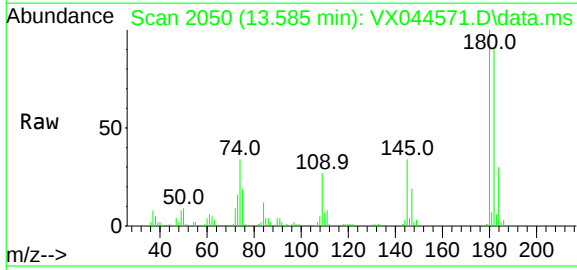
Tgt Ion: 75 Resp: 8588
Ion Ratio Lower Upper
75 100
155 81.2 38.1 114.3
157 107.0 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 20.183 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

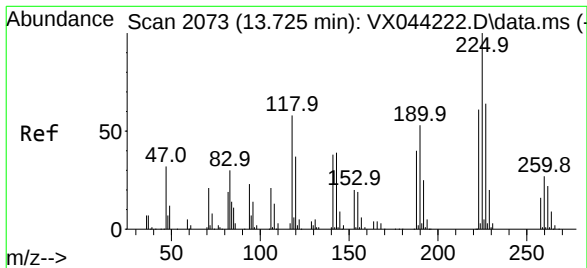
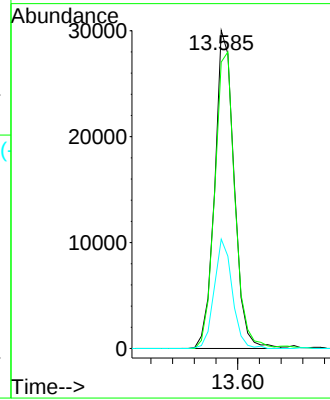
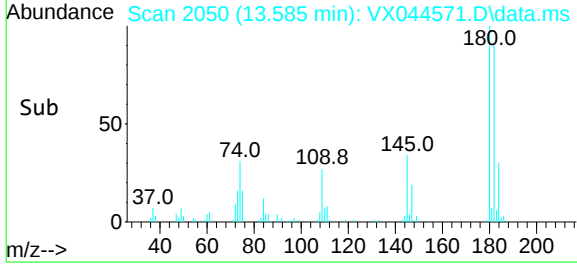
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



Tgt Ion:180 Resp: 37288
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 32.0 16.6 49.7

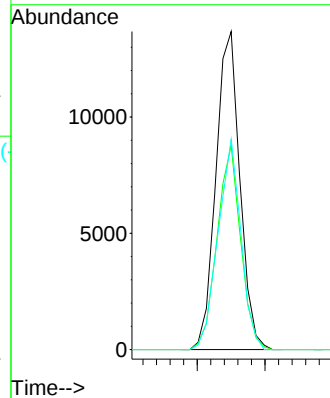
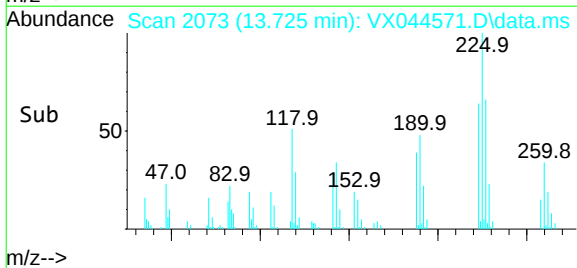
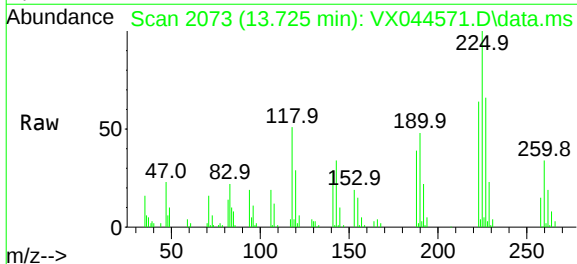
Manual Integrations
APPROVED

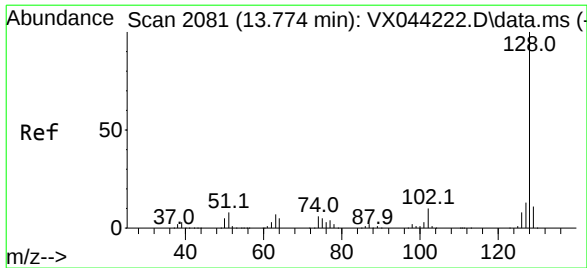
Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#94
Hexachlorobutadiene
Concen: 22.597 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

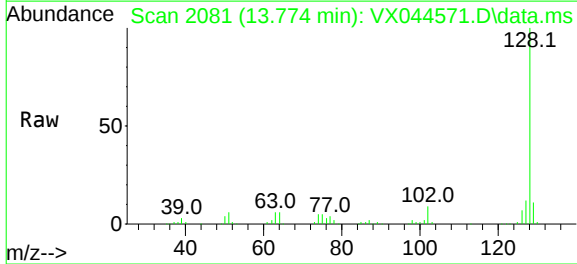
Tgt Ion:225 Resp: 16792
Ion Ratio Lower Upper
225 100
223 63.1 30.8 92.4
227 63.4 32.1 96.3





#95
Naphthalene
Concen: 18.171 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12

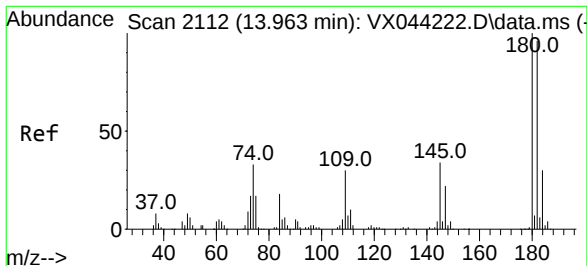
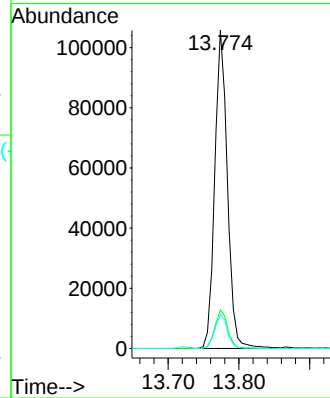
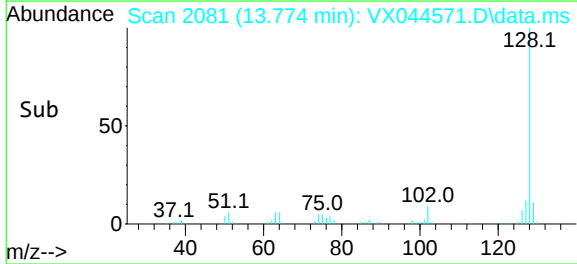
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS02



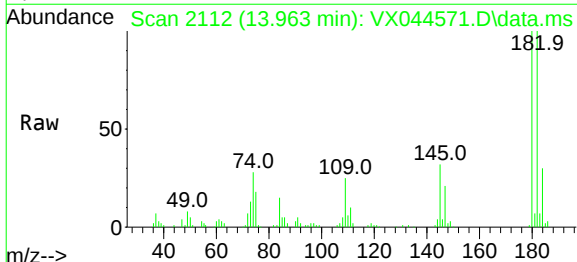
Tgt Ion:128 Resp: 131034
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.8 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.053 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044571.D
Acq: 31 Dec 2024 11:12



Tgt Ion:180 Resp: 39293
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.0
145 32.5 17.7 53.1

