

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041442.D
 Acq On : 09 May 2024 18:15
 Operator : JC/MD
 Sample : P2374-06MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E0Y34MSD

Quant Time: May 09 23:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	268016	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	70305	46.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.500%		
7) Chloroethane-d5	1.648	69	52959	47.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.980%		
11) 1,1-Dichloroethene-d2	2.294	65	37945	49.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.200%		
21) 2-Butanone-d5	4.465	46	129944	114.665	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.660%		
24) Chloroform-d	5.056	84	174779	51.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.000%		
26) 1,2-Dichloroethane-d4	5.952	65	112449	46.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
32) Benzene-d6	5.970	84	328703	48.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.840%		
36) 1,2-Dichloropropane-d6	7.305	67	98195	48.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.360%		
41) Toluene-d8	8.647	98	308964	44.067	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.140%		
43) trans-1,3-Dichloroprop...	8.952	79	41227	40.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.600%		
47) 2-Hexanone-d5	9.384	63	97905	104.166	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.170%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136687	43.061	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	144633	51.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	87410	47.369	ug/L	99
3) Chloromethane	1.300	50	76887	48.855	ug/L	97
5) Vinyl chloride	1.374	62	80071	49.396	ug/L	100
6) Bromomethane	1.599	94	56607	50.101	ug/L	100
8) Chloroethane	1.666	64	47173	50.824	ug/L	98
9) Trichlorofluoromethane	1.867	101	140640	49.277	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	90713	51.746	ug/L	99
12) 1,1-Dichloroethene	2.312	96	81820m	52.544	ug/L	
13) Acetone	2.392	43	92218	79.259	ug/L	100
14) Carbon disulfide	2.501	76	196846	52.444	ug/L	100
15) Methyl Acetate	2.709	43	104643	53.290	ug/L	98
16) Methylene chloride	2.788	84	92686	53.630	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	82856	51.776	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	289736	53.067	ug/L	100
19) 1,1-Dichloroethane	3.605	63	156542	52.828	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	97461	52.759	ug/L	99
22) 2-Butanone	4.568	43	140970	97.033	ug/L	98
23) Bromochloromethane	4.897	128	53311	54.229	ug/L	99
25) Chloroform	5.092	83	166995	52.190	ug/L	99

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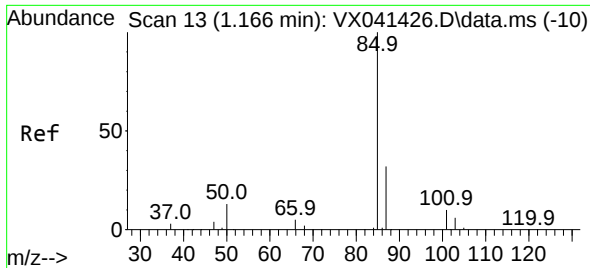
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
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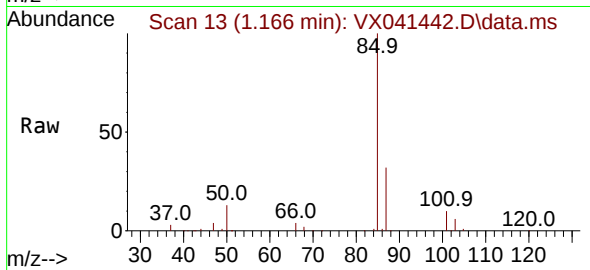
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	141303	52.997	ug/L	97
29) Cyclohexane	5.464	56	140394	50.813	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	149358	51.067	ug/L	99
31) Carbon tetrachloride	5.672	117	132054	50.859	ug/L	99
33) Benzene	6.037	78	347846	50.030	ug/L	100
34) Trichloroethene	7.123	95	94104	49.412	ug/L	96
35) Methylcyclohexane	7.379	83	145401	49.271	ug/L	99
37) 1,2-Dichloropropane	7.427	63	90025	51.419	ug/L	99
38) Bromodichloromethane	7.818	83	115323	48.731	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	142776	49.243	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	281152	99.783	ug/L	100
42) Toluene	8.714	91	381873	50.332	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	121129	44.800	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	95498	49.327	ug/L	97
46) Tetrachloroethene	9.275	164	87934	48.246	ug/L	96
48) 2-Hexanone	9.433	43	221369	98.066	ug/L	99
49) Dibromochloromethane	9.518	129	100945	51.580	ug/L	100
50) 1,2-Dibromoethane	9.610	107	103954	51.608	ug/L	98
51) Chlorobenzene	10.079	112	257560	50.905	ug/L	98
52) Ethylbenzene	10.195	91	425690	51.136	ug/L	98
53) m,p-Xylene	10.299	106	170393	51.170	ug/L	99
54) o-Xylene	10.640	106	160568	47.319	ug/L	99
55) Styrene	10.652	104	272733	48.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	143219	44.584	ug/L	100
59) Bromoform	10.799	173	74679	46.049	ug/L	100
60) Isopropylbenzene	10.963	105	380100	44.954	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	111504	47.069	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	291252	50.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	369381	53.368	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	223001	51.841	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	225297	51.453	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	229421	51.504	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	34644	54.348	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	161891	50.424	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	155318	52.977	ug/L	99
71) Naphthalene	13.774	128	481211	54.991	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	164863	53.930	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 47.369 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

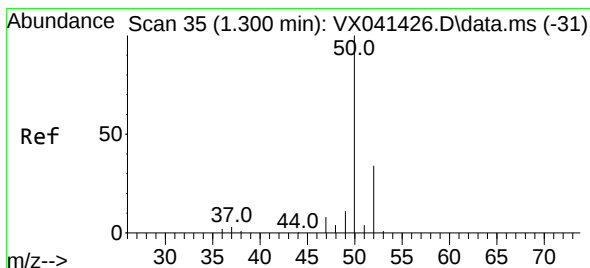
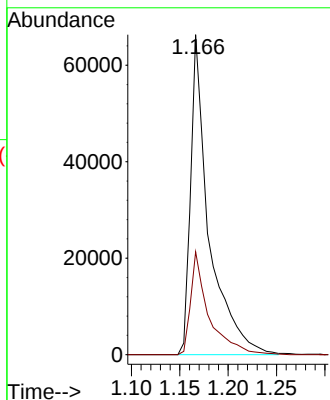
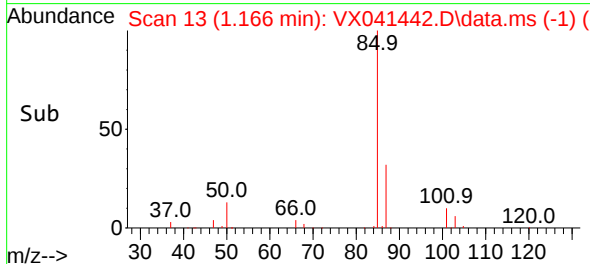
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 85 Resp: 87410
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.2

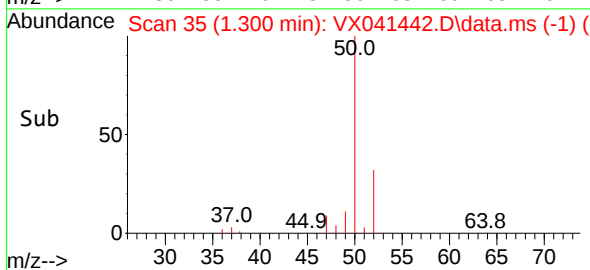
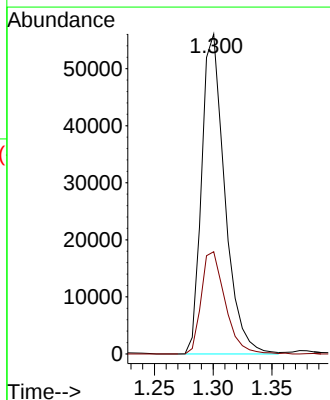
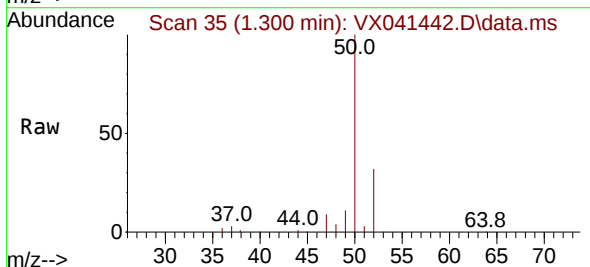
Manual Integrations
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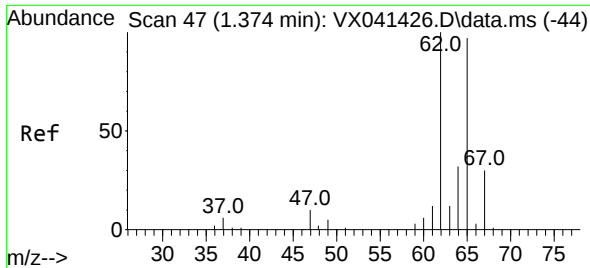
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#3
Chloromethane
Concen: 48.855 ug/L
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

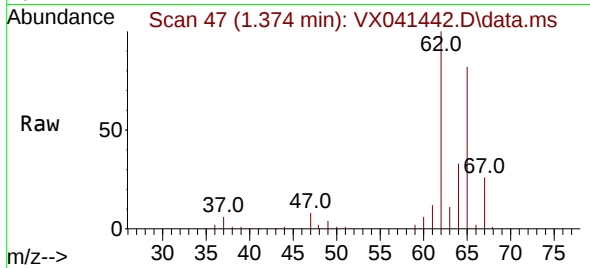
Tgt Ion: 50 Resp: 76887
Ion Ratio Lower Upper
50 100
52 31.9 23.7 44.1





#5
 Vinyl chloride
 Concen: 49.396 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041442.D
 Acq: 09 May 2024 18:15

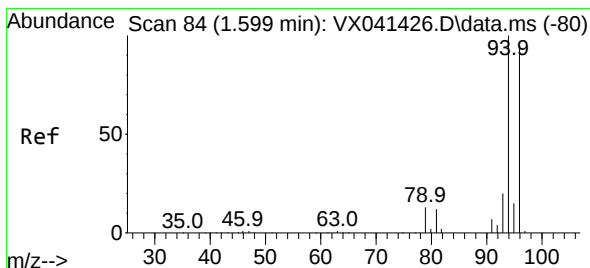
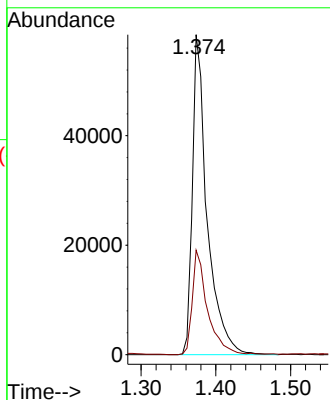
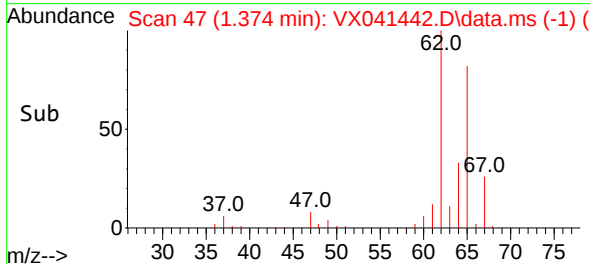
Instrument :
 MSVOA_X
 ClientSampleId :
 E0Y34MSD



Tgt Ion: 62 Resp: 8007
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.1

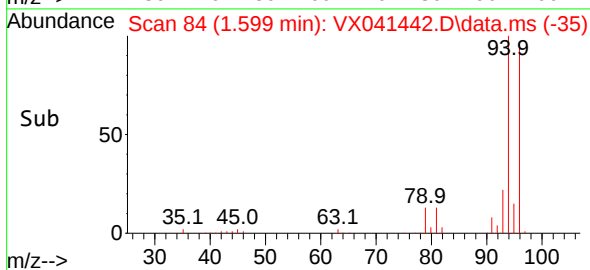
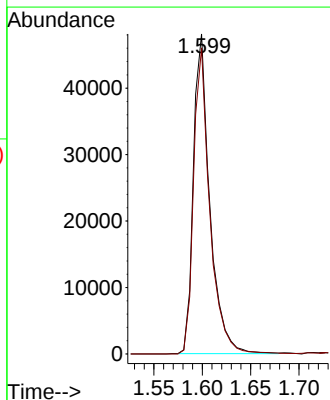
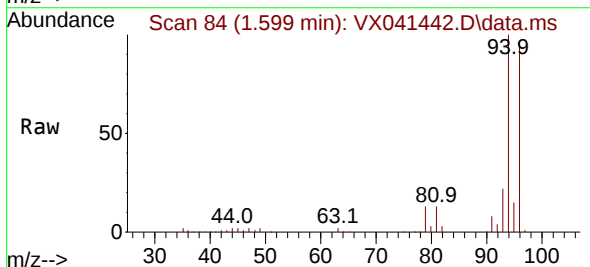
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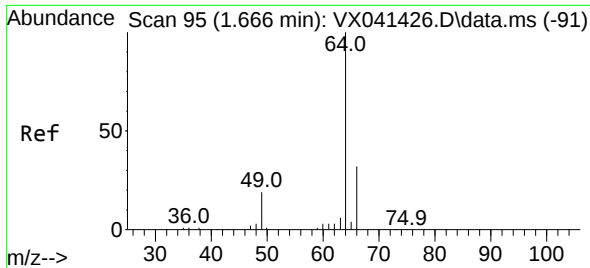
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024



#6
 Bromomethane
 Concen: 50.101 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041442.D
 Acq: 09 May 2024 18:15

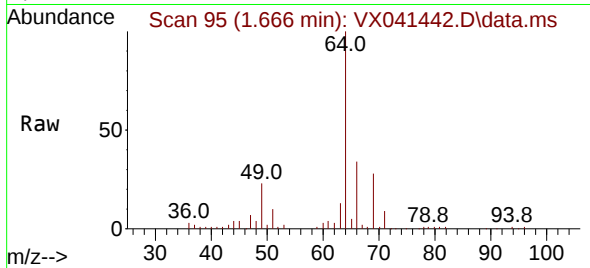
Tgt Ion: 94 Resp: 56607
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.6 123.8





#8
Chloroethane
Concen: 50.824 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

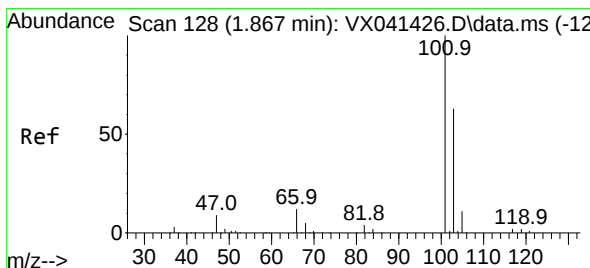
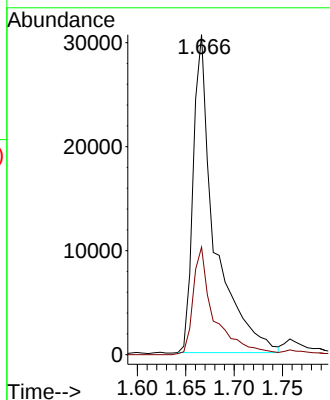
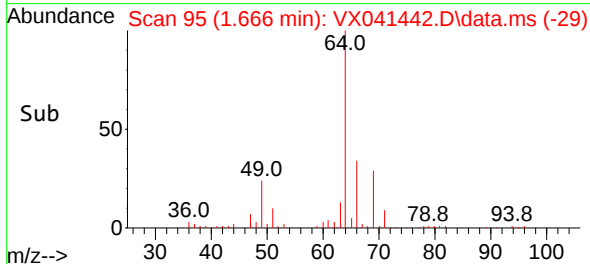
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 64 Resp: 4717
Ion Ratio Lower Upper
64 100
66 33.6 22.5 41.9

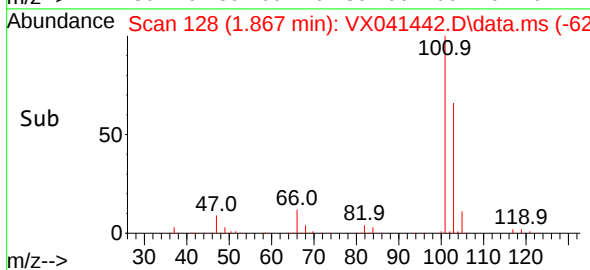
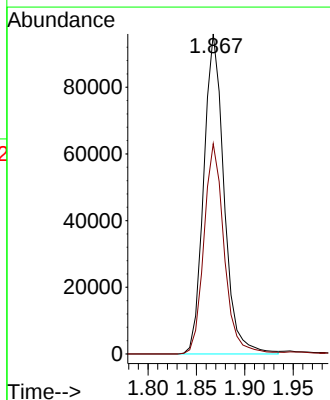
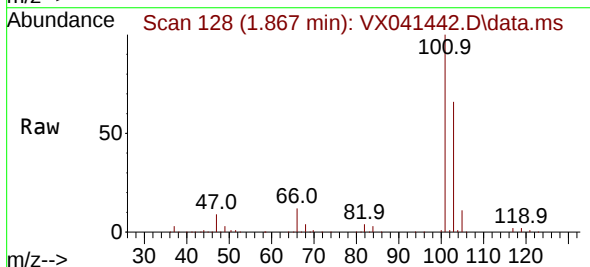
Manual Integrations
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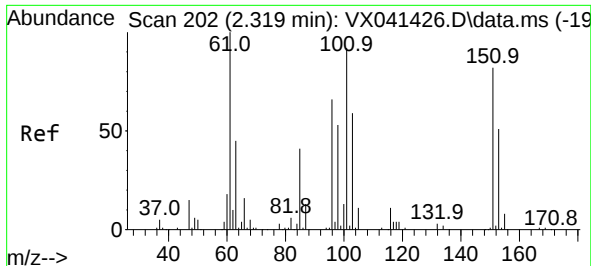
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#9
Trichlorofluoromethane
Concen: 49.277 ug/L
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Tgt Ion:101 Resp: 140640
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 51.746 ug/L

RT: 2.319 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

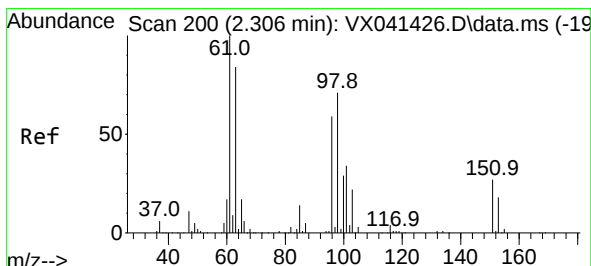
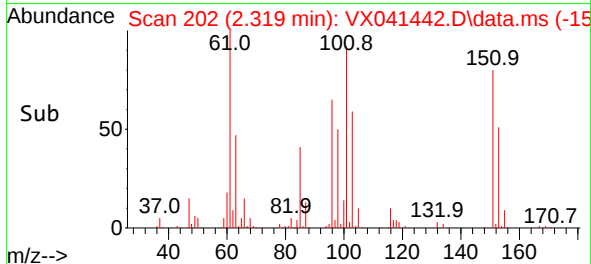
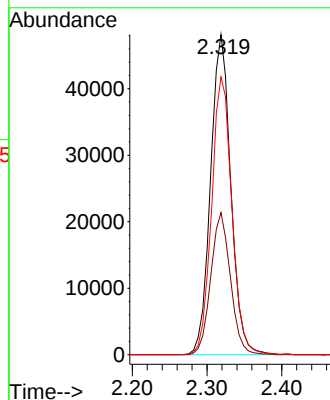
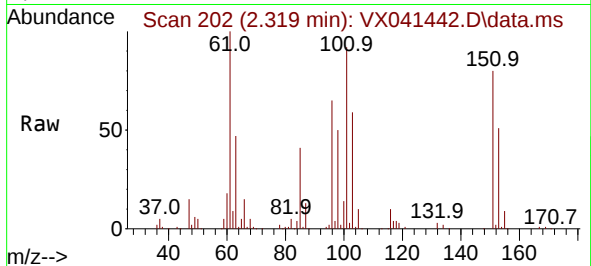
Tgt Ion:	101	Resp:	9071
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.4	50.2
151	86.8	68.7	103.1

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 52.544 ug/L m

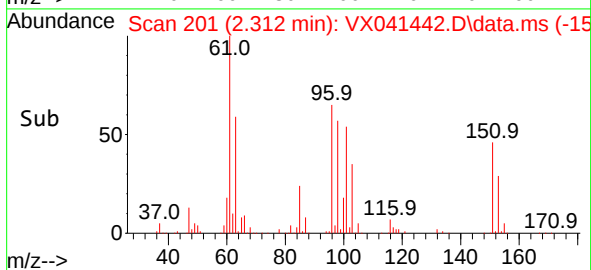
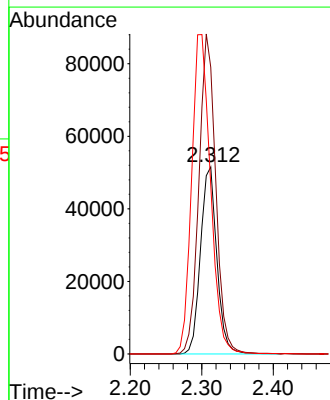
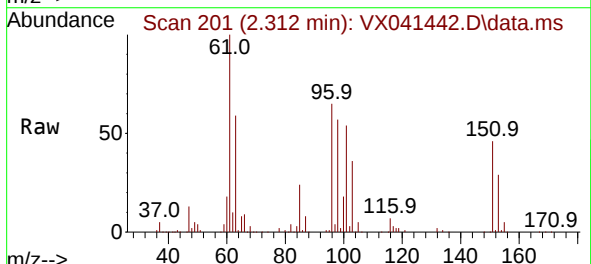
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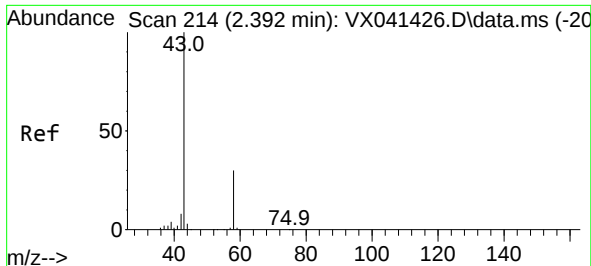
Delta R.T. 0.006 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Tgt Ion:	96	Resp:	81820
Ion Ratio	Lower	Upper	
96	100		
61	153.3	119.3	221.7
63	90.1	100.0	185.8





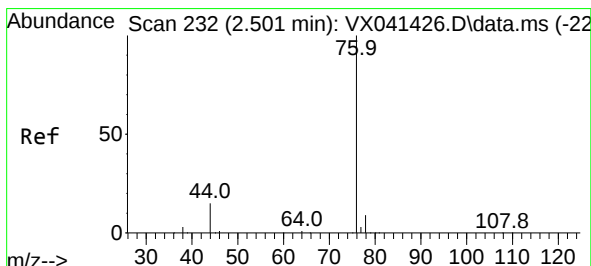
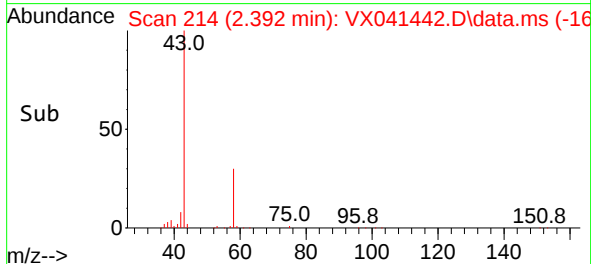
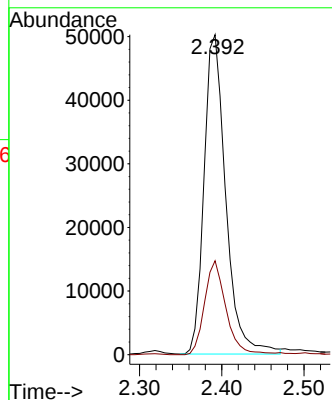
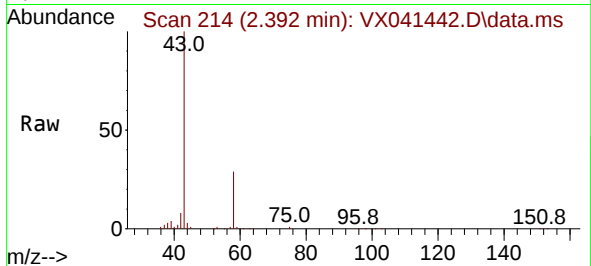
#13
Acetone
Concen: 79.259 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD

Tgt Ion: 43 Resp: 92218
Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.0

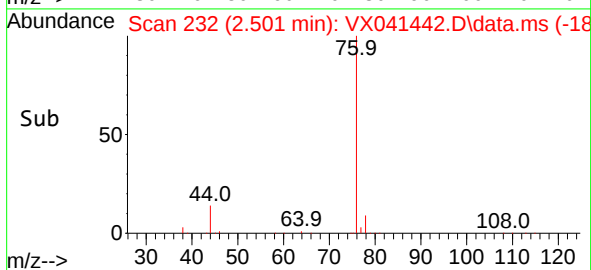
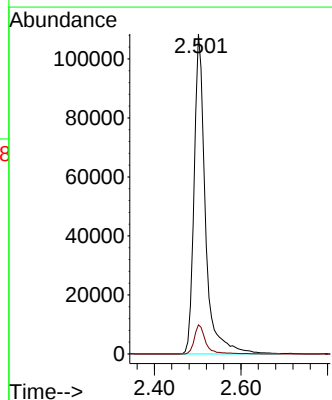
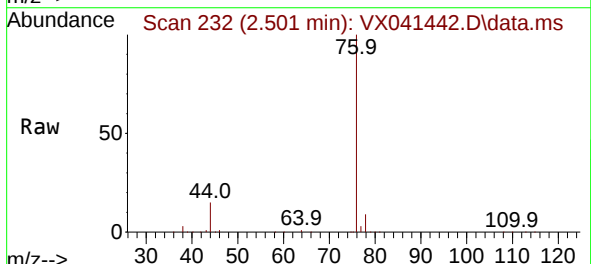
Manual Integrations
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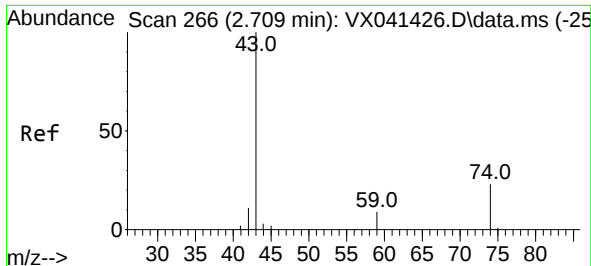
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#14
Carbon disulfide
Concen: 52.444 ug/L
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

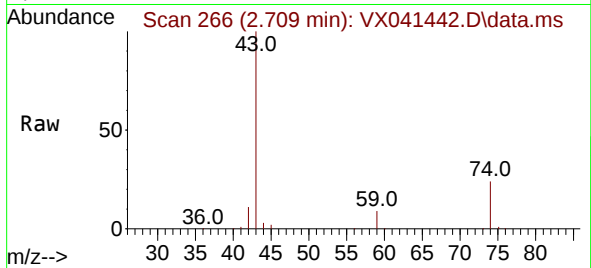
Tgt Ion: 76 Resp: 196846
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15
Methyl Acetate
Concen: 53.290 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

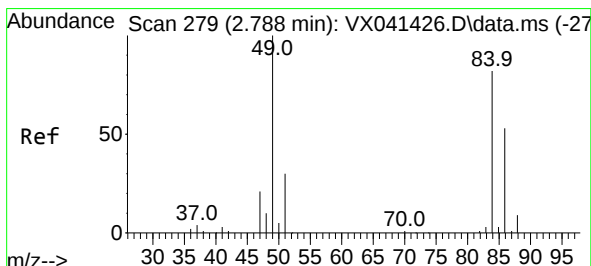
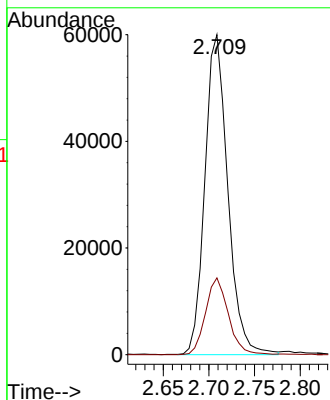
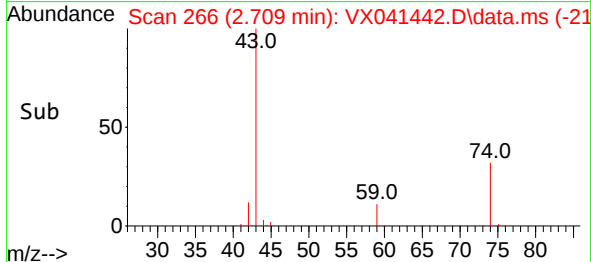
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 43 Resp: 10464
Ion Ratio Lower Upper
43 100
74 23.8 18.5 27.7

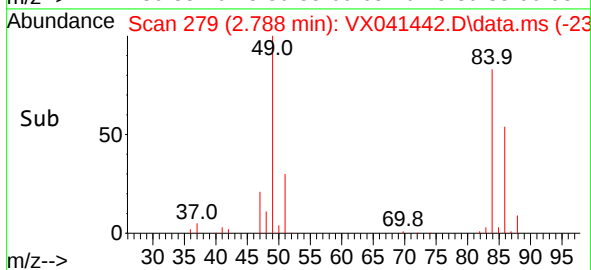
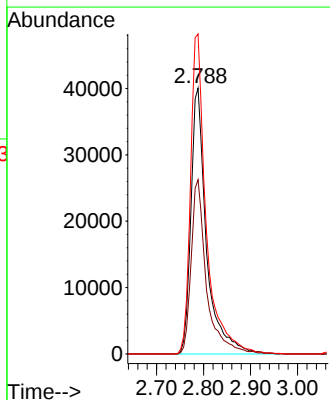
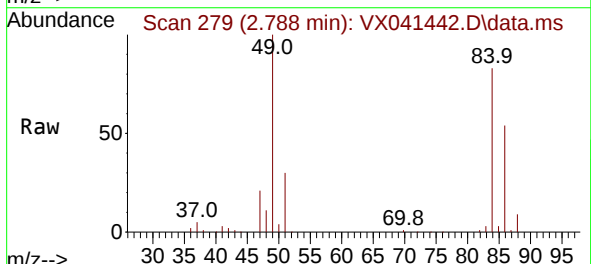
Manual Integrations
APPROVED

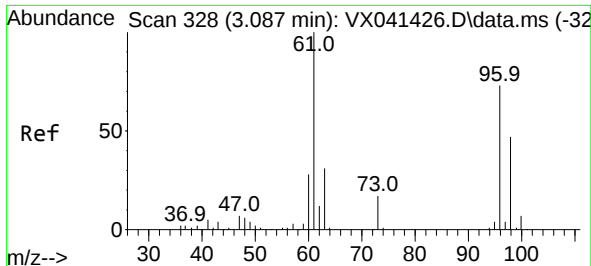
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#16
Methylene chloride
Concen: 53.630 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

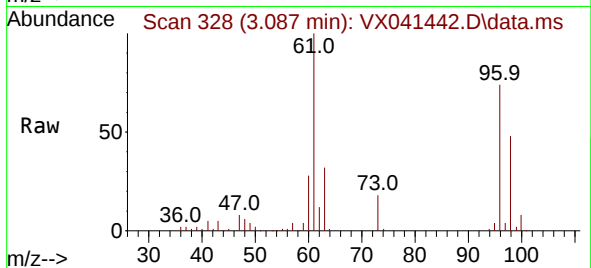
Tgt Ion: 84 Resp: 92686
Ion Ratio Lower Upper
84 100
86 65.6 44.9 83.5
49 120.4 85.5 158.7





#17
trans-1,2-Dichloroethene
Concen: 51.776 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

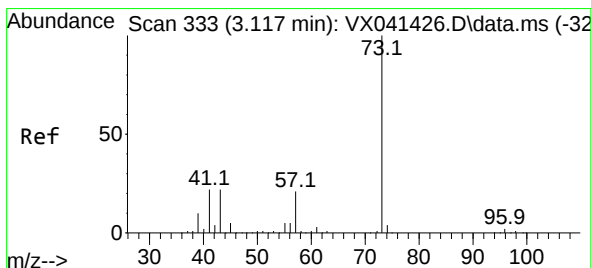
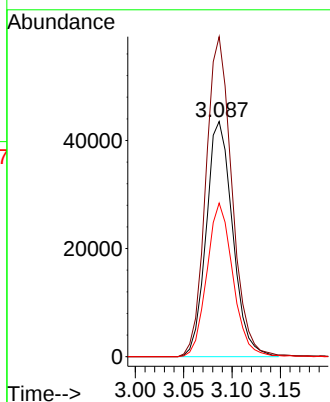
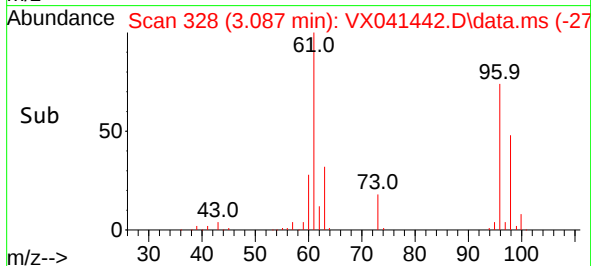
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 96 Resp: 82850
Ion Ratio Lower Upper
96 100
61 136.0 95.8 177.8
98 65.3 44.9 83.5

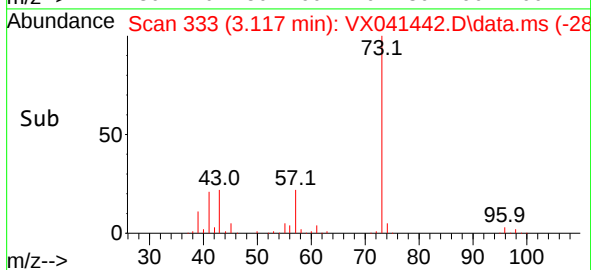
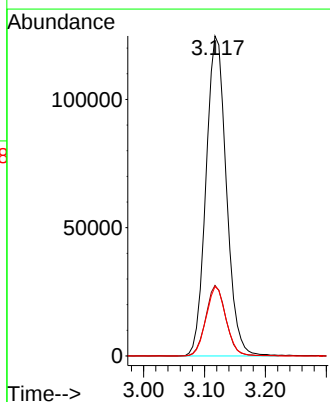
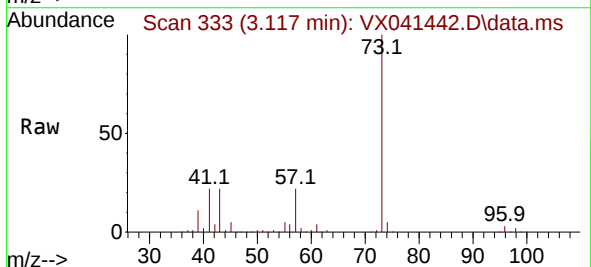
Manual Integrations
APPROVED

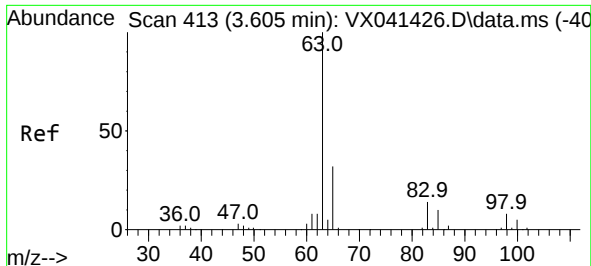
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#18
Methyl tert-butyl Ether
Concen: 53.067 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Tgt Ion: 73 Resp: 289736
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.0
57 21.3 16.7 25.1





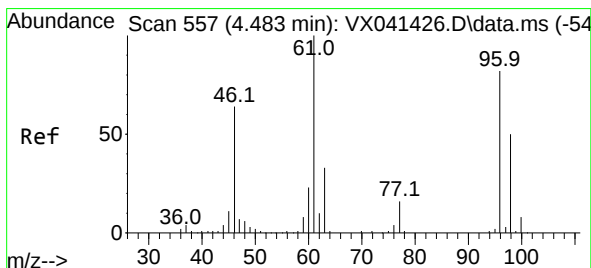
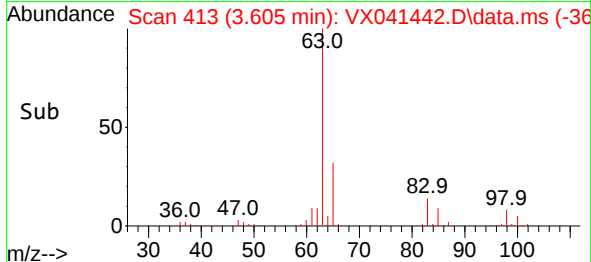
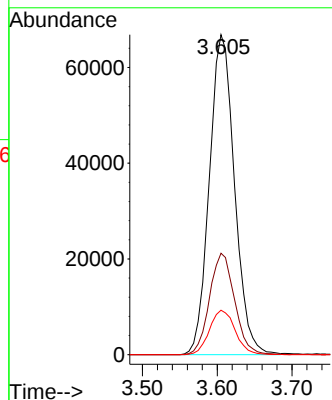
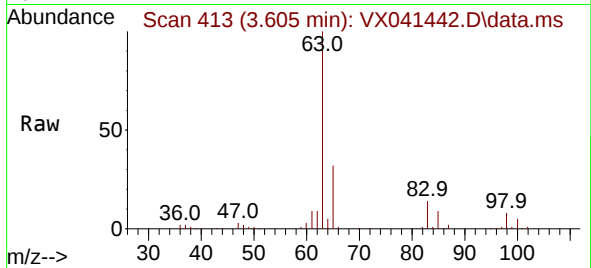
#19
1,1-Dichloroethane
Concen: 52.828 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD

Tgt Ion: 63 Resp: 15654
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.5
83 13.9 9.5 17.7

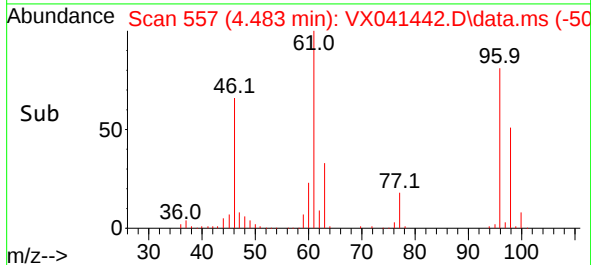
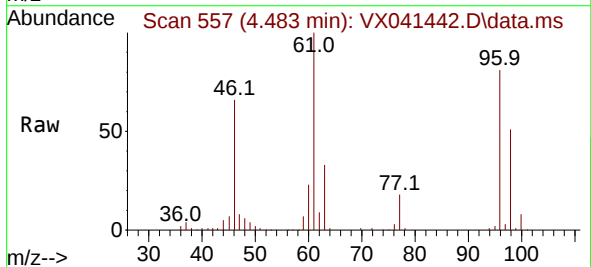
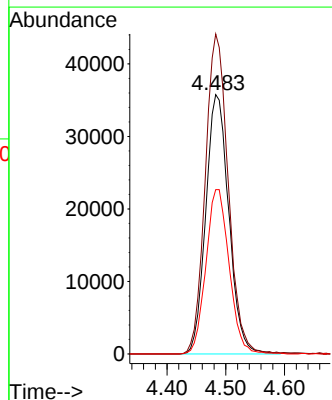
Manual Integrations
APPROVED

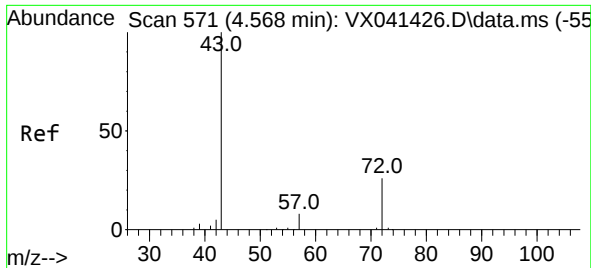
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#20
cis-1,2-Dichloroethene
Concen: 52.759 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Tgt Ion: 96 Resp: 97461
Ion Ratio Lower Upper
96 100
61 123.4 85.5 158.9
98 63.3 43.0 80.0





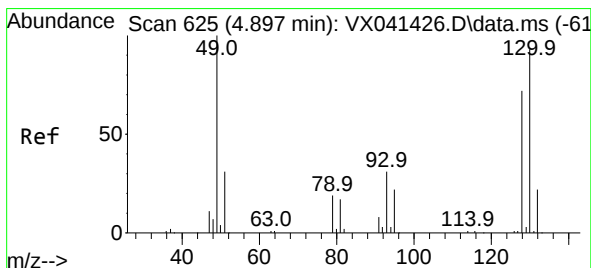
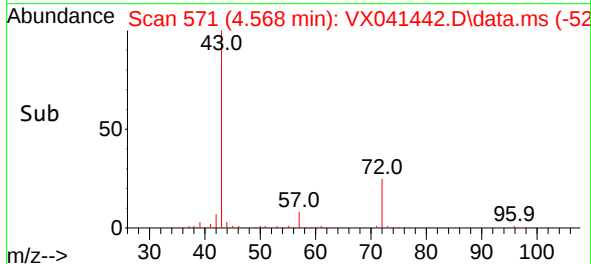
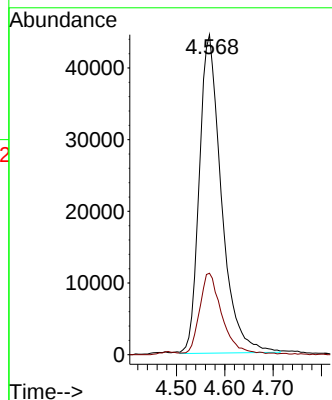
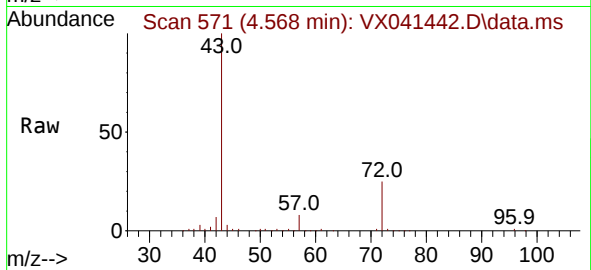
#22
2-Butanone
Concen: 97.033 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD

Tgt Ion: 43 Resp: 140970
Ion Ratio Lower Upper
43 100
72 25.8 12.4 37.4

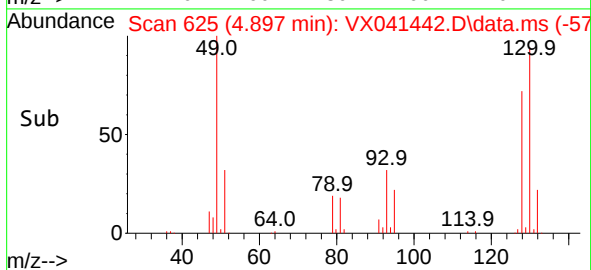
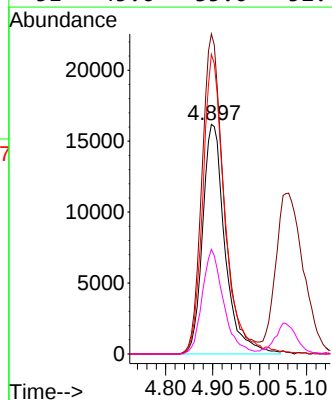
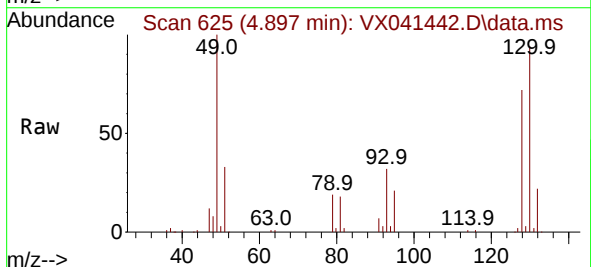
Manual Integrations
APPROVED

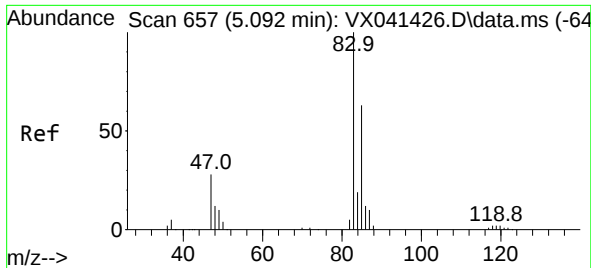
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#23
Bromochloromethane
Concen: 54.229 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Tgt Ion:128 Resp: 53311
Ion Ratio Lower Upper
128 100
49 139.4 97.7 181.5
130 130.4 90.5 168.1
51 45.6 35.0 52.4





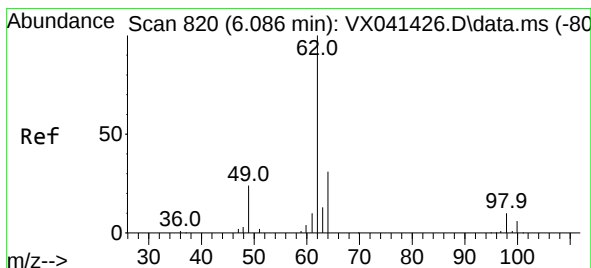
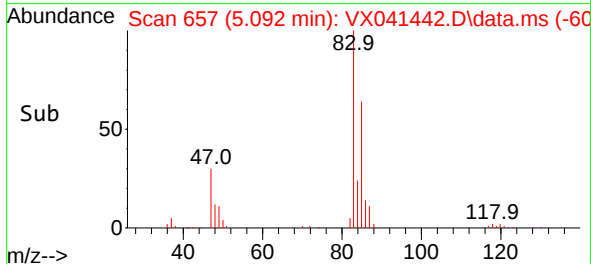
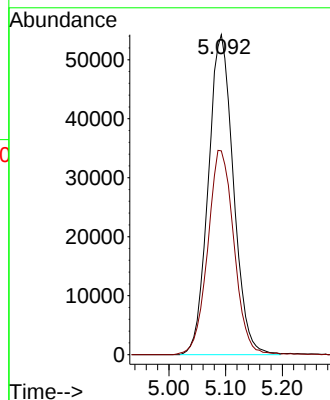
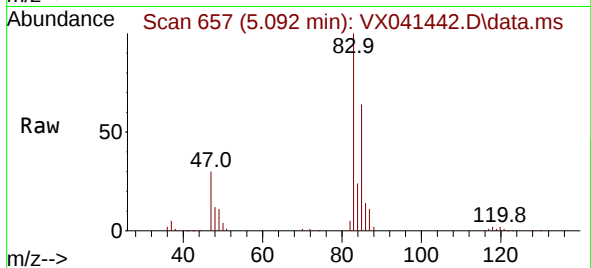
#25
Chloroform
Concen: 52.190 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD

Tgt Ion: 83 Resp: 16699
Ion Ratio Lower Upper
83 100
85 63.7 43.8 81.4

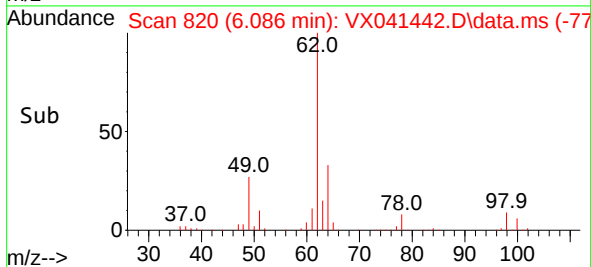
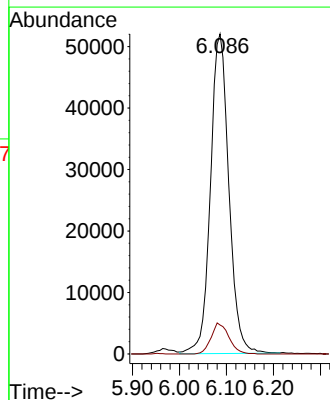
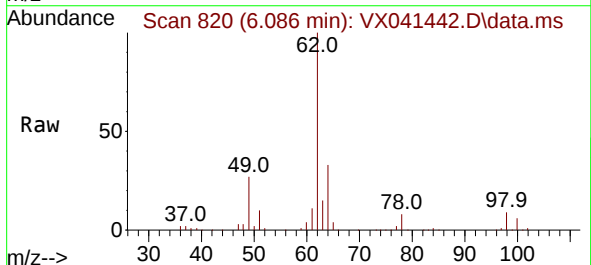
Manual Integrations
APPROVED

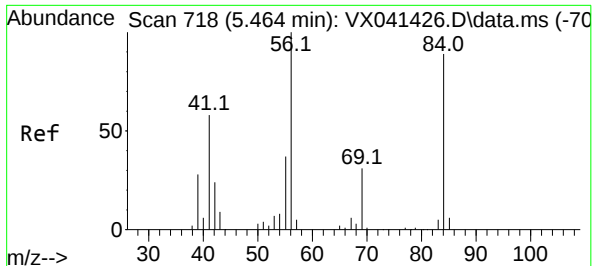
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#27
1,2-Dichloroethane
Concen: 52.997 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

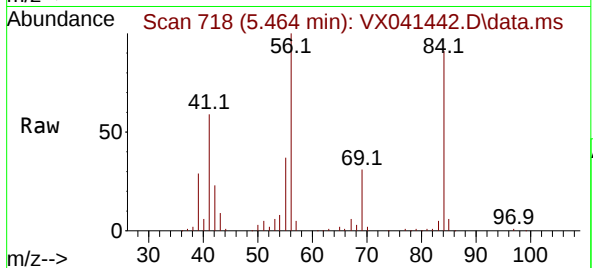
Tgt Ion: 62 Resp: 141303
Ion Ratio Lower Upper
62 100
98 9.1 8.2 12.2





#29
Cyclohexane
Concen: 50.813 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

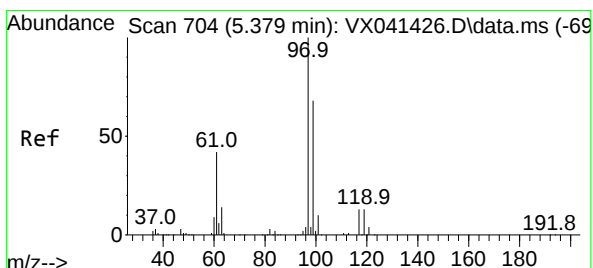
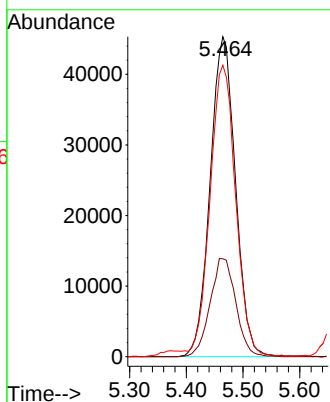
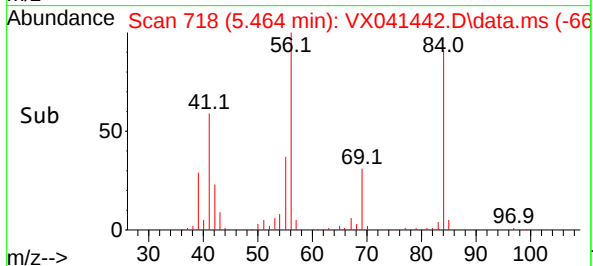
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 56 Resp: 140394
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.6
84 91.7 73.3 109.9

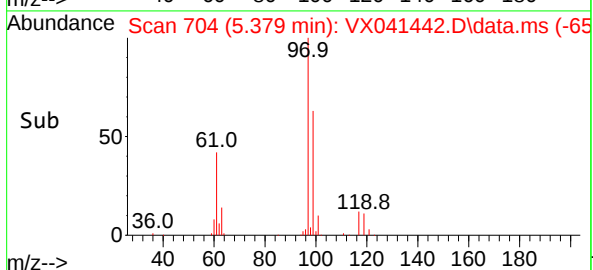
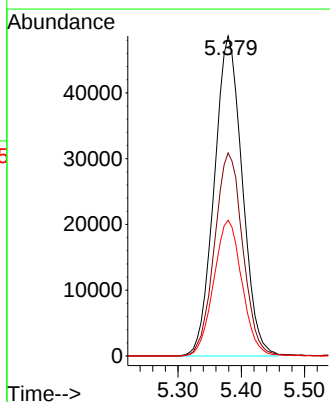
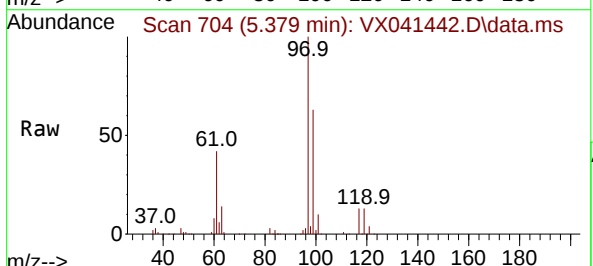
Manual Integrations
APPROVED

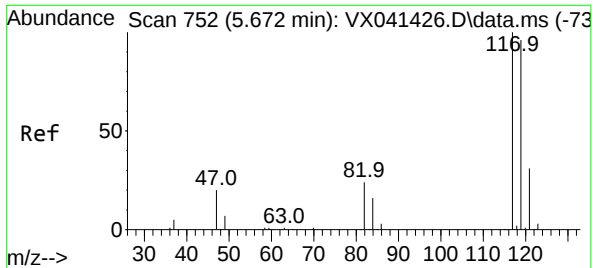
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#30
1,1,1-Trichloroethane
Concen: 51.067 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

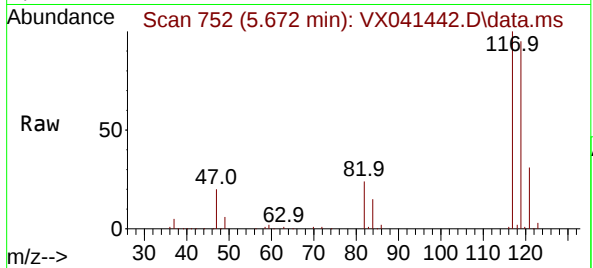
Tgt Ion: 97 Resp: 149358
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 43.1 34.6 51.8





#31
Carbon tetrachloride
Concen: 50.859 ug/L
RT: 5.672 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

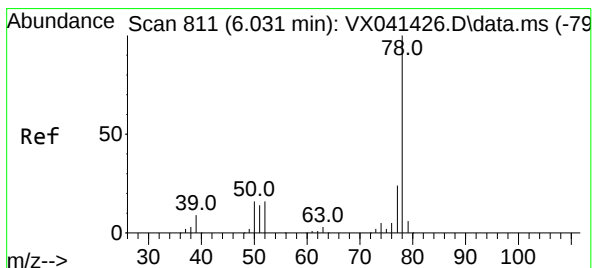
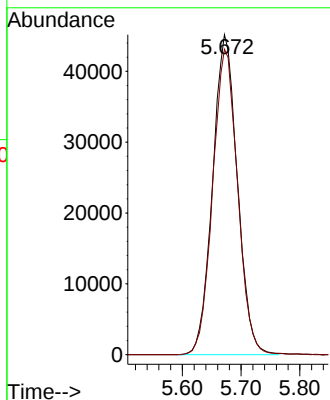
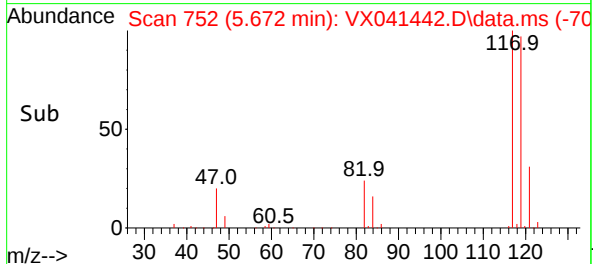
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion:117 Resp: 132054
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5

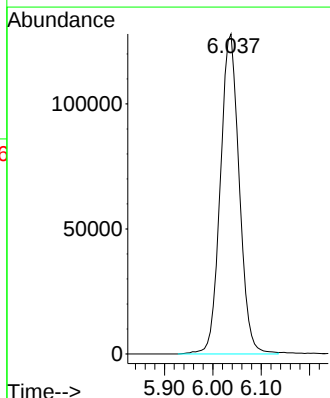
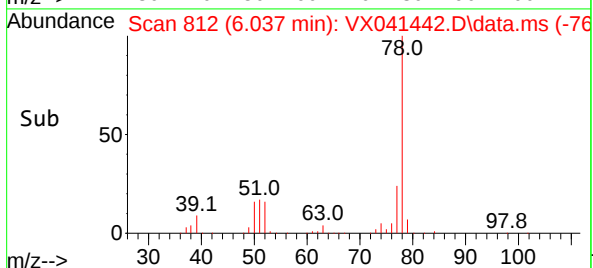
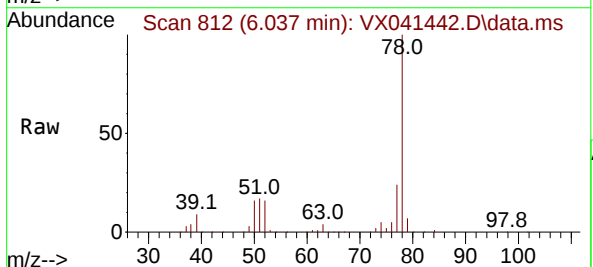
Manual Integrations
APPROVED

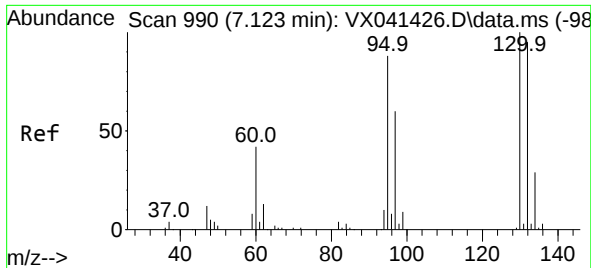
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#33
Benzene
Concen: 50.030 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Tgt Ion: 78 Resp: 347846





#34

Trichloroethene

Concen: 49.412 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

Tgt Ion: 95 Resp: 94104

Ion Ratio Lower Upper

95 100

97 63.8 47.3 87.9

132 103.6 75.0 139.4

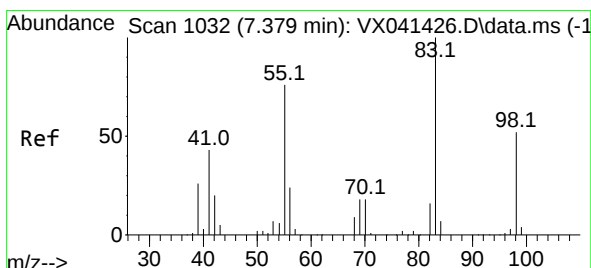
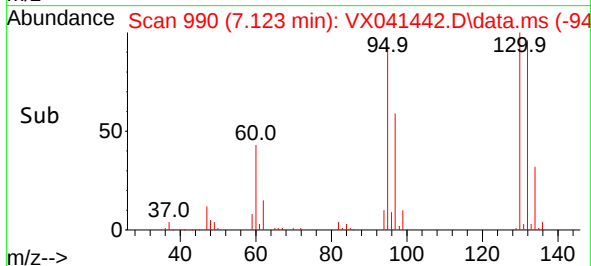
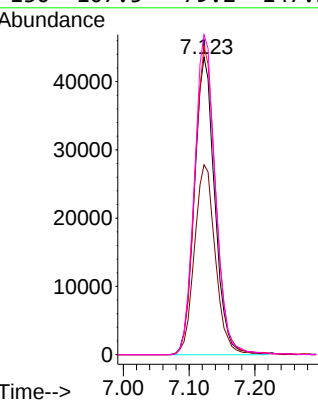
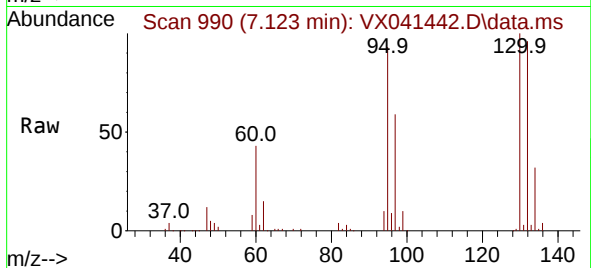
130 107.5 79.2 147.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#35

Methylcyclohexane

Concen: 49.271 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

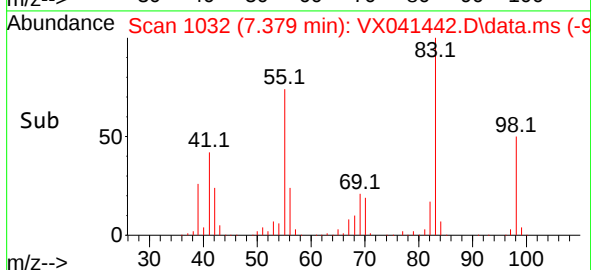
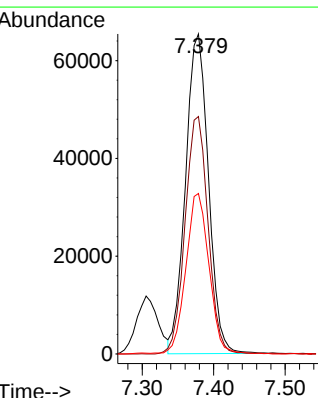
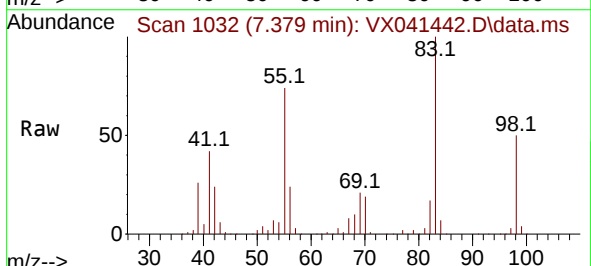
Tgt Ion: 83 Resp: 145401

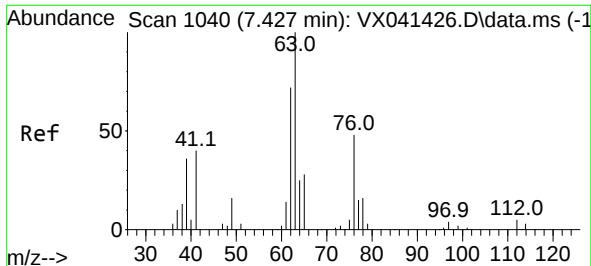
Ion Ratio Lower Upper

83 100

55 74.5 59.0 88.4

98 50.7 40.8 61.2





#37

1,2-Dichloropropane

Concen: 51.419 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

Tgt Ion: 63 Resp: 90025

Ion Ratio Lower Upper

63 100

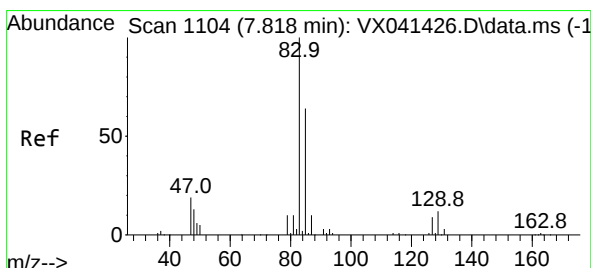
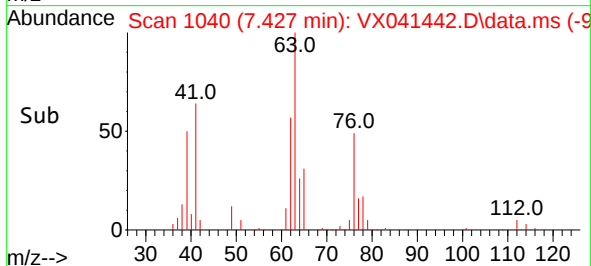
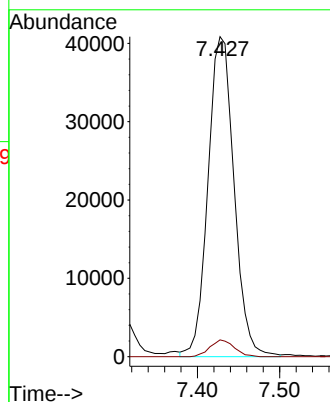
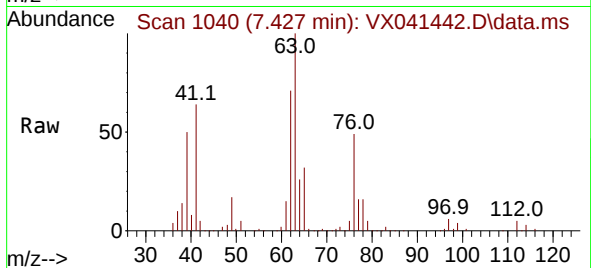
112 4.9 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#38

Bromodichloromethane

Concen: 48.731 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

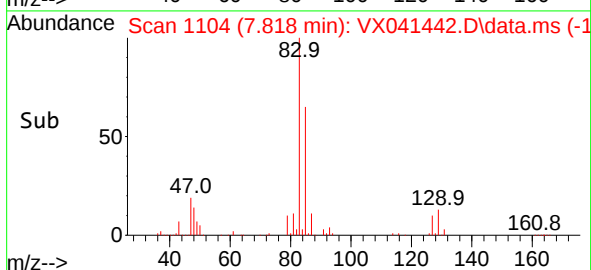
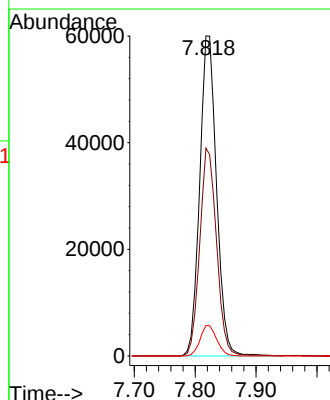
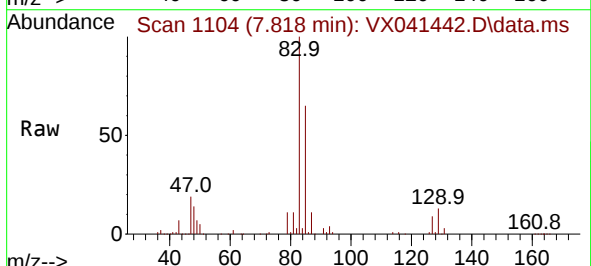
Tgt Ion: 83 Resp: 115323

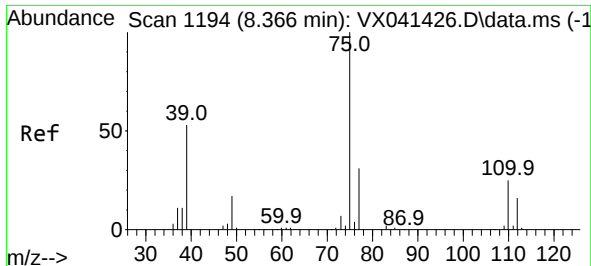
Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

127 9.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 49.243 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

Tgt Ion: 75 Resp: 142770

Ion Ratio Lower Upper

75 100

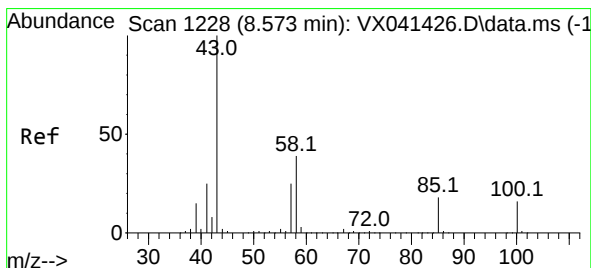
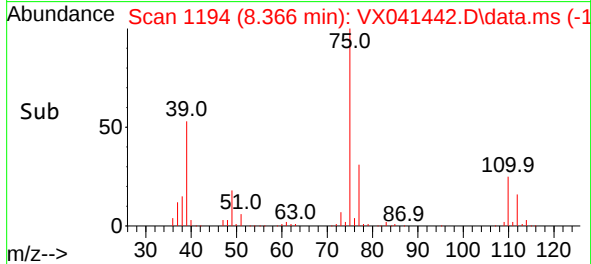
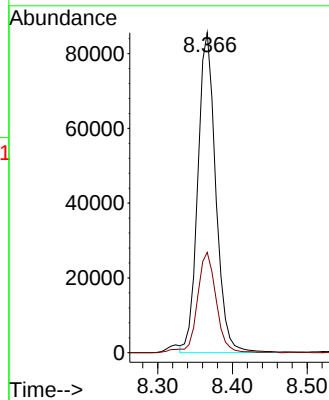
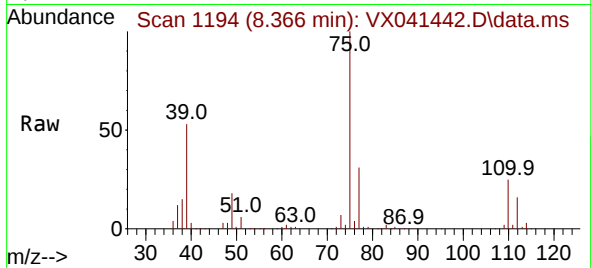
77 31.4 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#40

4-Methyl-2-pentanone

Concen: 99.783 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

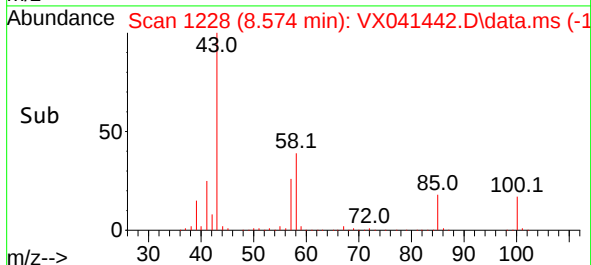
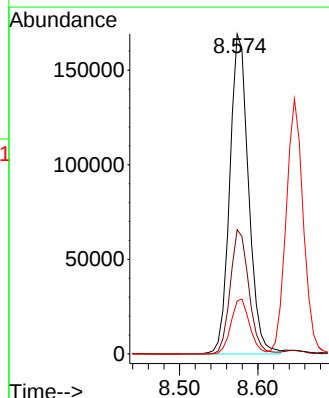
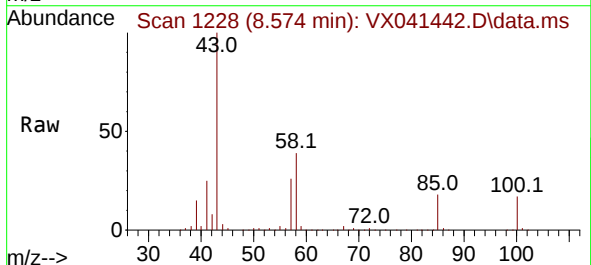
Tgt Ion: 43 Resp: 281152

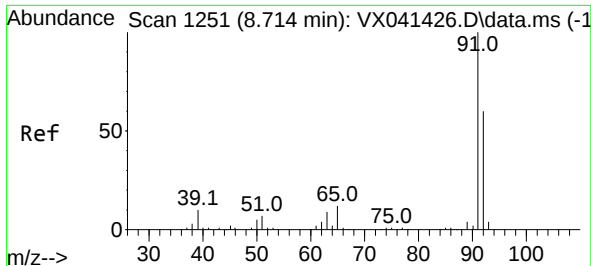
Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

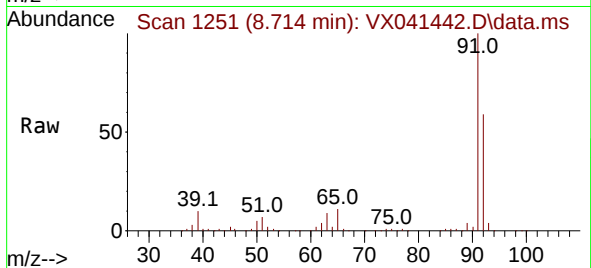
100 17.0 13.6 20.4





#42
Toluene
Concen: 50.332 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

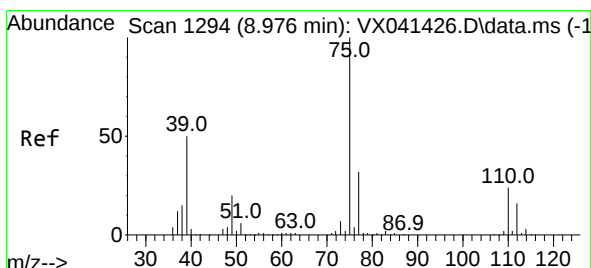
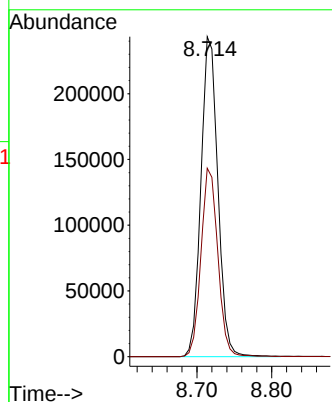
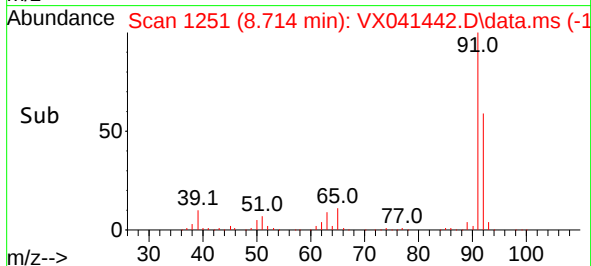
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 91 Resp: 38187
Ion Ratio Lower Upper
91 100
92 58.9 42.4 78.6

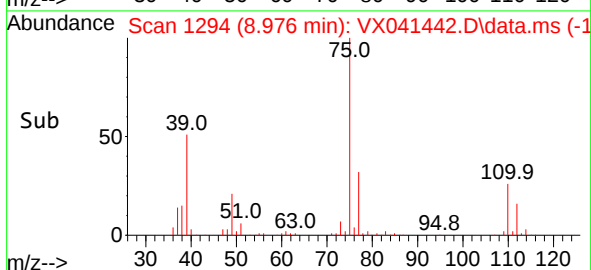
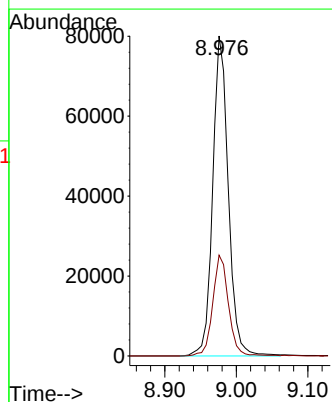
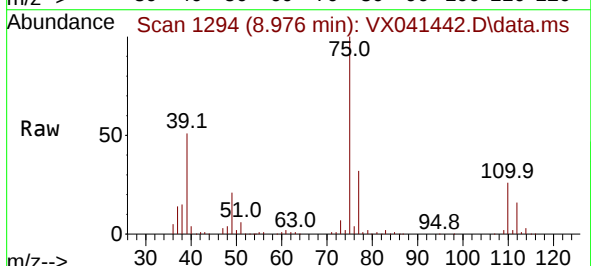
Manual Integrations
APPROVED

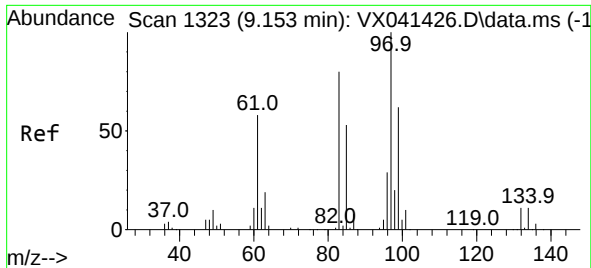
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#44
trans-1,3-Dichloropropene
Concen: 44.800 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

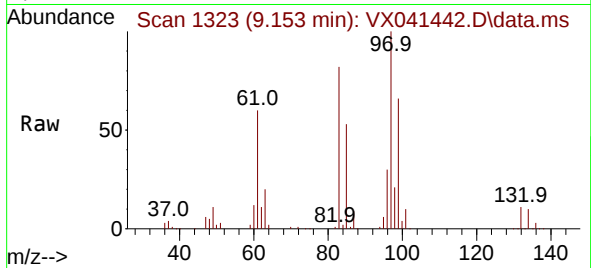
Tgt Ion: 75 Resp: 121129
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.3





#45
1,1,2-Trichloroethane
Concen: 49.327 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

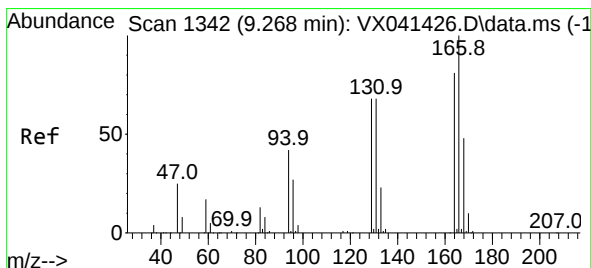
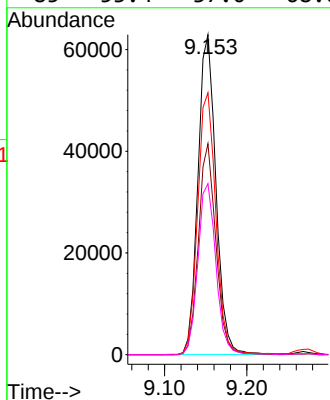
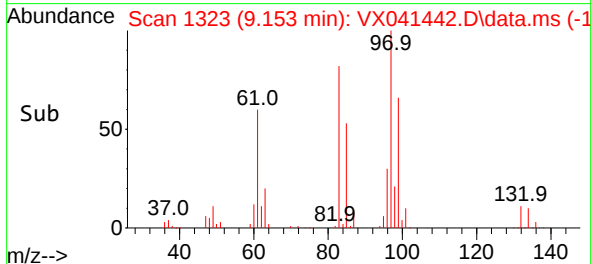
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



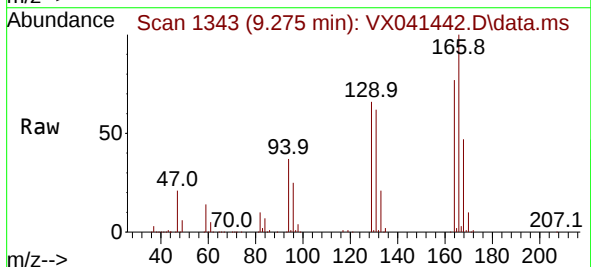
Tgt Ion:	97	Resp:	95498
Ion Ratio	100	Lower	Upper
97	100		
99	65.9	43.4	80.6
83	81.8	56.1	104.3
85	53.4	37.0	68.6

Manual Integrations
APPROVED

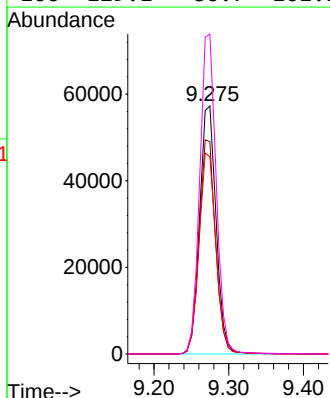
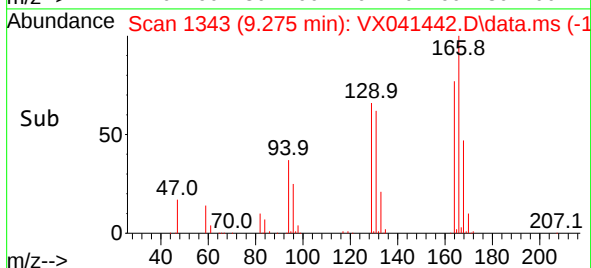
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

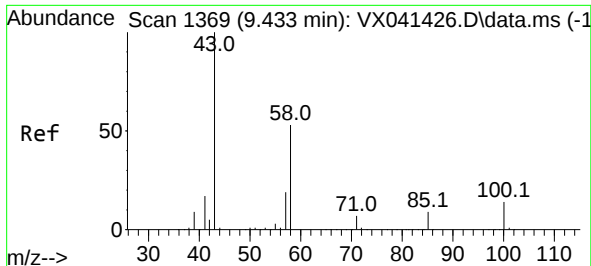


#46
Tetrachloroethene
Concen: 48.246 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15



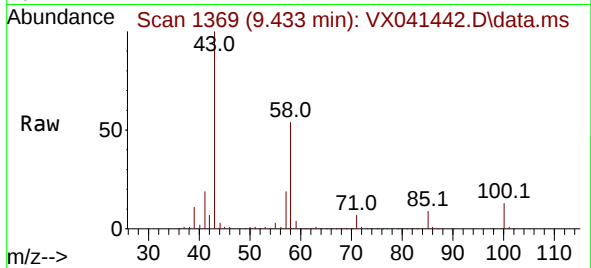
Tgt Ion:	164	Resp:	87934
Ion Ratio	100	Lower	Upper
164	100		
129	85.7	59.4	110.4
131	79.6	58.7	108.9
166	129.1	86.7	161.1





#48
2-Hexanone
Concen: 98.066 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

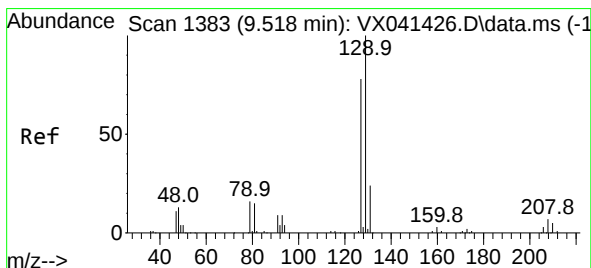
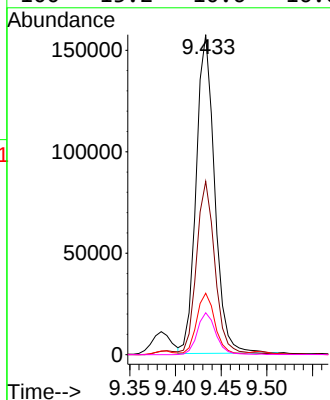
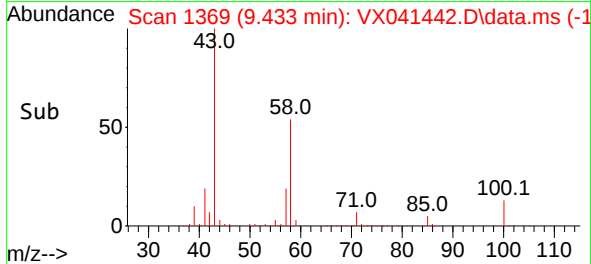
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



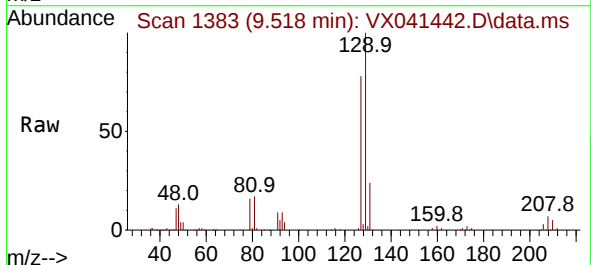
Tgt Ion: 43 Resp: 221369
Ion Ratio Lower Upper
43 100
58 54.3 42.3 63.5
57 19.3 15.1 22.7
100 13.2 10.6 16.0

Manual Integrations
APPROVED

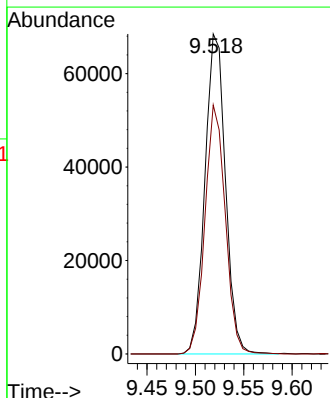
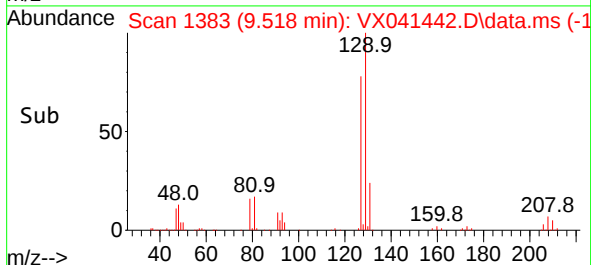
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

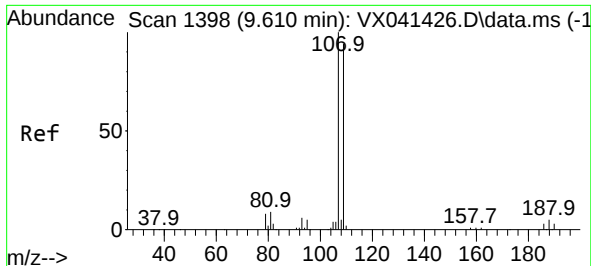


#49
Dibromochloromethane
Concen: 51.580 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15



Tgt Ion:129 Resp: 100945
Ion Ratio Lower Upper
129 100
127 77.8 54.4 101.0





#50

1,2-Dibromoethane

Concen: 51.608 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

Tgt Ion:107 Resp: 103954

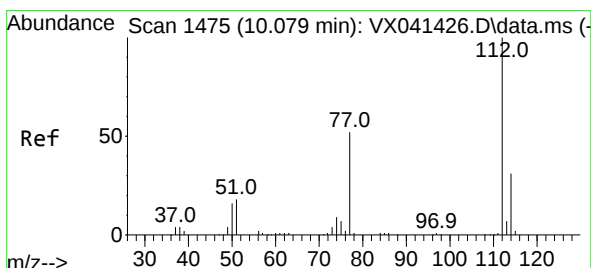
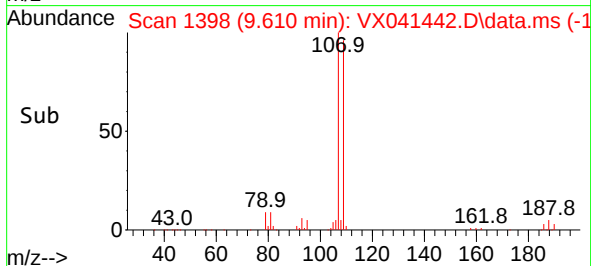
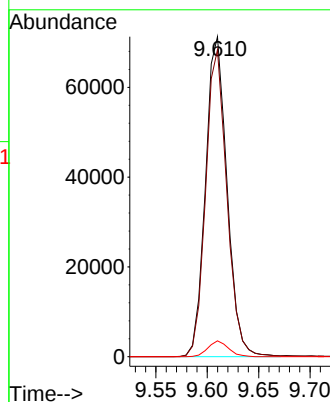
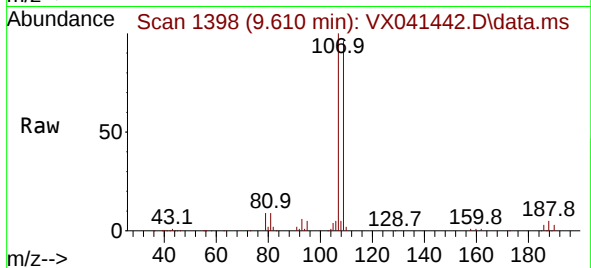
Ion	Ratio	Lower	Upper
107	100		
109	96.0	66.1	122.7
188	5.0	4.0	6.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#51

Chlorobenzene

Concen: 50.905 ug/L

RT: 10.079 min Scan# 1475

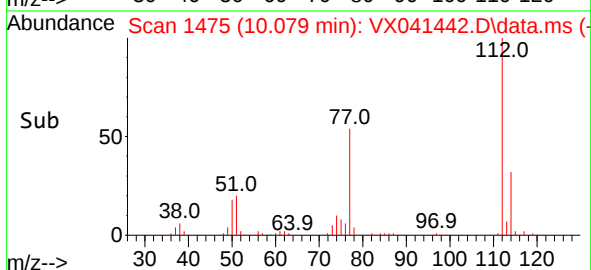
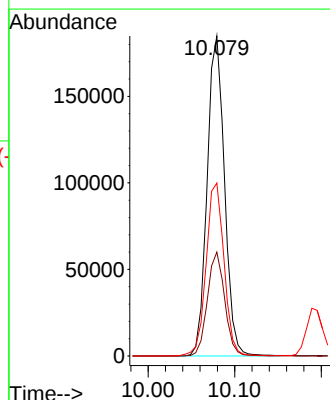
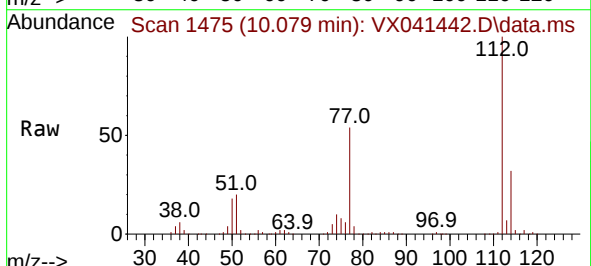
Delta R.T. 0.000 min

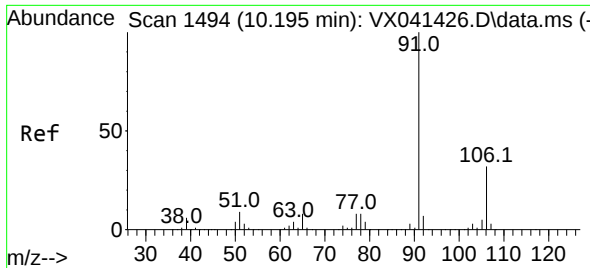
Lab File: VX041442.D

Acq: 09 May 2024 18:15

Tgt Ion:112 Resp: 257560

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	41.0
77	54.0	41.7	62.5





#52

Ethylbenzene

Concen: 51.136 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

Tgt Ion: 91 Resp: 425690

Ion Ratio Lower Upper

91 100

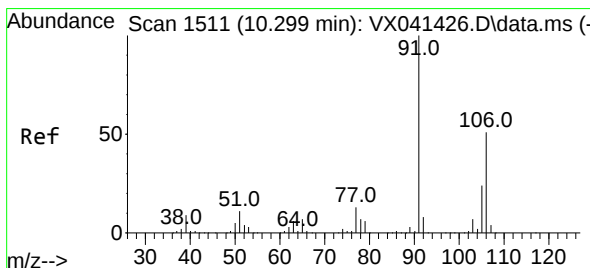
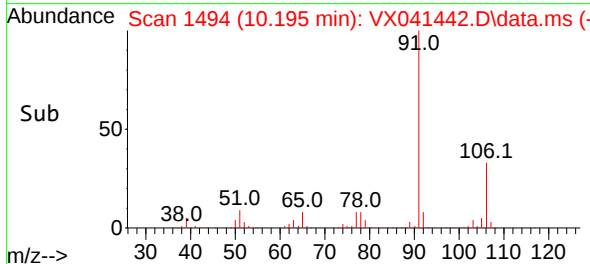
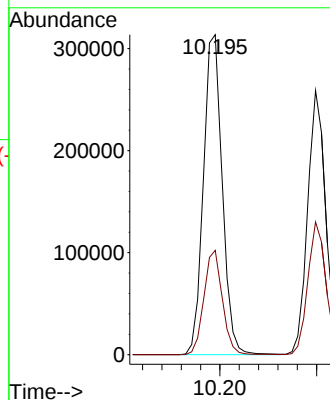
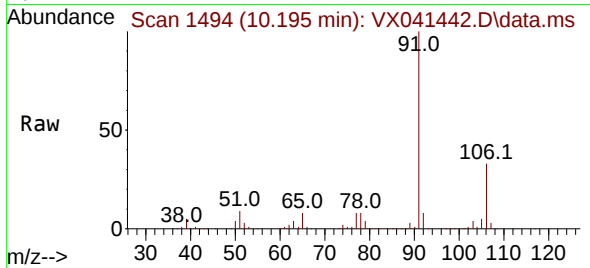
106 32.6 22.2 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#53

m,p-Xylene

Concen: 51.170 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041442.D

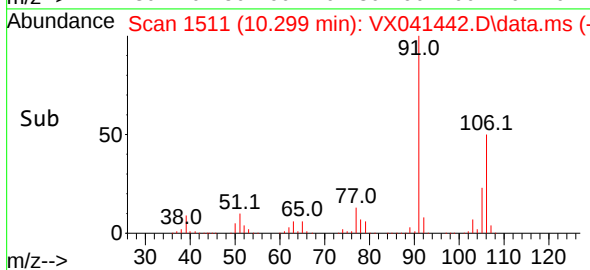
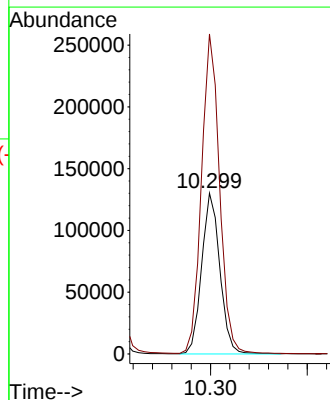
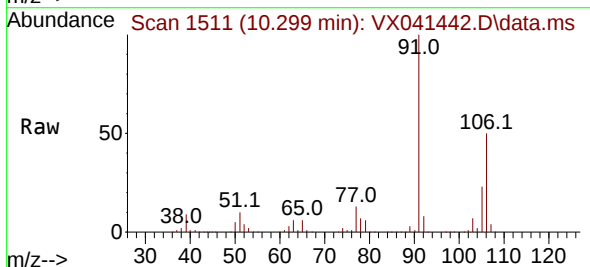
Acq: 09 May 2024 18:15

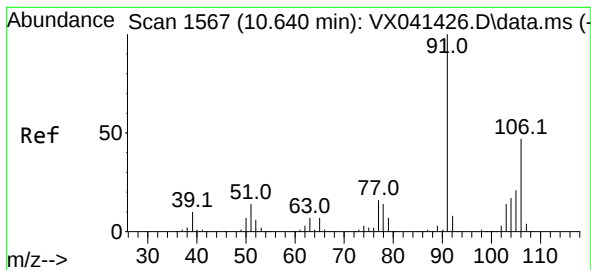
Tgt Ion:106 Resp: 170393

Ion Ratio Lower Upper

106 100

91 199.0 138.1 256.5





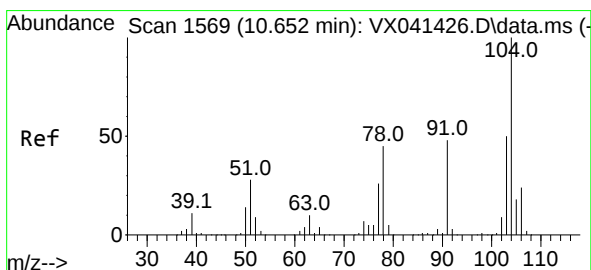
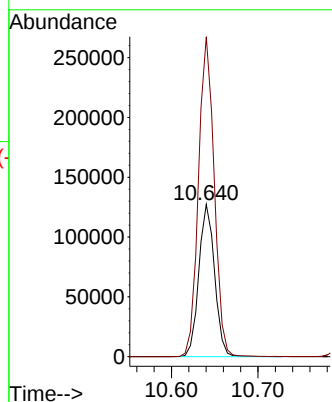
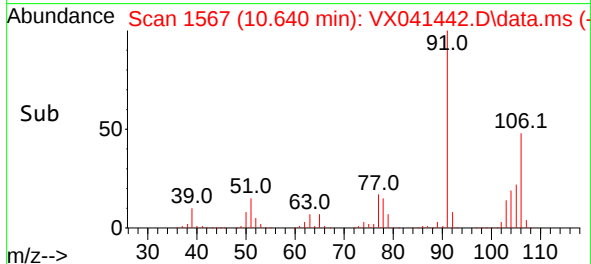
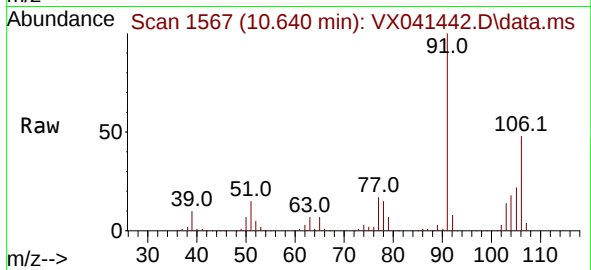
#54
o-Xylene
Concen: 47.319 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD

Tgt Ion:106 Resp: 160568
Ion Ratio Lower Upper
106 100
91 210.1 148.4 275.6

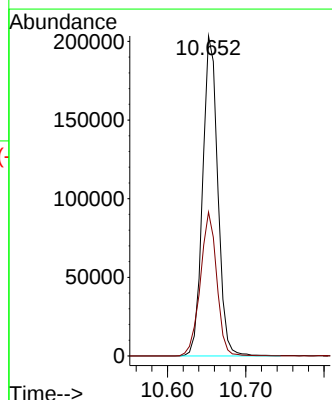
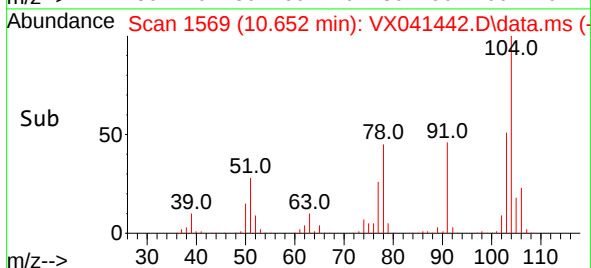
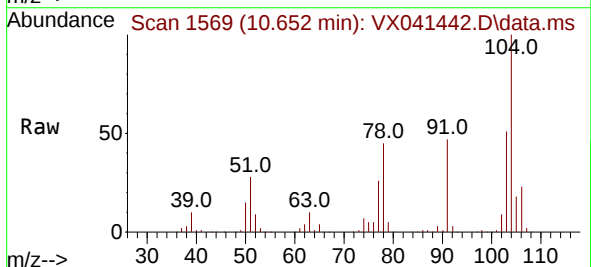
Manual Integrations
APPROVED

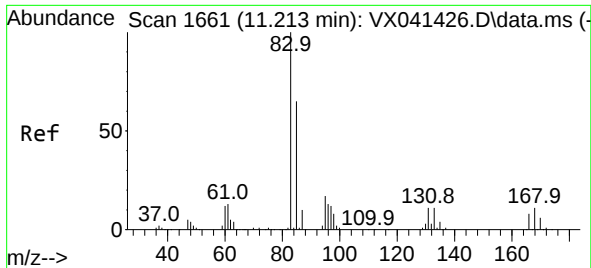
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#55
Styrene
Concen: 48.128 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

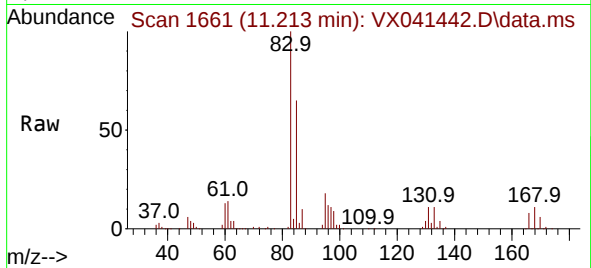
Tgt Ion:104 Resp: 272733
Ion Ratio Lower Upper
104 100
78 44.9 31.2 58.0





#57
1,1,2,2-Tetrachloroethane
Concen: 44.584 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

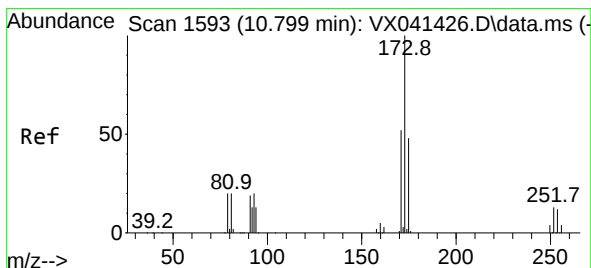
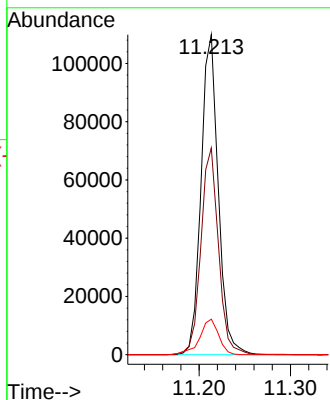
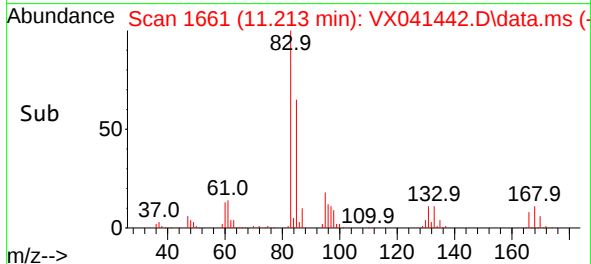
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



Tgt Ion: 83 Resp: 143219
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.4
131 11.1 9.0 13.4

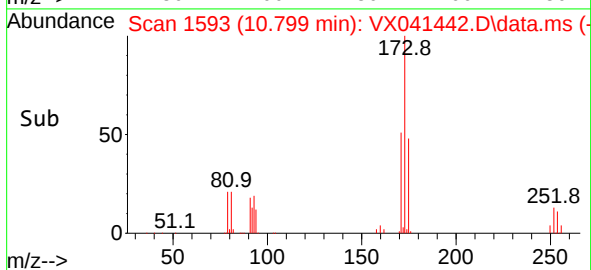
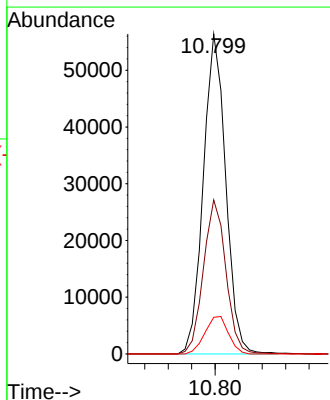
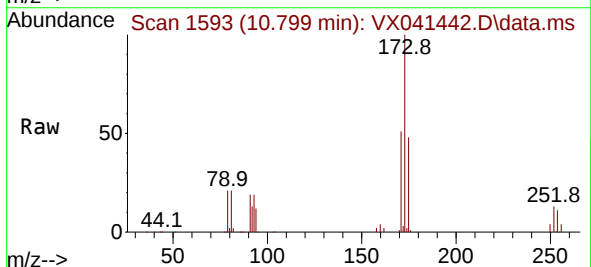
Manual Integrations
APPROVED

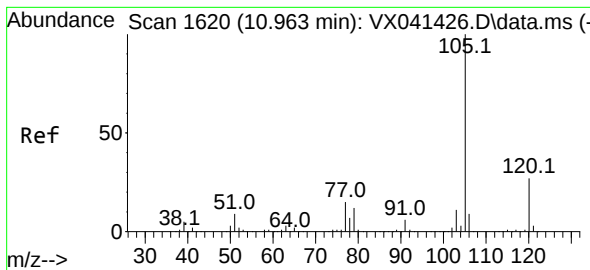
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#59
Bromoform
Concen: 46.049 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

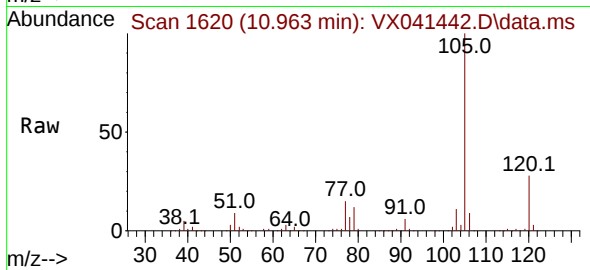
Tgt Ion:173 Resp: 74679
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 12.3 10.0 15.0





#60
Isopropylbenzene
Concen: 44.954 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

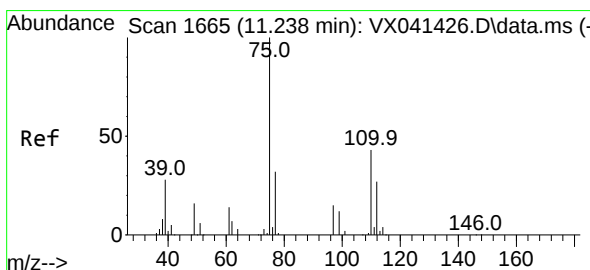
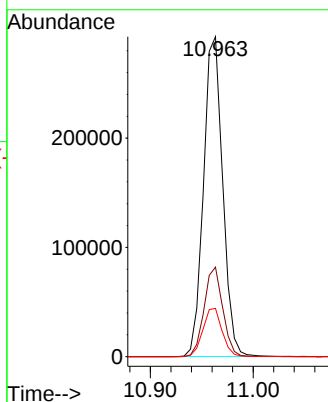
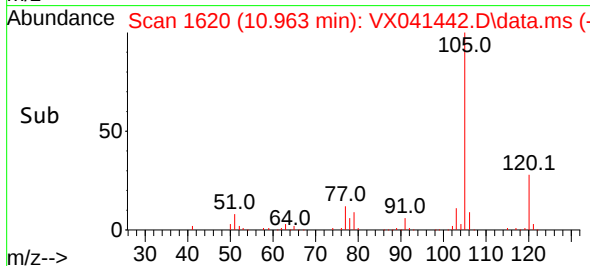
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



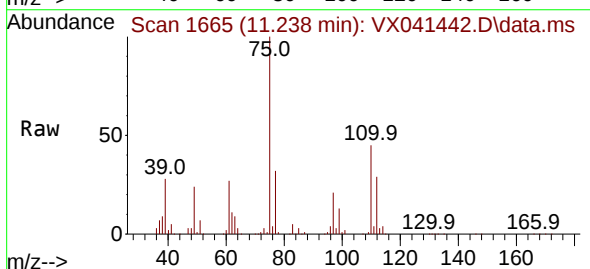
Tgt Ion:105 Resp: 380100
Ion Ratio Lower Upper
105 100
120 27.3 22.0 33.0
77 15.2 12.1 18.1

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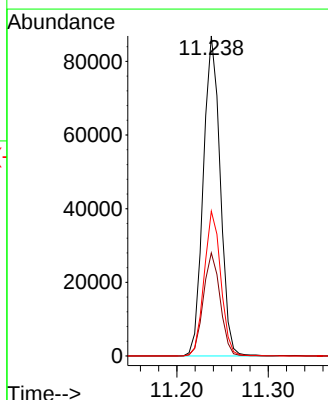
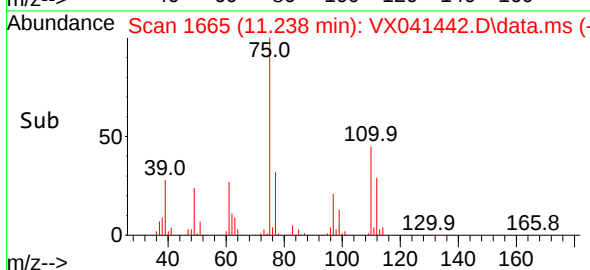
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

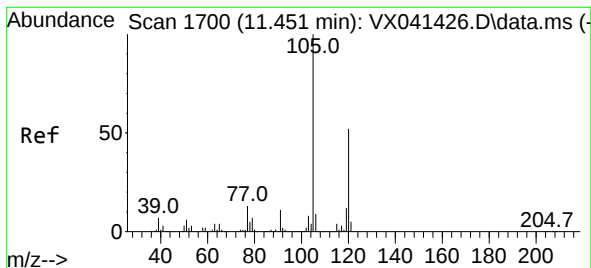


#61
1,2,3-Trichloropropane
Concen: 47.069 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15



Tgt Ion: 75 Resp: 111504
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 44.3 34.8 52.2





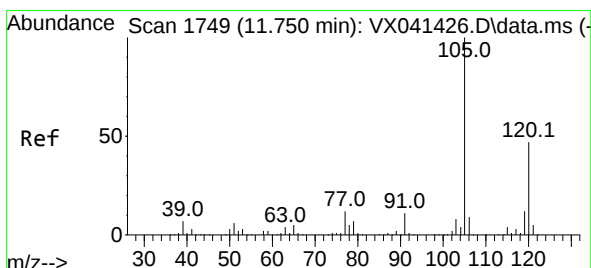
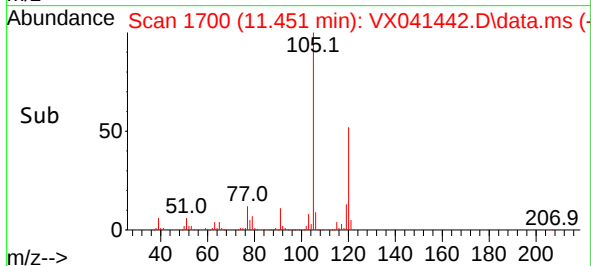
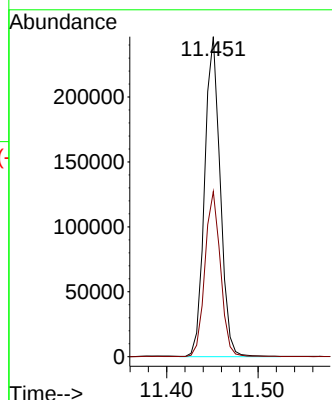
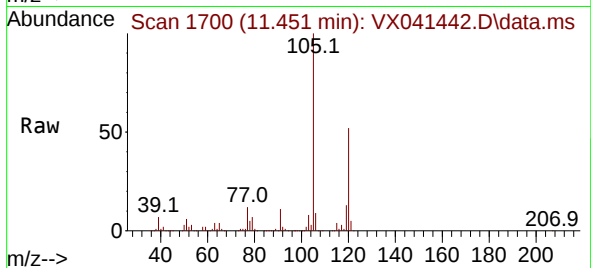
#62
1,3,5-Trimethylbenzene
Concen: 50.984 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD

Tgt Ion:105 Resp: 291252
Ion Ratio Lower Upper
105 100
120 51.3 40.6 61.0

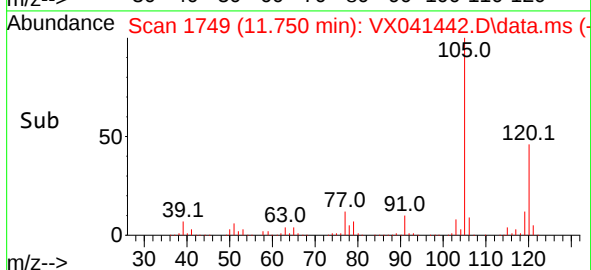
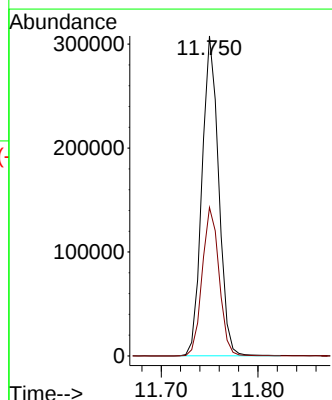
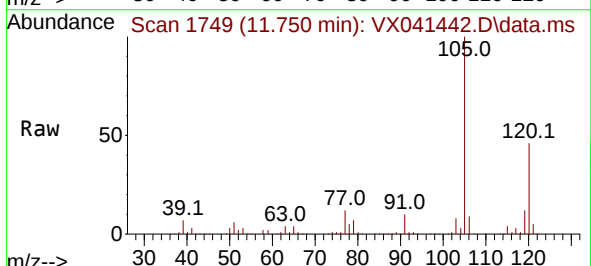
Manual Integrations
APPROVED

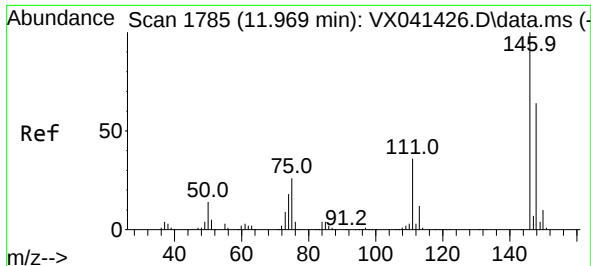
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#63
1,2,4-Trimethylbenzene
Concen: 53.368 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

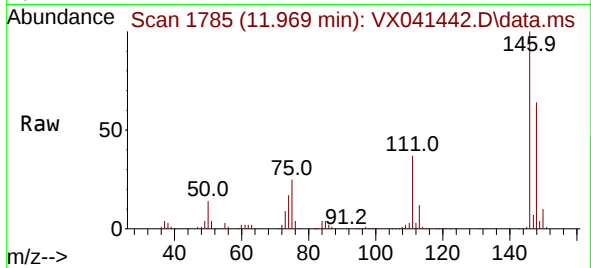
Tgt Ion:105 Resp: 369381
Ion Ratio Lower Upper
105 100
120 46.9 37.9 56.9





#64
1,3-Dichlorobenzene
Concen: 51.841 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

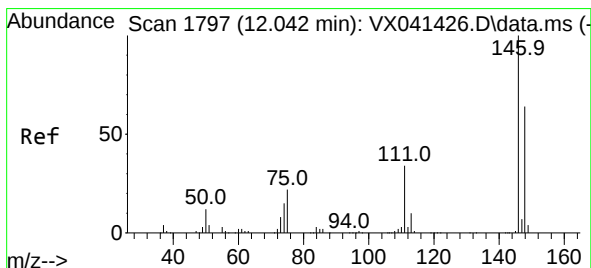
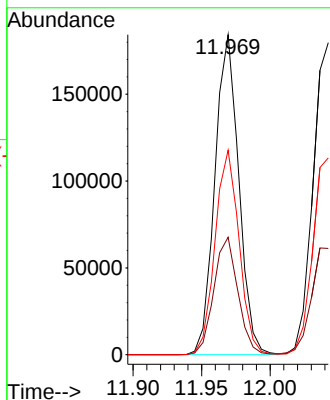
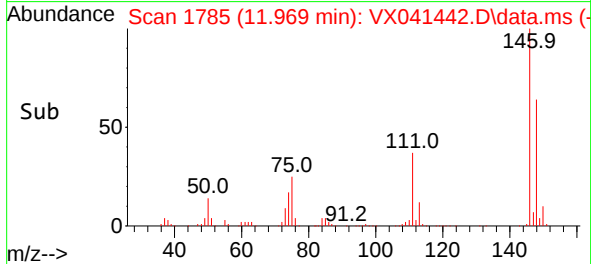
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



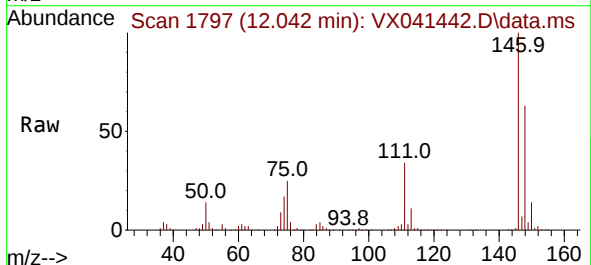
Tgt Ion:146 Resp: 223000
Ion Ratio Lower Upper
146 100
111 36.7 24.8 46.1
148 63.9 44.8 83.2

Manual Integrations
APPROVED

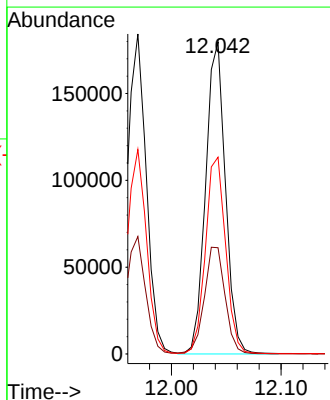
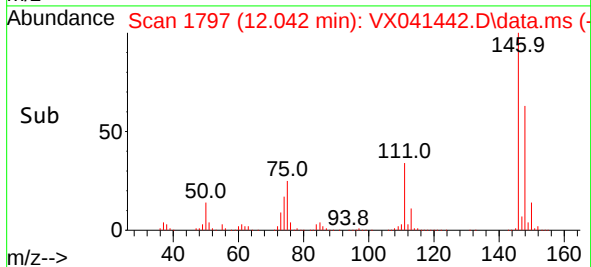
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

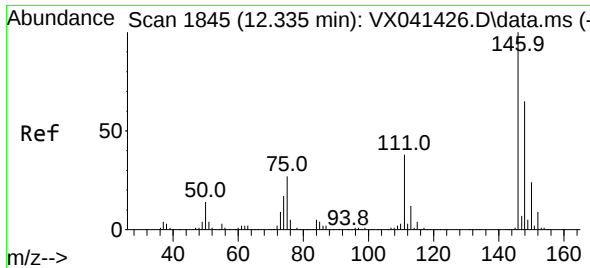


#65
1,4-Dichlorobenzene
Concen: 51.453 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15



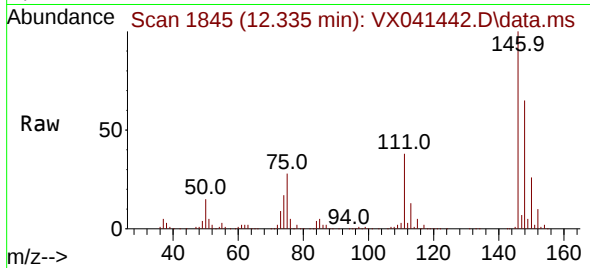
Tgt Ion:146 Resp: 225297
Ion Ratio Lower Upper
146 100
111 34.1 24.1 44.8
148 63.1 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 51.504 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

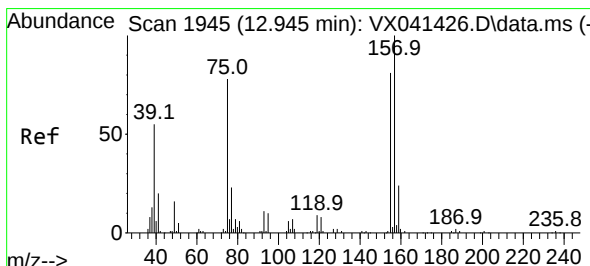
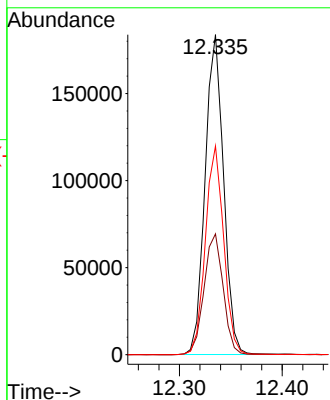
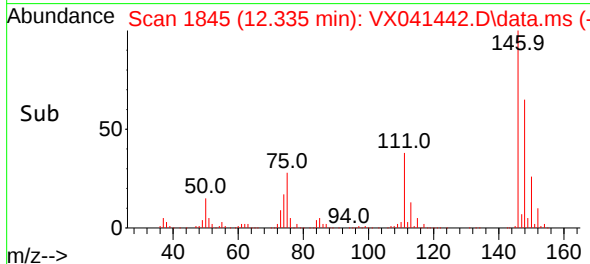
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



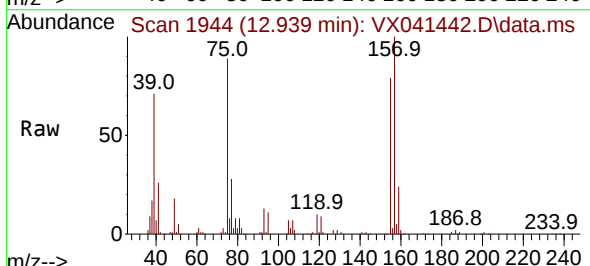
Tgt Ion:146 Resp: 22942
Ion Ratio Lower Upper
146 100
111 37.8 30.2 45.2
148 65.2 52.3 78.5

Manual Integrations
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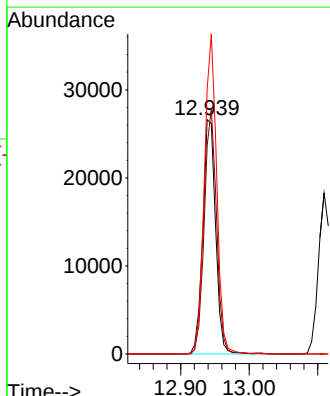
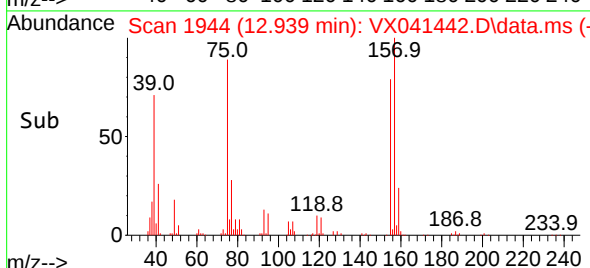
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

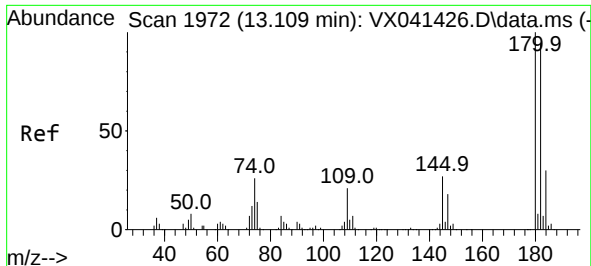


#68
1,2-Dibromo-3-chloropropane
Concen: 54.348 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15



Tgt Ion: 75 Resp: 34644
Ion Ratio Lower Upper
75 100
155 88.8 83.2 124.8
157 113.0 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 50.424 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

E0Y34MSD

Tgt Ion:180 Resp: 16189

Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

184 31.2 24.3 36.5

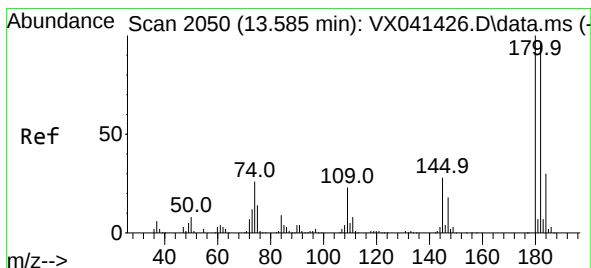
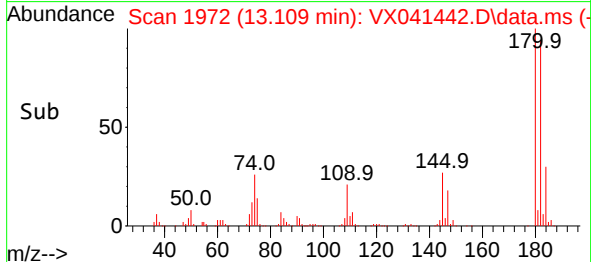
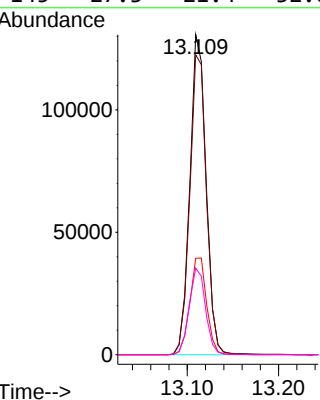
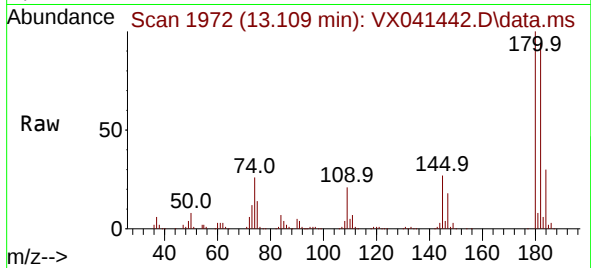
145 27.3 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#70

1,2,4-trichlorobenzene

Concen: 52.977 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041442.D

Acq: 09 May 2024 18:15

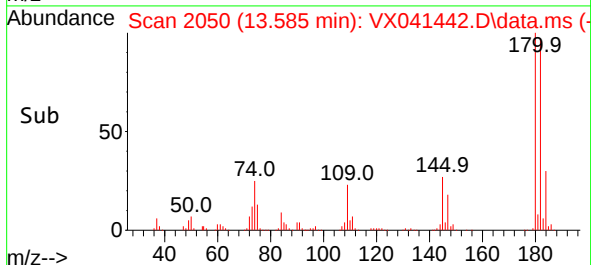
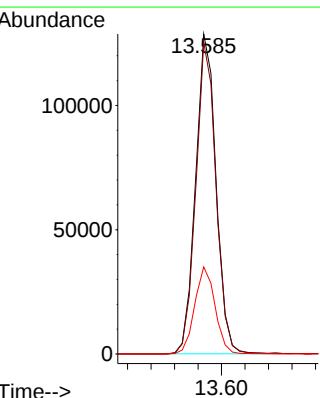
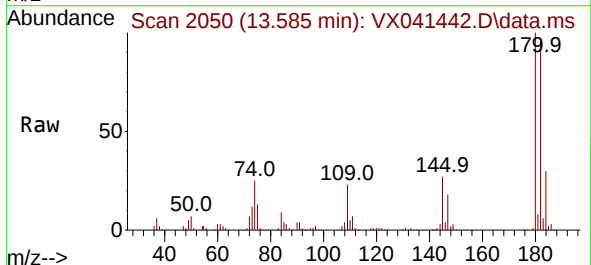
Tgt Ion:180 Resp: 155318

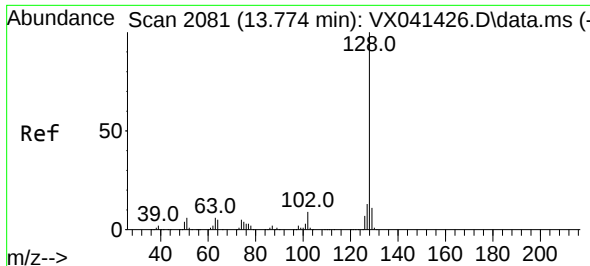
Ion Ratio Lower Upper

180 100

182 96.0 76.3 114.5

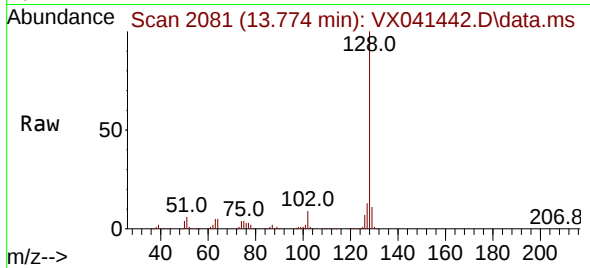
145 27.1 22.0 33.0





#71
Naphthalene
Concen: 54.991 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15

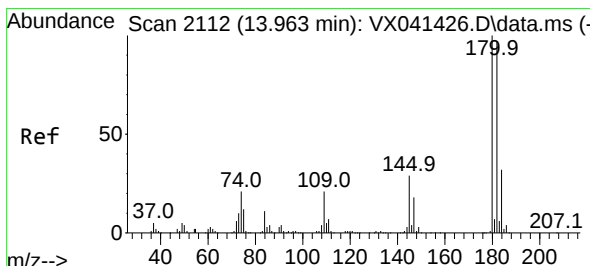
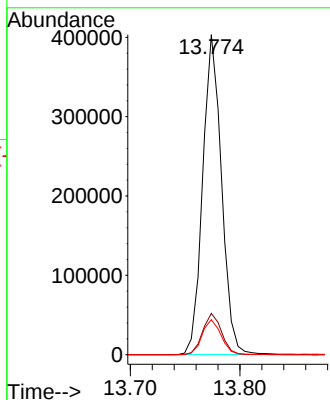
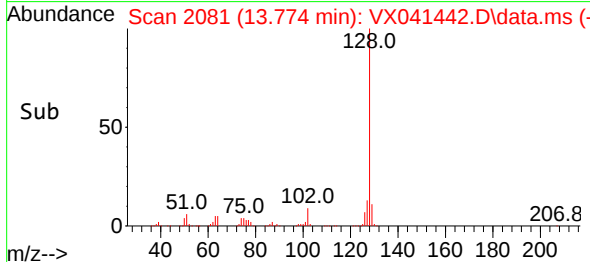
Instrument :
MSVOA_X
ClientSampleId :
E0Y34MSD



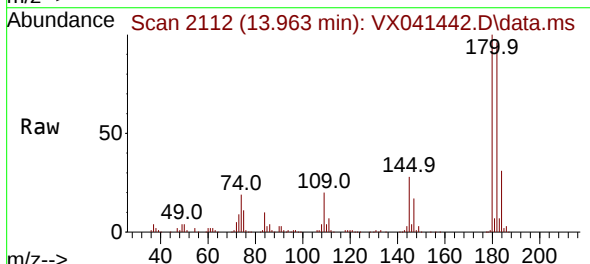
Tgt Ion:128 Resp: 48121
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#72
1,2,3-Trichlorobenzene
Concen: 53.930 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041442.D
Acq: 09 May 2024 18:15



Tgt Ion:180 Resp: 164863
Ion Ratio Lower Upper
180 100
182 94.3 77.5 116.3
145 29.0 23.8 35.8

