

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019094.D
 Acq On : 23 Oct 2020 23:13
 Operator : JC/SP
 Sample : VX1023WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:02:42 AM

Quant Time: Oct 26 05:49:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	216408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127349	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	110895	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.70	98	423792	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	147829	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41737	19.362	ug/l	99
3) Chloromethane	1.31	50	38319	17.879	ug/l	100
4) Vinyl Chloride	1.39	62	47976	18.971	ug/l	99
5) Bromomethane	1.64	94	46167	16.249	ug/l	97
6) Chloroethane	1.72	64	32038	16.573	ug/l	97
7) Trichlorofluoromethane	1.92	101	80346	18.800	ug/l	97
8) Diethyl Ether	2.17	74	31176	18.630	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39087	19.306	ug/l	100
10) Methyl Iodide	2.50	142	34174	15.598	ug/l	99
11) Tert butyl alcohol	3.02	59	47712	90.878	ug/l	97
12) 1,1-Dichloroethene	2.36	96	39522	18.763	ug/l	99
13) Acrolein	2.28	56	19448	106.506	ug/l	97
14) Allyl chloride	2.71	41	49655	18.223	ug/l	98
15) Acrylonitrile	3.12	53	94892	93.468	ug/l	100
16) Acetone	2.42	43	79564	90.113	ug/l	99
17) Carbon Disulfide	2.55	76	102548	16.881	ug/l	99
18) Methyl Acetate	2.75	43	42966	19.610	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	126303	18.930	ug/l	99
20) Methylene Chloride	2.84	84	46168	18.782	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	44954	18.290	ug/l	99
22) Diisopropyl ether	3.82	45	100562	18.715	ug/l	99
23) Vinyl Acetate	3.78	43	477479	93.584	ug/l	100
24) 1,1-Dichloroethane	3.67	63	74588	19.061	ug/l	99
25) 2-Butanone	4.64	43	130340	93.426	ug/l	98
26) 2,2-Dichloropropane	4.55	77	61009	16.886	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52613	18.862	ug/l	98
28) Bromochloromethane	4.98	49	30304	18.238	ug/l	98
29) Tetrahydrofuran	5.09	42	75052	90.005	ug/l	99
30) Chloroform	5.18	83	82839	19.499	ug/l	97
31) Cyclohexane	5.55	56	55412	18.254	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	73629	19.109	ug/l	98
36) 1,1-Dichloropropene	5.77	75	59582	17.961	ug/l	100
37) Ethyl Acetate	4.79	43	51599	18.224	ug/l	98
38) Carbon Tetrachloride	5.76	117	62189	17.861	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:02:42 AM

Quant Time: Oct 26 05:49:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	64834	17.445	ug/l	98
40) Benzene	6.11	78	182437	18.673	ug/l	100
41) Methacrylonitrile	5.00	41	27266	17.927	ug/l	99
42) 1,2-Dichloroethane	6.16	62	64071	19.216	ug/l	100
43) Isopropyl Acetate	6.41	43	86261	17.989	ug/l	99
44) Trichloroethene	7.18	130	52380	18.384	ug/l	98
45) 1,2-Dichloropropane	7.49	63	43460	18.545	ug/l	98
46) Dibromomethane	7.63	93	32909	18.437	ug/l	99
47) Bromodichloromethane	7.87	83	63662	18.191	ug/l	98
48) Methyl methacrylate	7.74	41	41366	17.508	ug/l	99
49) 1,4-Dioxane	7.73	88	19206	359.764	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	263296	93.181	ug/l	100
52) Toluene	8.76	92	120245	18.634	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	68403	17.308	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	73595	17.634	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	48193	18.320	ug/l	99
56) Ethyl methacrylate	9.16	69	68249	18.033	ug/l	97
57) 1,3-Dichloropropane	9.35	76	78823	18.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	176466	88.761	ug/l	100
59) 2-Hexanone	9.47	43	194648	92.438	ug/l	99
60) Dibromochloromethane	9.57	129	50626	17.657	ug/l	100
61) 1,2-Dibromoethane	9.65	107	50796	18.047	ug/l	99
64) Tetrachloroethene	9.32	164	48244	18.789	ug/l	93
65) Chlorobenzene	10.12	112	128606	18.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	47061	18.712	ug/l	100
67) Ethyl Benzene	10.23	91	226886	18.607	ug/l	98
68) m/p-Xylenes	10.34	106	171222	36.657	ug/l	98
69) o-Xylene	10.68	106	82398	18.432	ug/l	99
70) Styrene	10.70	104	137877	18.166	ug/l	100
71) Bromoform	10.84	173	34432	16.959	ug/l #	99
73) Isopropylbenzene	11.00	105	226284	18.647	ug/l	99
74) N-amyl acetate	10.88	43	70496	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	69622	19.044	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	63465m	18.823	ug/l	
77) Bromobenzene	11.24	156	54559	17.802	ug/l	99
78) n-propylbenzene	11.34	91	250375	18.208	ug/l	99
79) 2-Chlorotoluene	11.40	91	145644	18.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	181431	18.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	20744	15.675	ug/l	95
82) 4-Chlorotoluene	11.49	91	173648	18.192	ug/l	99
83) tert-Butylbenzene	11.76	119	180145	18.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	186029	18.539	ug/l	100
85) sec-Butylbenzene	11.93	105	215870	18.070	ug/l	99
86) p-Isopropyltoluene	12.05	119	201174	18.430	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	100976	17.961	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	102215	17.716	ug/l	99
89) n-Butylbenzene	12.37	91	175043	17.519	ug/l	99
90) Hexachloroethane	12.58	117	28975	17.339	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	98154	18.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15119	18.162	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1023WBS02

Manual Integrations
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Quant Time: Oct 26 05:49:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67788	17.676	ug/l	99
94) Hexachlorobutadiene	13.76	225	28640	16.109	ug/l	95
95) Naphthalene	13.82	128	222831	18.467	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	66033	17.690	ug/l	98

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

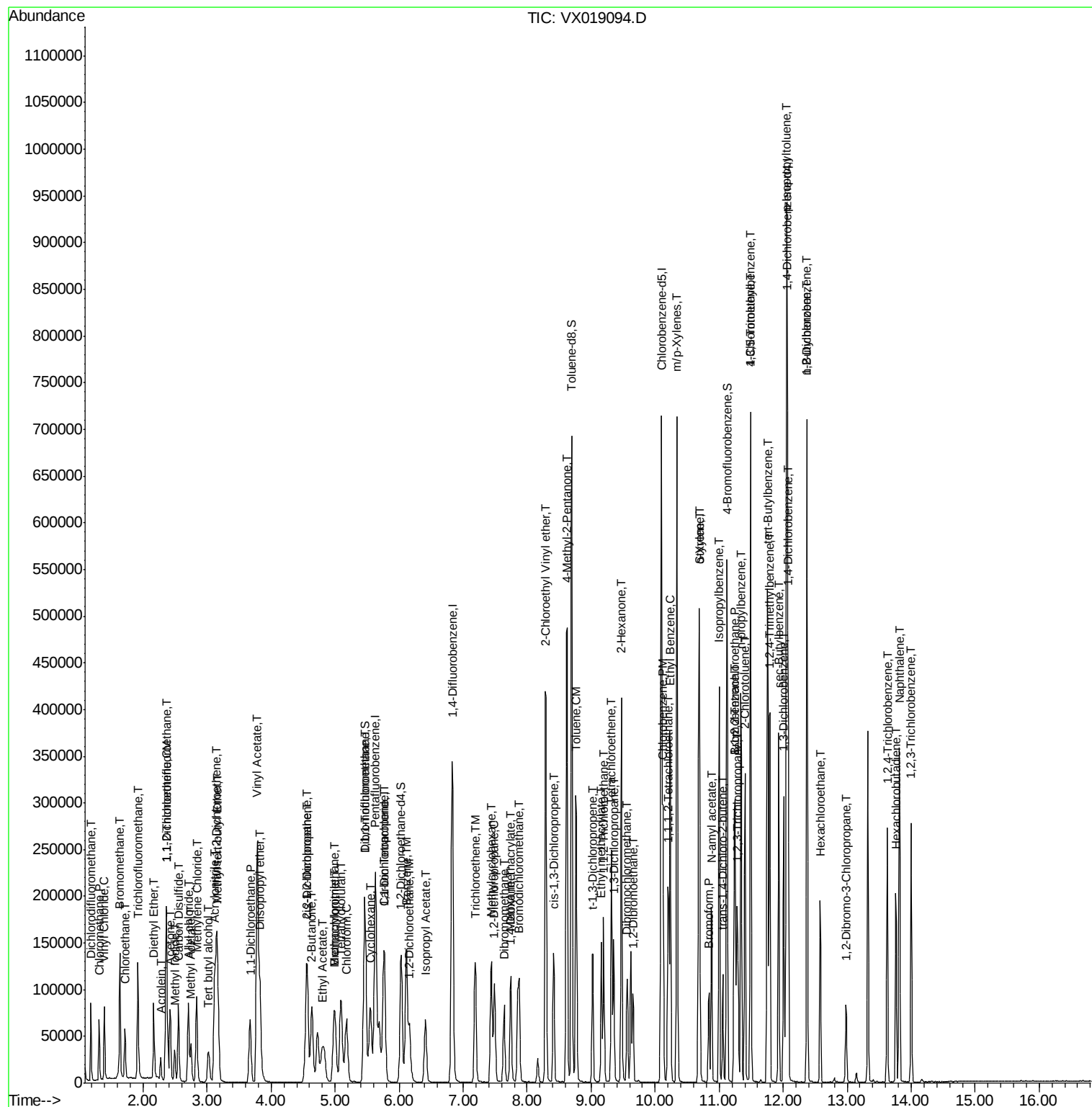
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Data File : VX019094.D
Acq On : 23 Oct 2020 23:13
Operator : JC/SP
Sample : VX1023WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

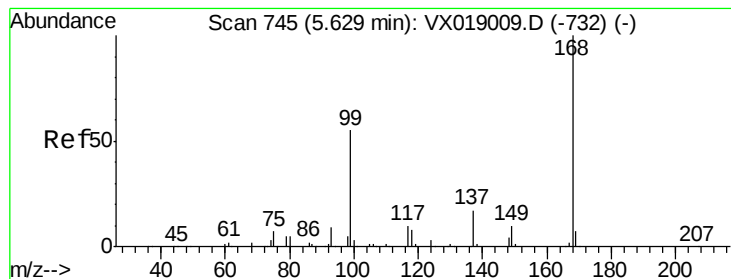
Instrument :
MSVOA_X
ClientSampled :
VX1023WBS02

Manual Integrations
APPROVED

MMDadoda
10/26/2020 10:02:42 AM

Quant Time: Oct 26 05:49:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion:168 Resp: 216408

Ion Ratio Lower Upper

168 100

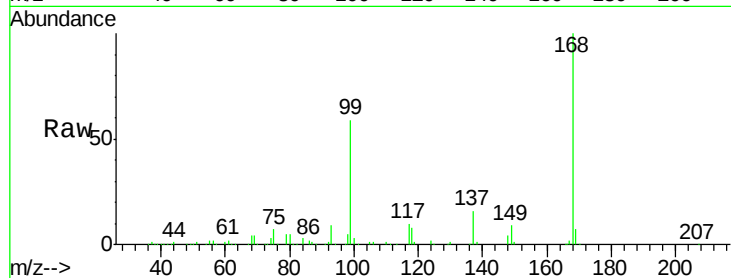
99 58.7 44.2 66.2

Manual Integrations

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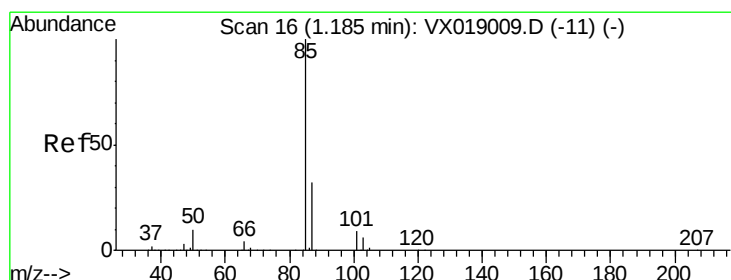
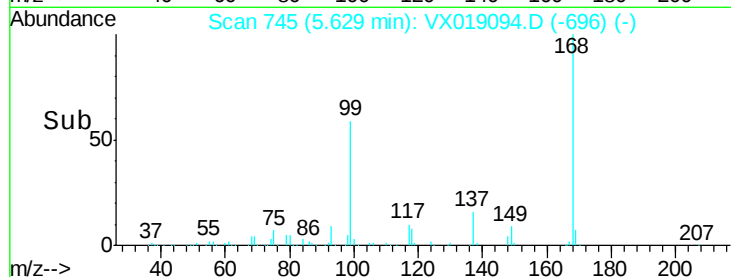
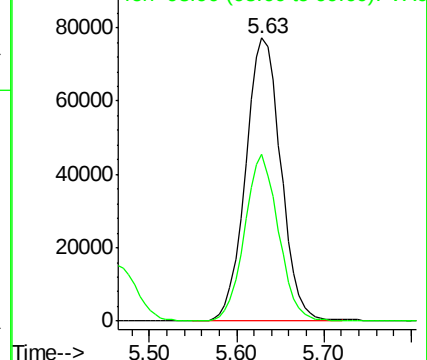
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.362 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019094.D

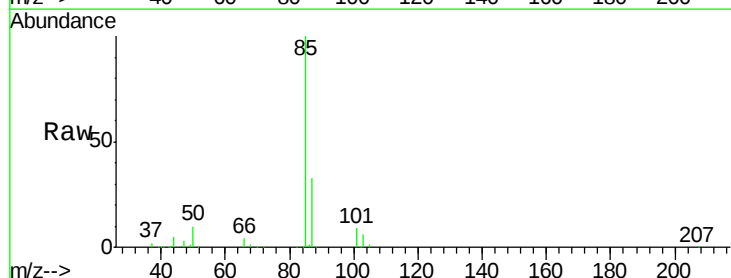
Acq: 23 Oct 2020 23:13

Tgt Ion: 85 Resp: 41737

Ion Ratio Lower Upper

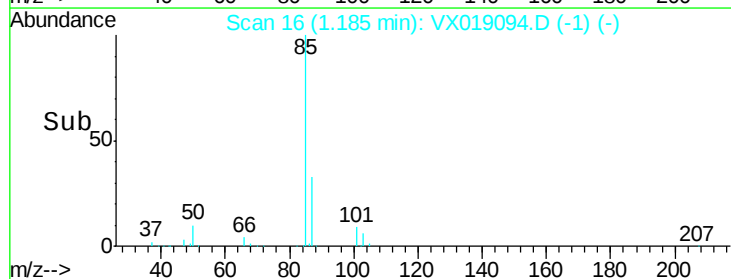
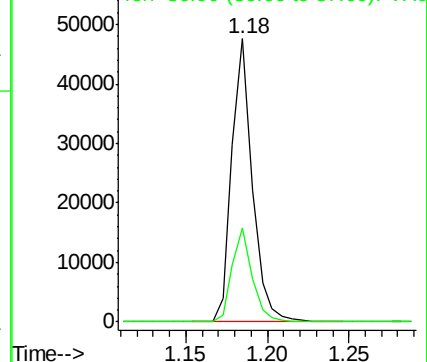
85 100

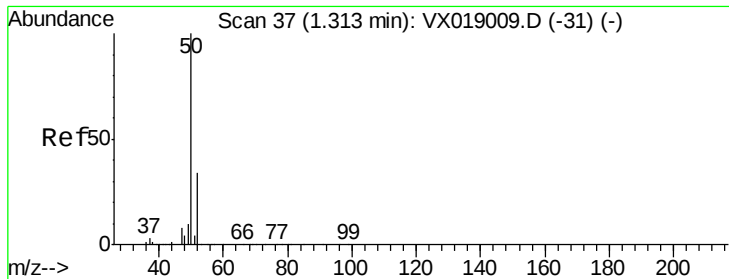
87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.879 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 50 Resp: 38319

Ion Ratio Lower Upper

50 100

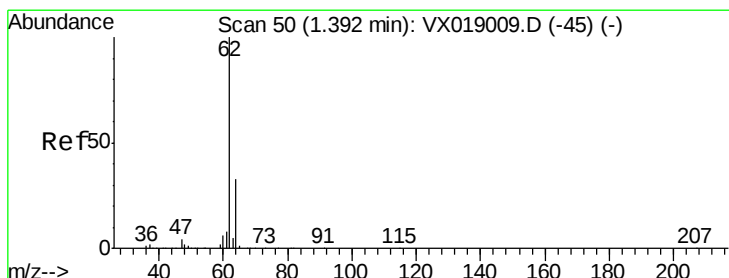
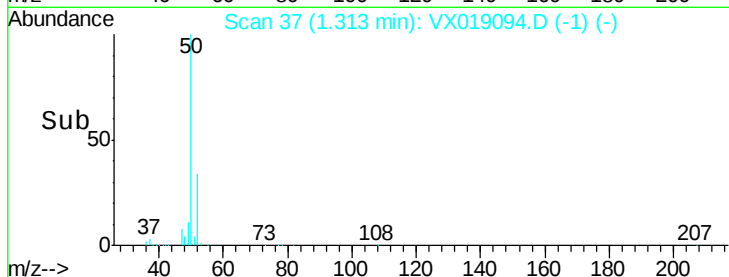
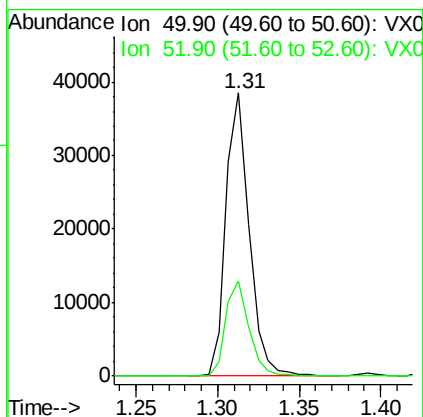
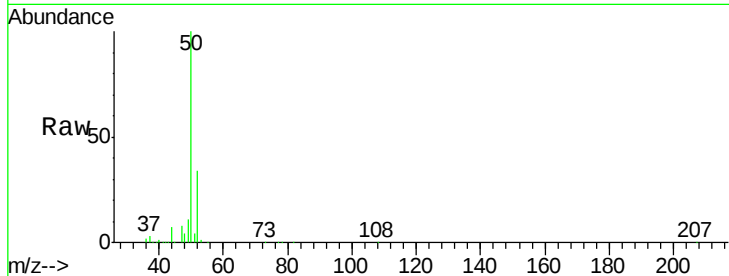
52 33.7 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.971 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019094.D

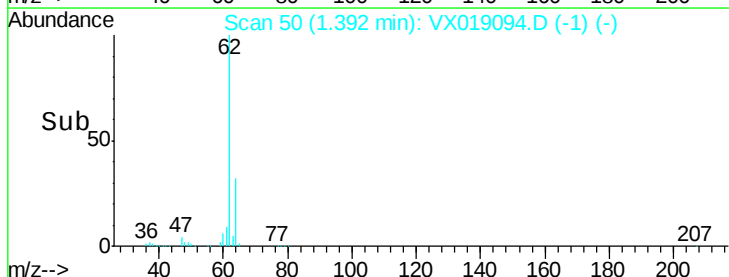
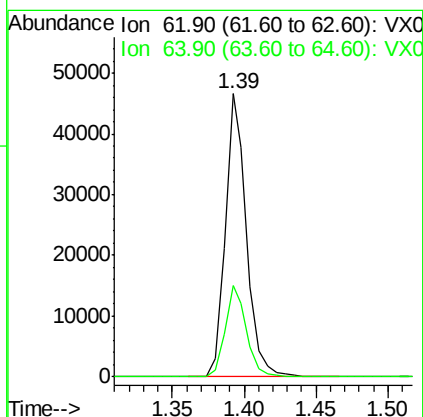
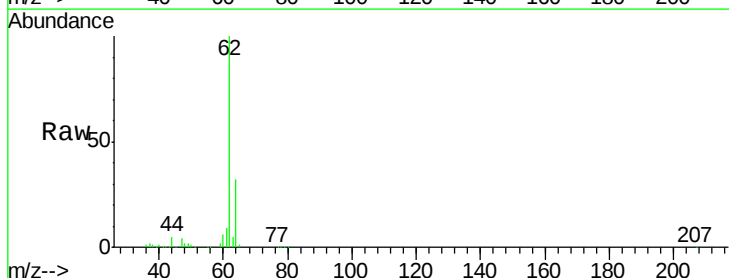
Acq: 23 Oct 2020 23:13

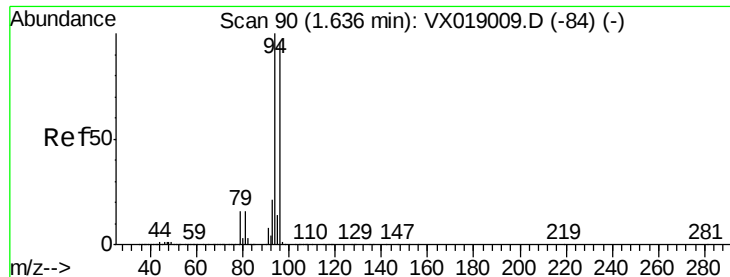
Tgt Ion: 62 Resp: 47976

Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7





#5

Bromomethane

Concen: 16.249 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 94 Resp: 46167

Ion Ratio Lower Upper

94 100

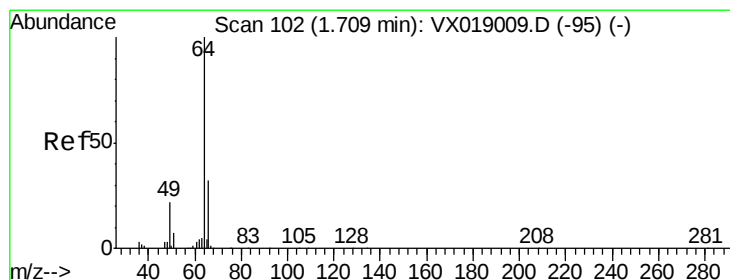
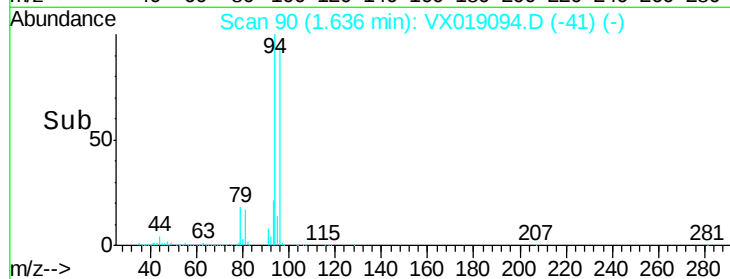
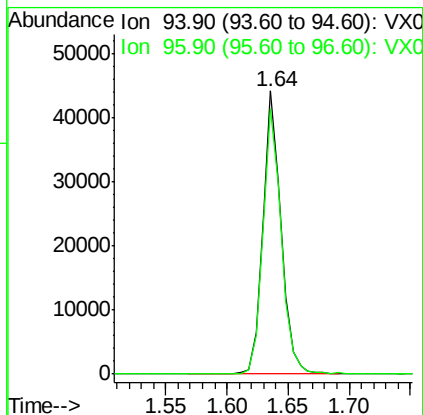
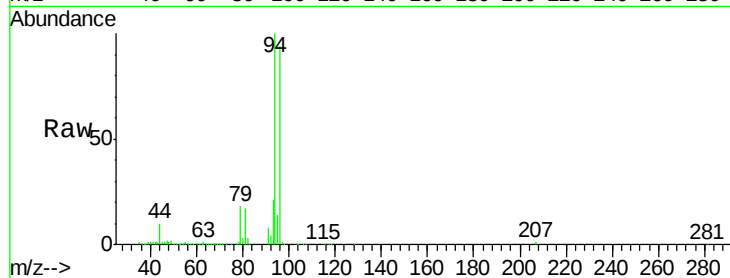
96 93.4 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 16.573 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019094.D

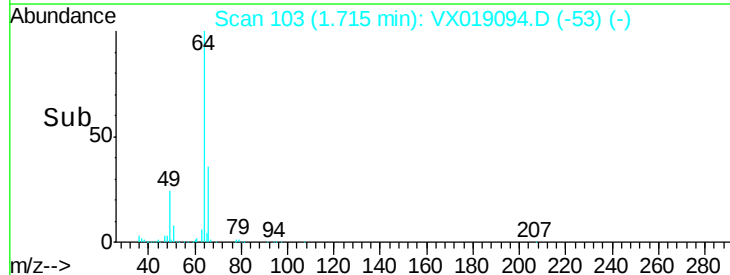
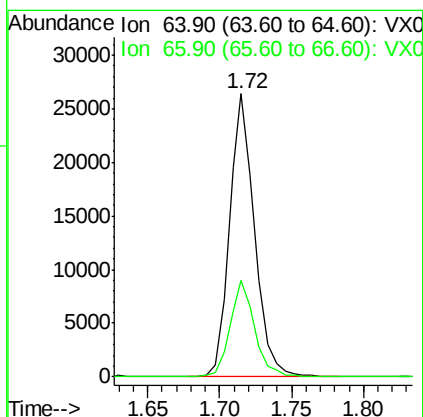
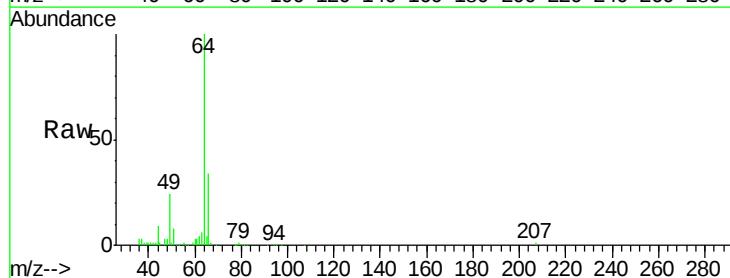
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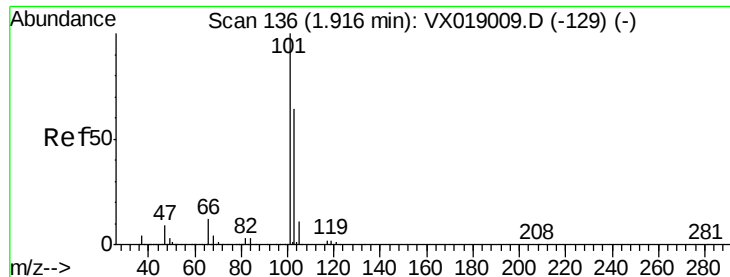
Tgt Ion: 64 Resp: 32038

Ion Ratio Lower Upper

64 100

66 34.0 25.7 38.5





#7

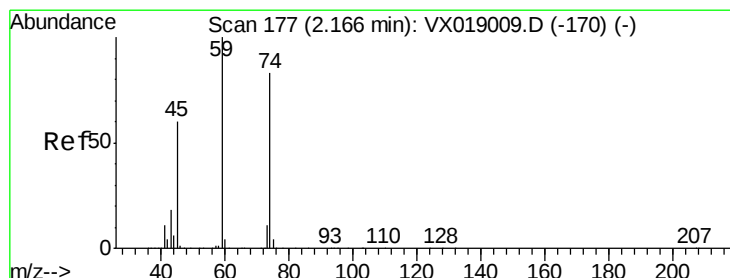
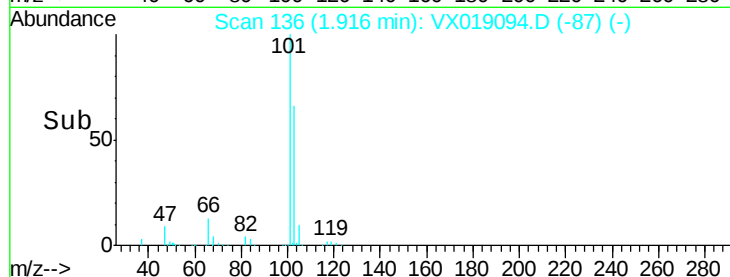
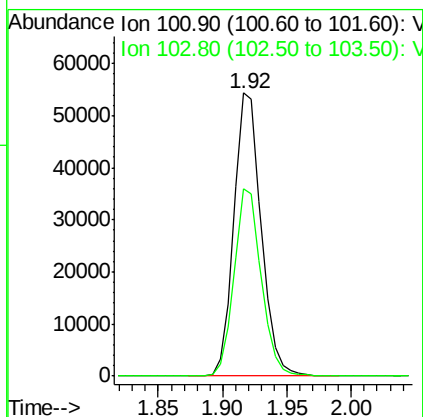
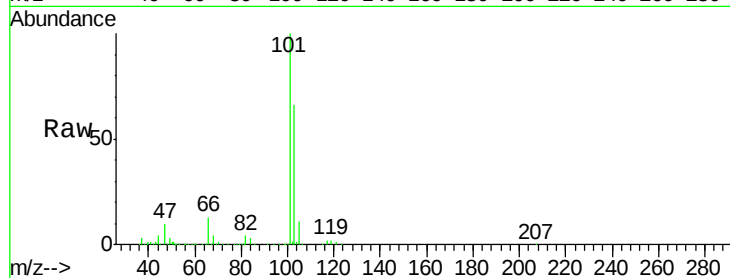
Trichlorofluoromethane
Concen: 18.800 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
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ClientSampleId :
VX1023WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		80346		
103	66.0	51.2	76.8		

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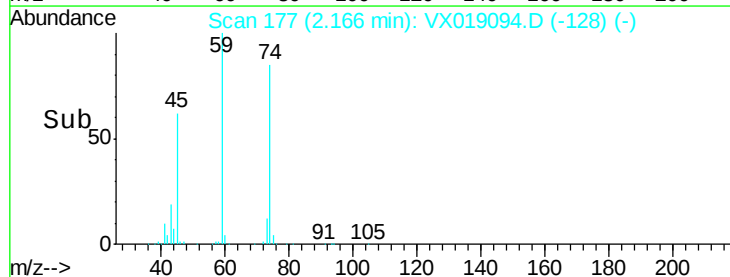
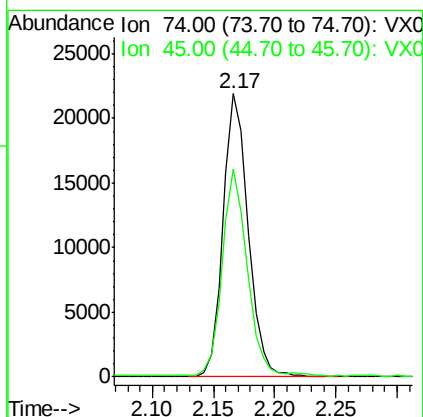
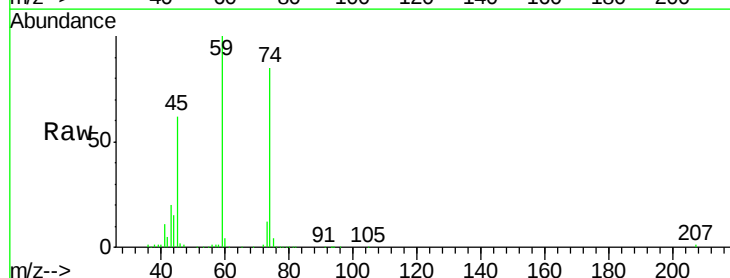
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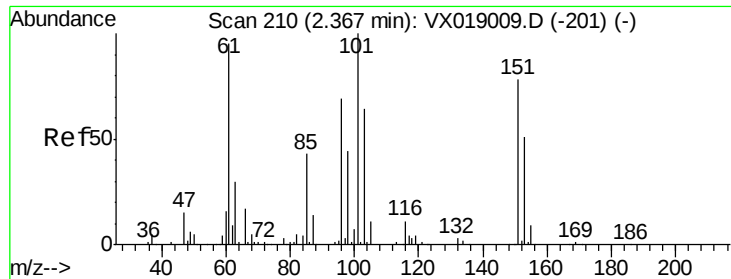


#8

Diethyl Ether
Concen: 18.630 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		31176		
45	72.7	36.8	110.4		





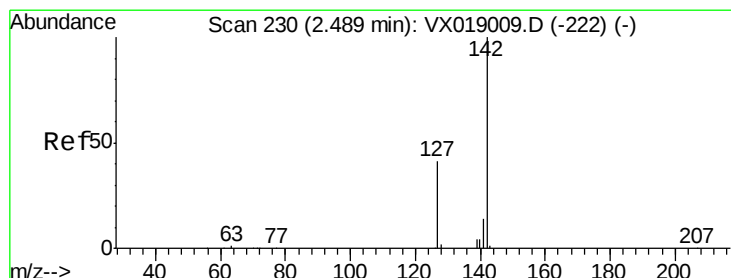
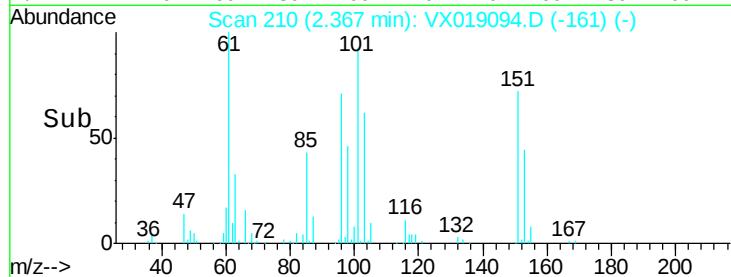
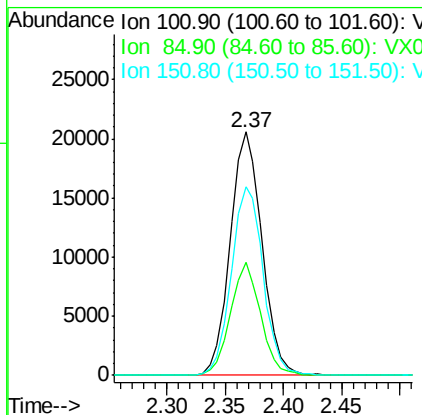
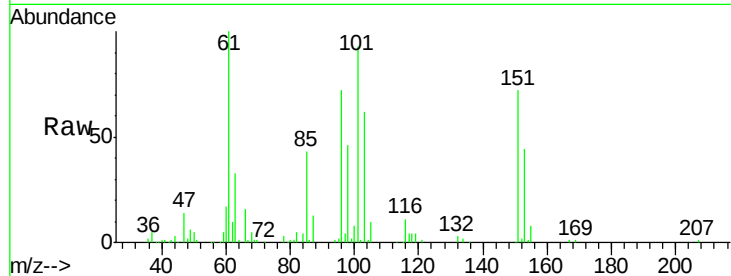
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.306 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	39087		
85	44.0		35.2	52.8
151	77.3		62.4	93.6

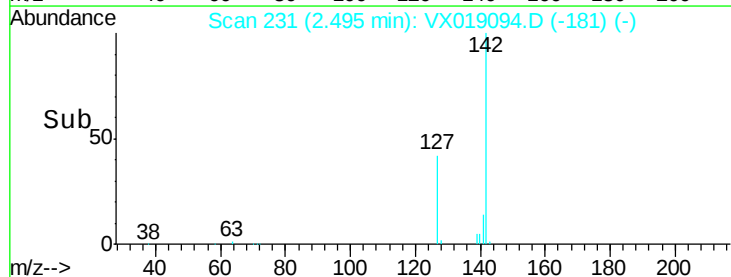
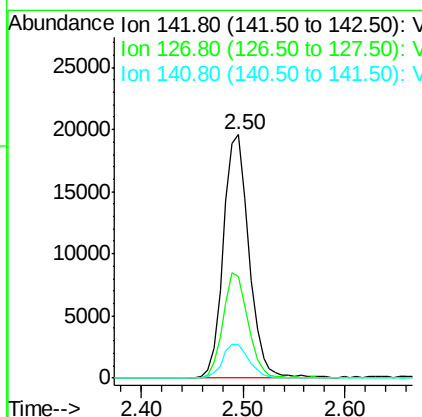
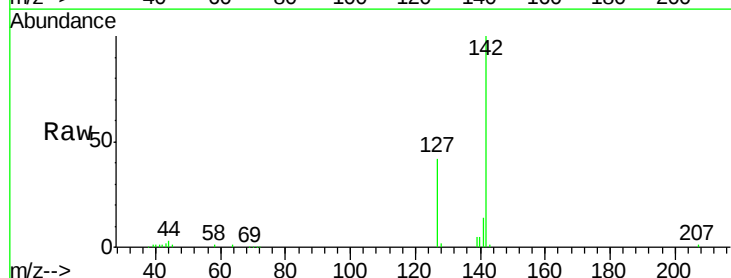
Manual Integrations
APPROVED

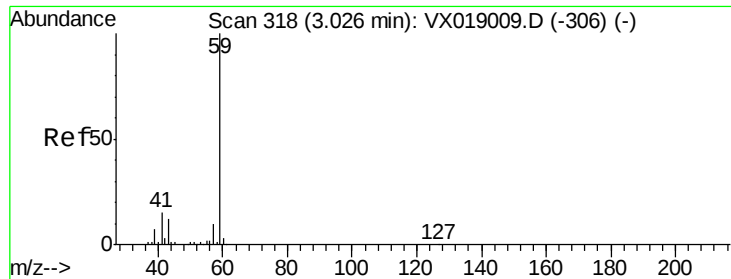
MMDadoda
10/26/2020 10:02:42 AM



#10
Methyl Iodide
Concen: 15.598 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	34174		
127	42.7		33.6	50.4
141	14.1		11.2	16.8





#11

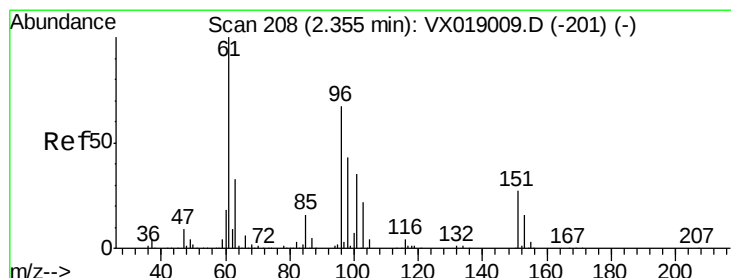
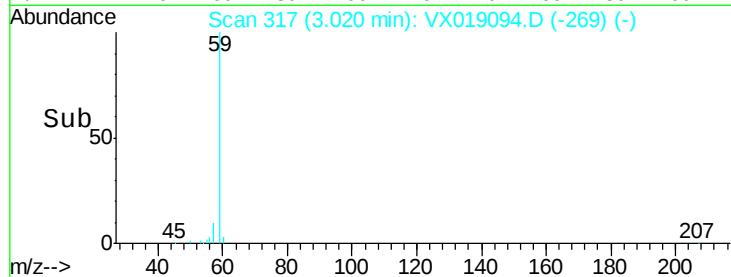
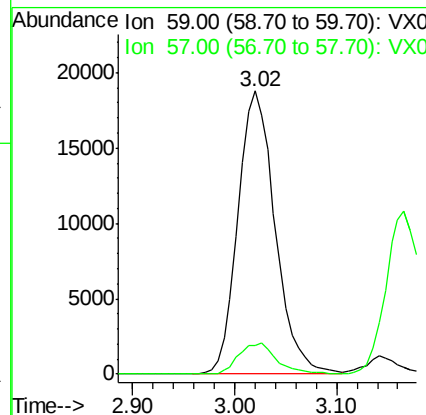
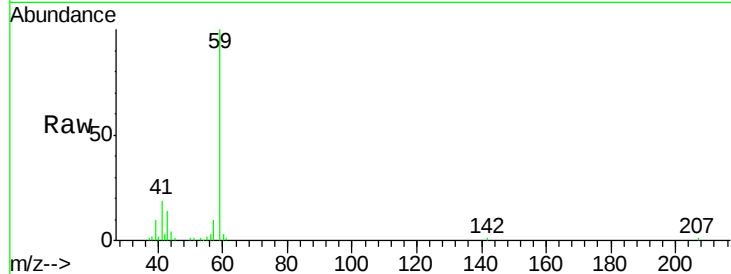
Tert butyl alcohol
Concen: 90.878 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.2	12.2

Manual Integrations
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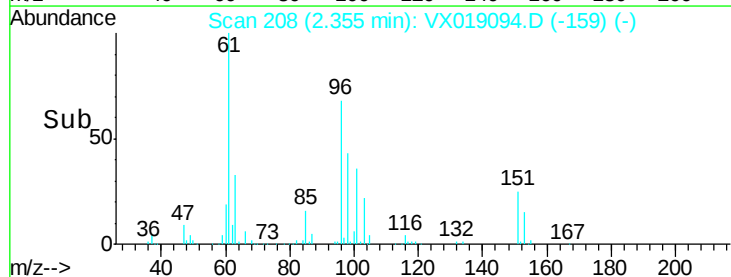
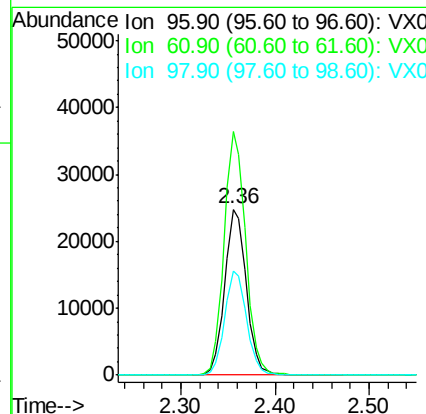
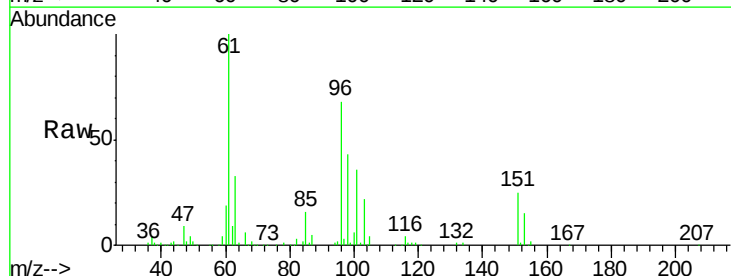
MMDadoda
10/26/2020 10:02:42 AM

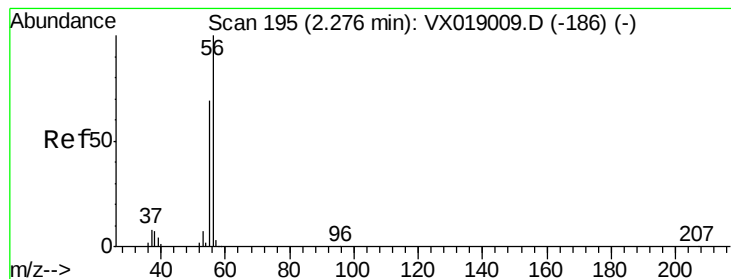


#12

1,1-Dichloroethene
Concen: 18.763 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.9	119.0	178.6
98	62.9	51.0	76.4





#13

Acrolein

Concen: 106.506 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 56 Resp: 19448

Ion Ratio Lower Upper

56 100

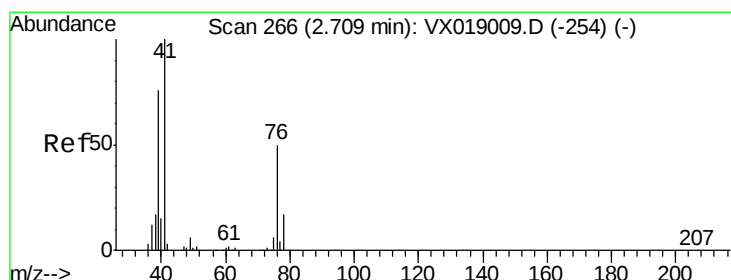
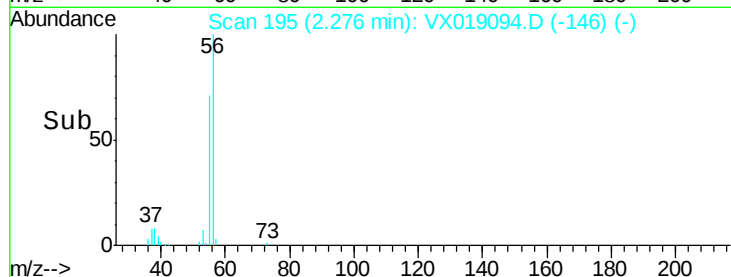
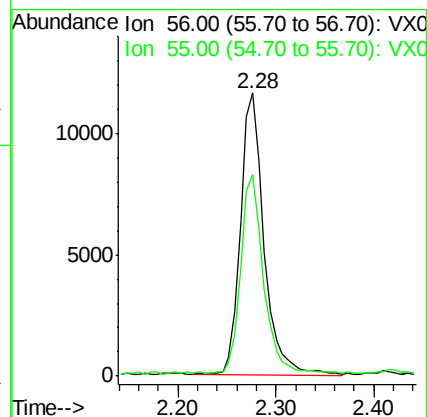
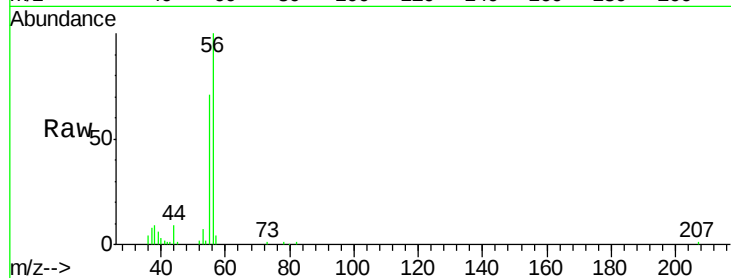
55 70.0 54.2 81.4

Manual Integrations

APPROVED

MMDadoda

10/26/2020 10:02:42 AM



#14

Allyl chloride

Concen: 18.223 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

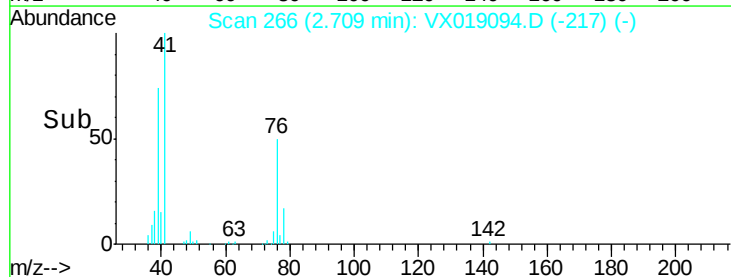
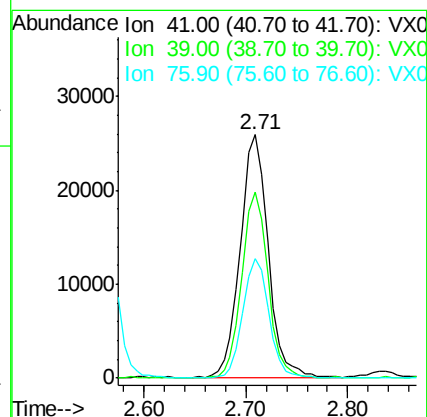
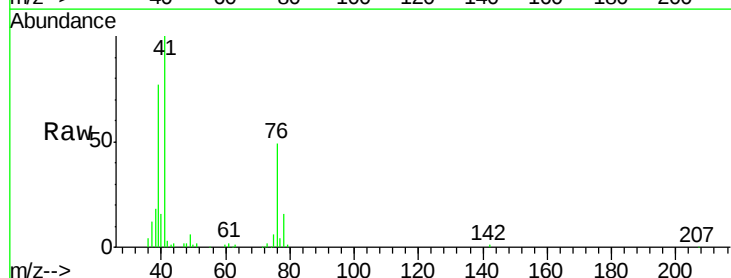
Tgt Ion: 41 Resp: 49655

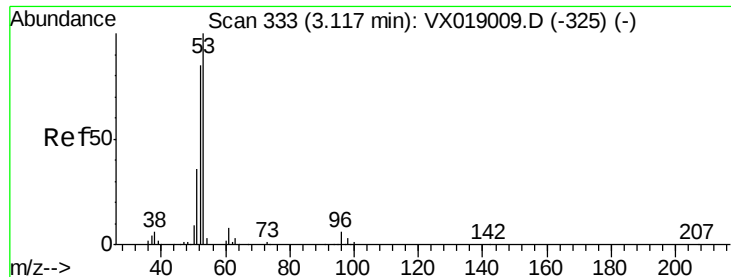
Ion Ratio Lower Upper

41 100

39 70.5 57.4 86.0

76 45.5 37.7 56.5





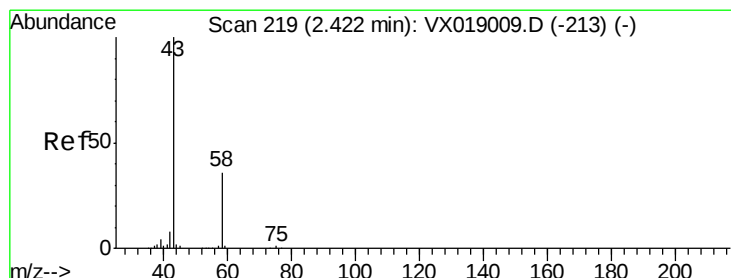
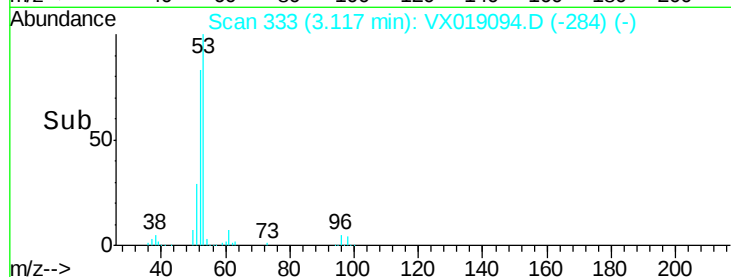
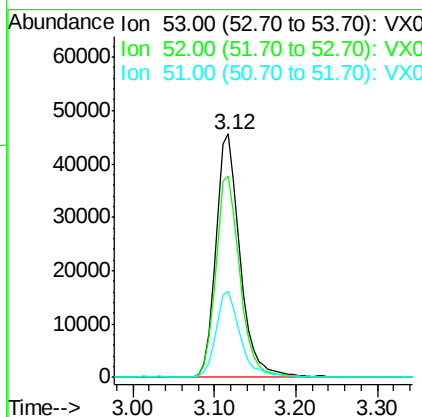
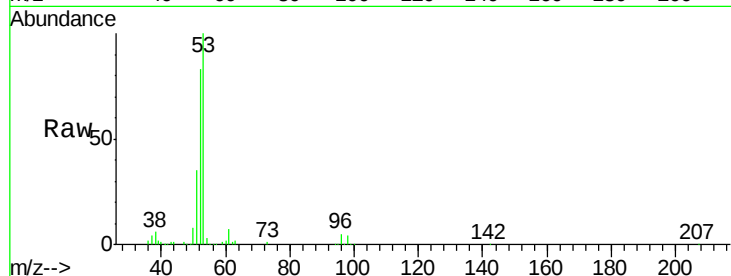
#15
 Acrylonitrile
 Concen: 93.468 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion:	53	Resp:	94892
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.9	98.9
51	35.5	28.3	42.5

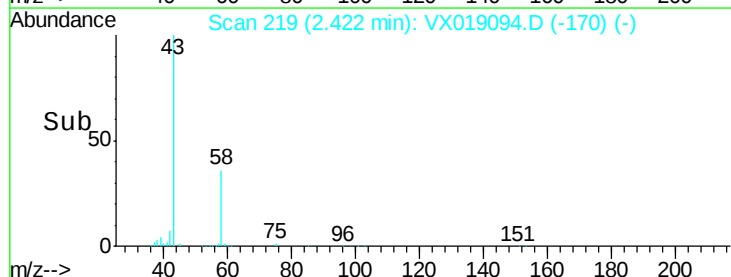
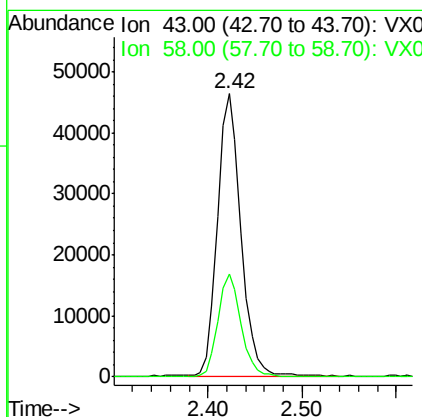
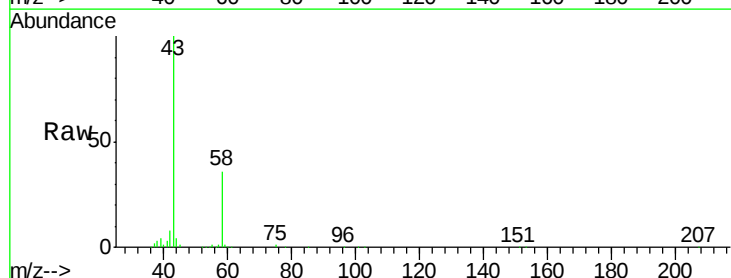
Manual Integrations
 APPROVED

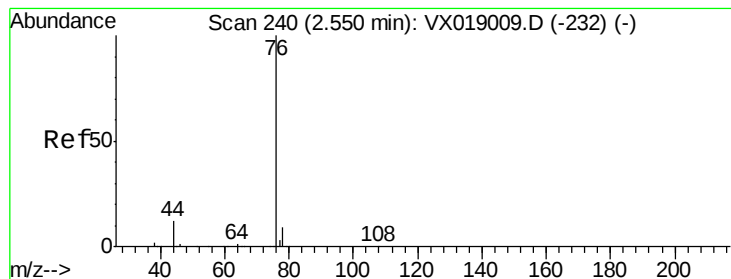
MMDadoda
 10/26/2020 10:02:42 AM



#16
 Acetone
 Concen: 90.113 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion:	43	Resp:	79564
Ion Ratio	Lower	Upper	
43	100		
58	36.3	28.6	42.8





#17

Carbon Disulfide

Concen: 16.881 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 76 Resp: 102548

Ion Ratio Lower Upper

76 100

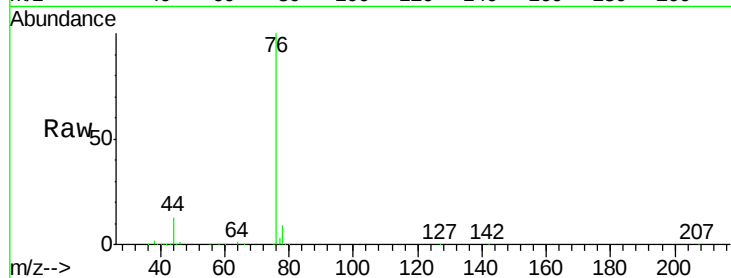
78 9.1 7.1 10.7

Manual Integrations

APPROVED

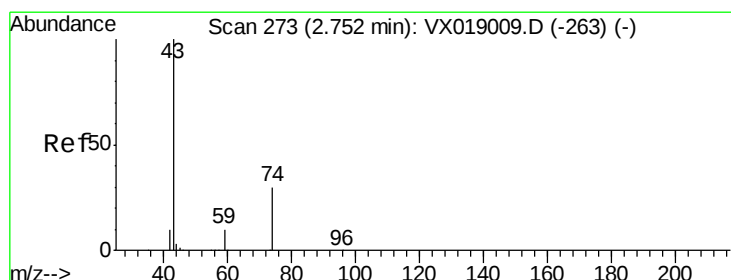
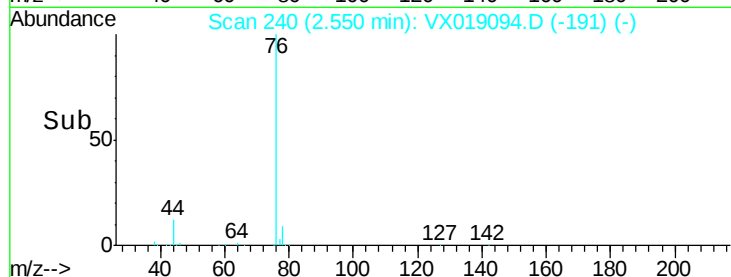
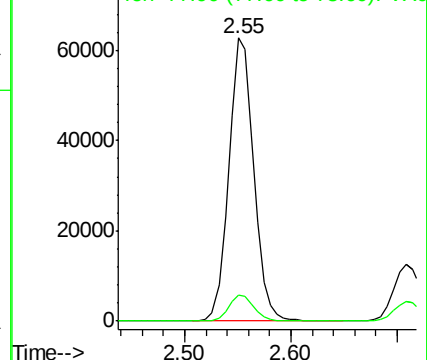
MMDadoda

10/26/2020 10:02:42 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.610 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019094.D

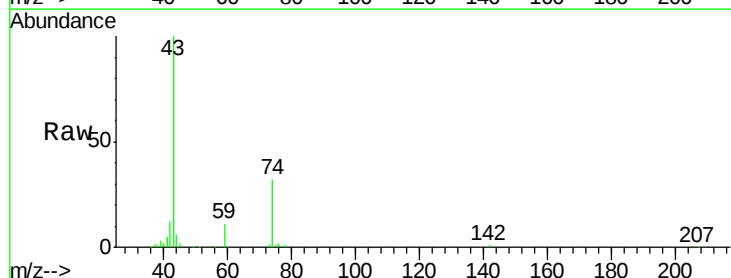
Acq: 23 Oct 2020 23:13

Tgt Ion: 43 Resp: 42966

Ion Ratio Lower Upper

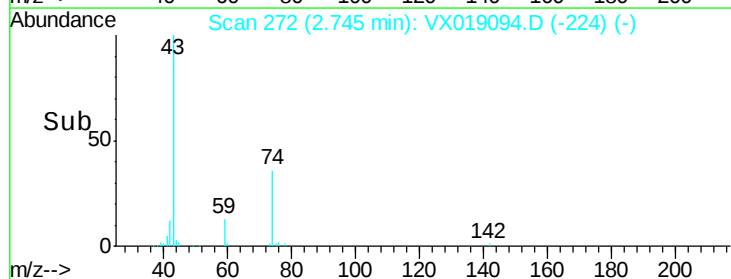
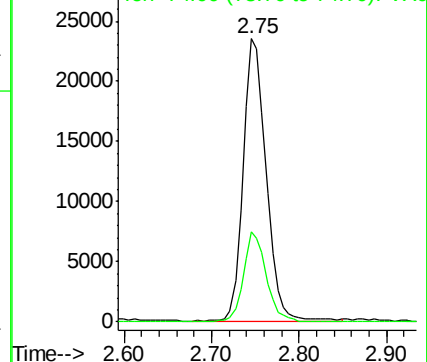
43 100

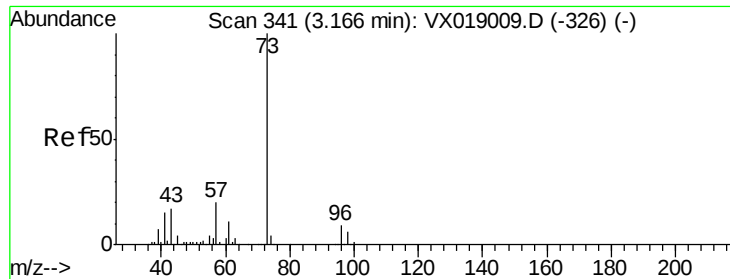
74 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





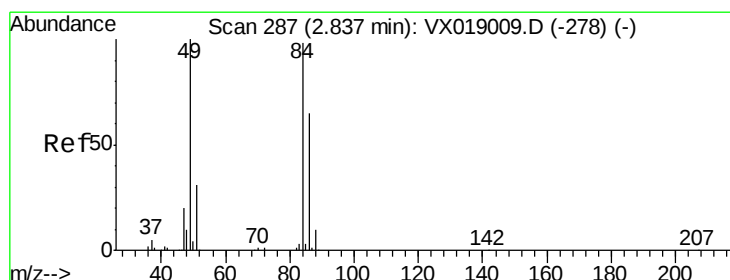
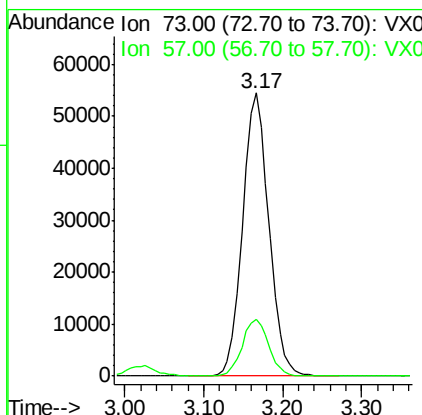
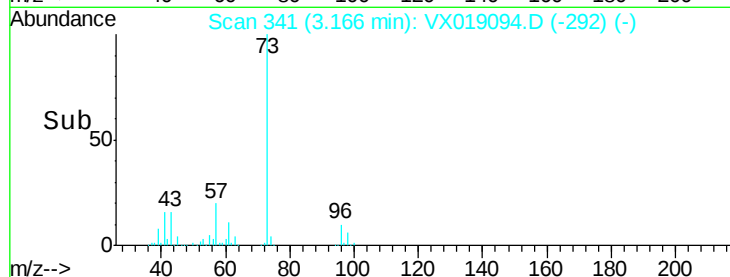
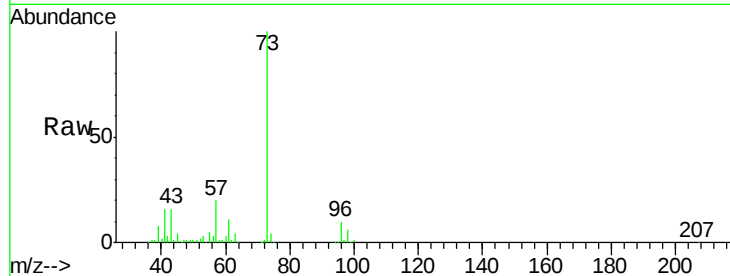
#19
Methvl tert-butvl Ether
Concen: 18.930 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	73	Resp	126303
Ion Ratio	Lower	Upper	
73	100		
57	19.9	16.2	24.2

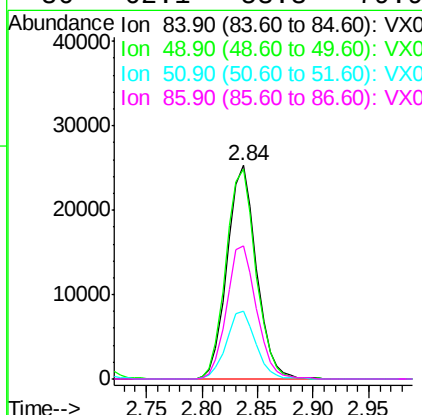
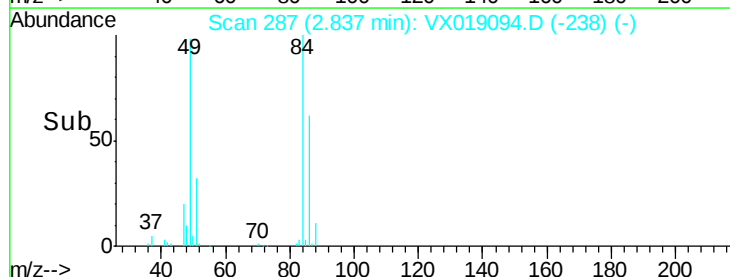
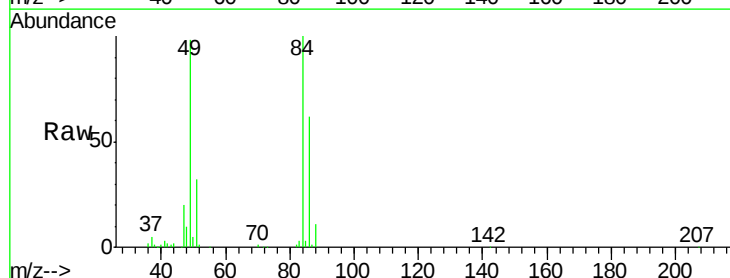
Manual Integrations
APPROVED

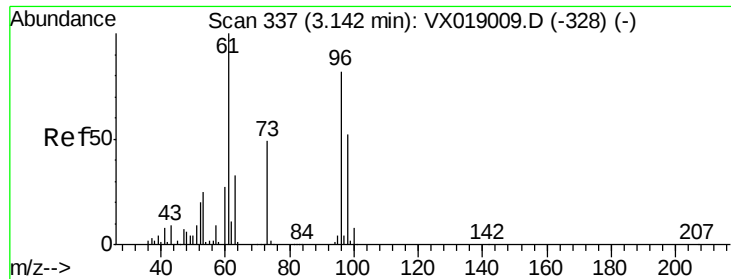
MMDadoda
10/26/2020 10:02:42 AM



#20
Methylene Chloride
Concen: 18.782 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	84	Resp	46168
Ion Ratio	Lower	Upper	
84	100		
49	98.2	81.6	122.4
51	31.5	25.6	38.4
86	62.1	53.3	79.9





#21

trans-1,2-Dichloroethene

Concen: 18.290 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

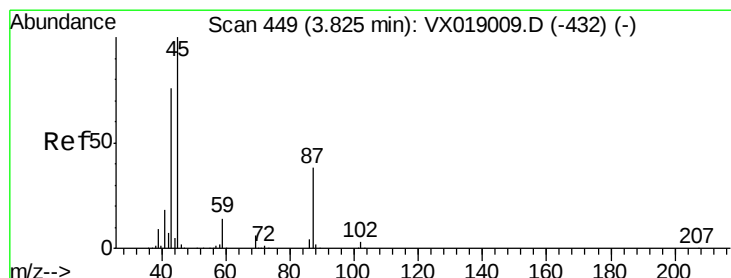
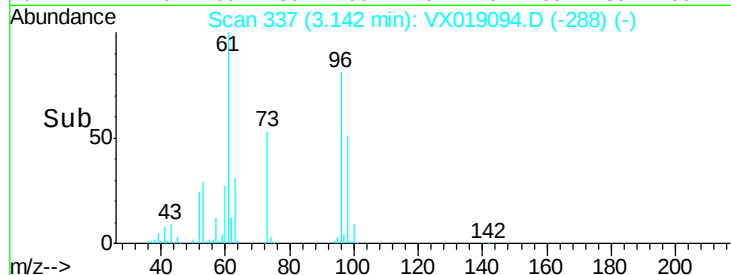
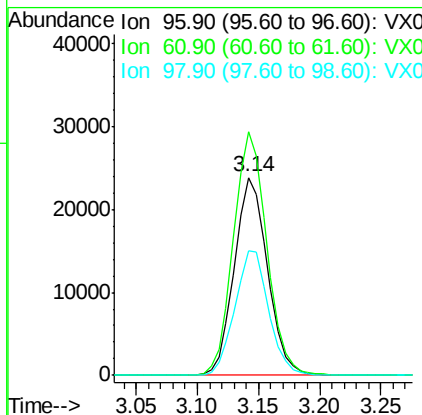
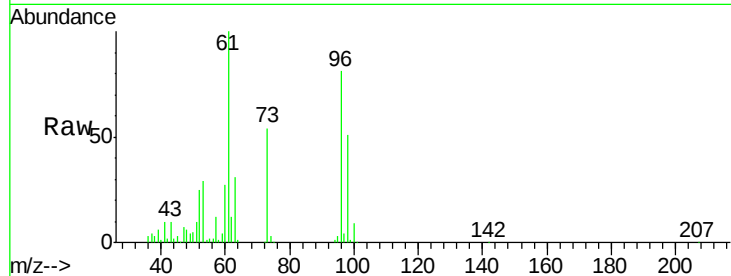
ClientSampleId :

VX1023WBS02

Tot Ion:	96	Resp:	44954
Ion	Ratio	Lower	Upper
96	100		
61	123.1	97.8	146.6
98	62.7	50.7	76.1

Manual Integrations
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MMDadoda
10/26/2020 10:02:42 AM



#22

Diisopropyl ether

Concen: 18.715 ug/l

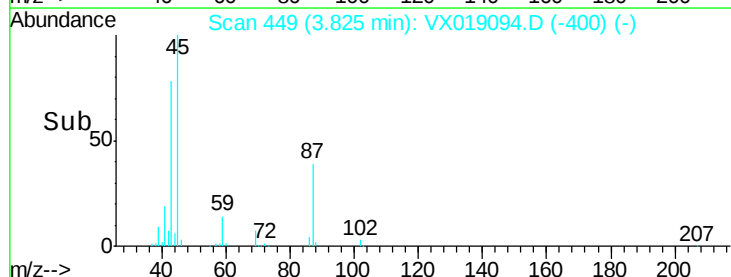
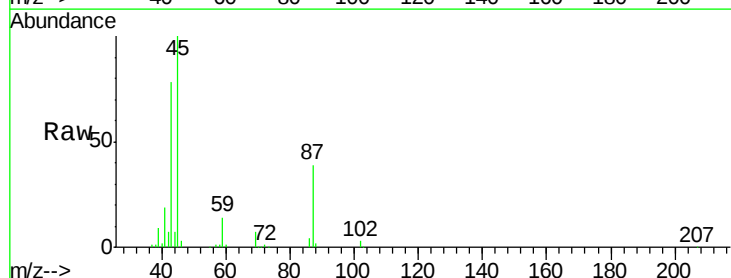
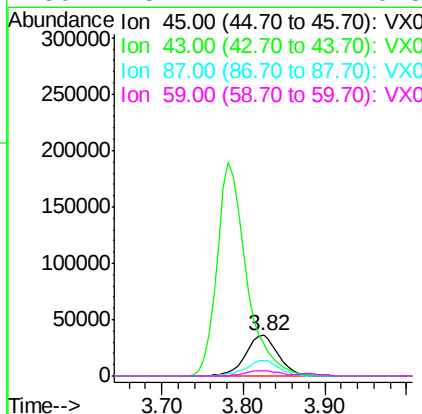
RT: 3.82 min Scan# 449

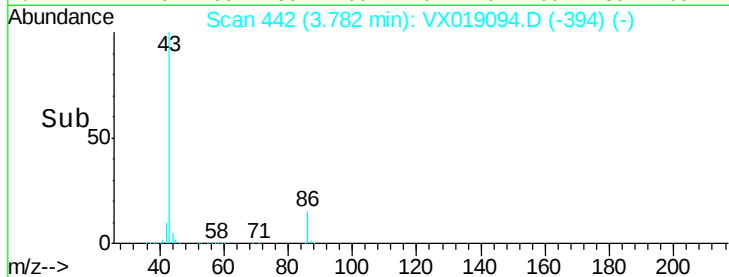
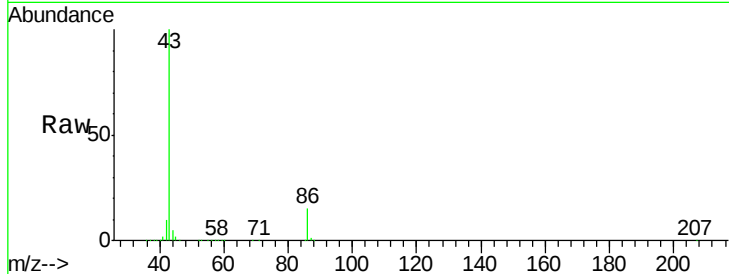
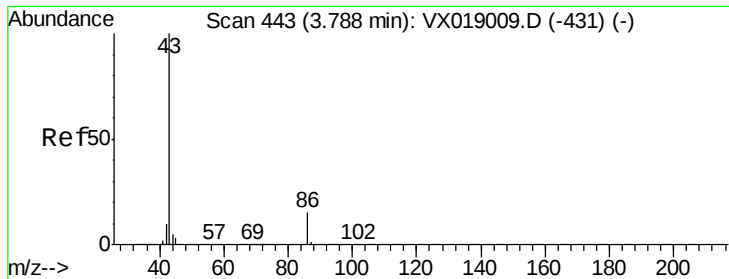
Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion:	45	Resp:	100562
Ion	Ratio	Lower	Upper
45	100		
43	76.8	60.4	90.6
87	39.0	30.4	45.6
59	13.7	11.2	16.8





#23

Vinyl Acetate

Concen: 93.584 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tot Ion: 43 Resp: 477479

Ion Ratio Lower Upper

43 100

86 14.8 11.7 17.5

Instrument :

MSVOA_X

ClientSampled :

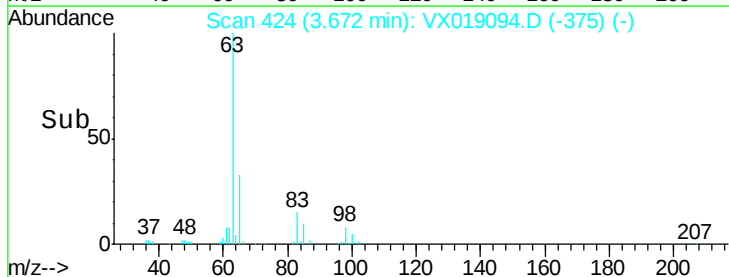
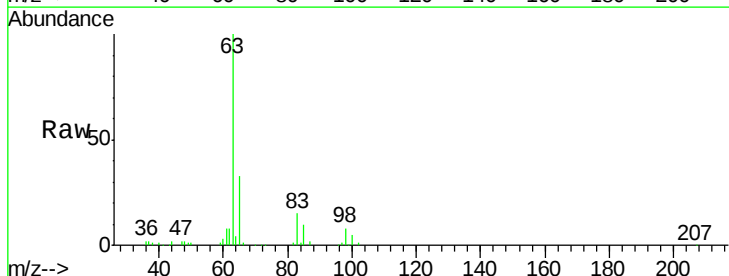
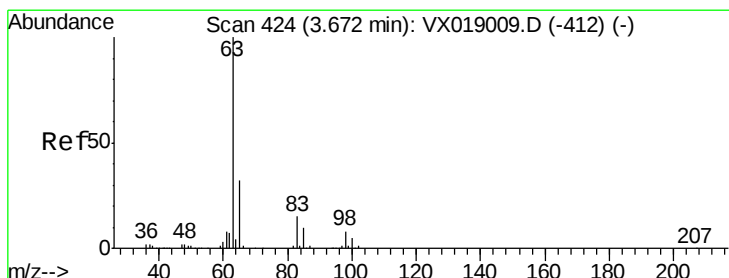
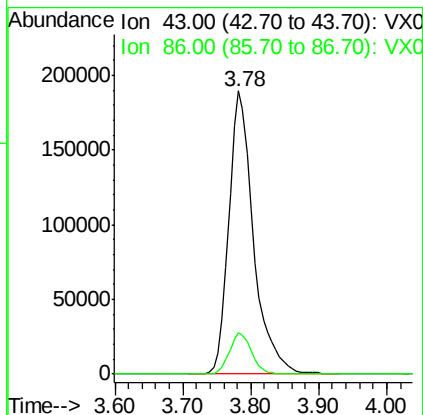
VX1023WBS02

Manual Integrations

APPROVED

MMDadoda

10/26/2020 10:02:42 AM



#24

1,1-Dichloroethane

Concen: 19.061 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

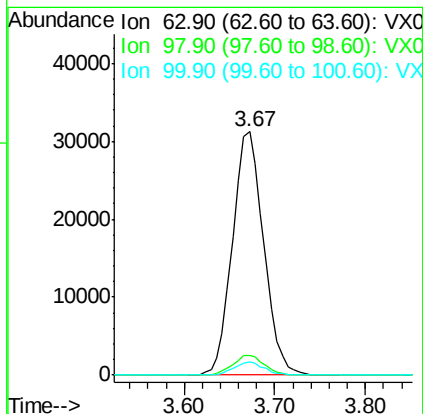
Tgt Ion: 63 Resp: 74588

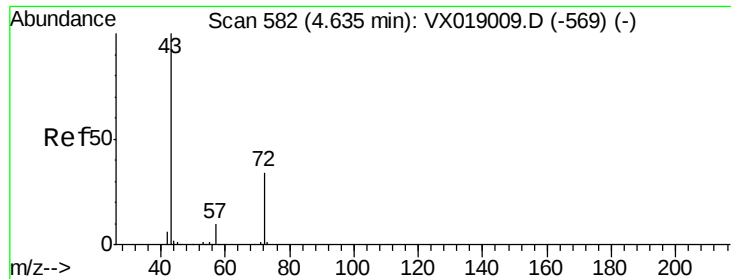
Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 5.4 2.5 7.4





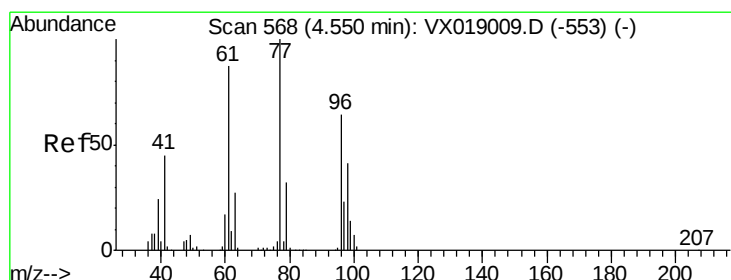
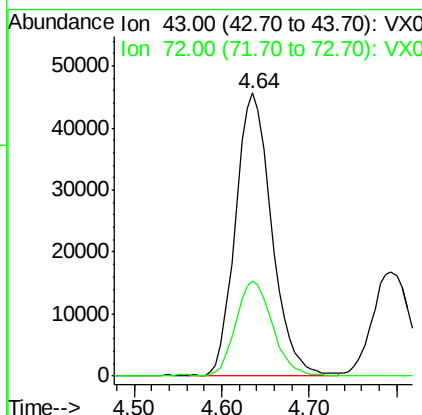
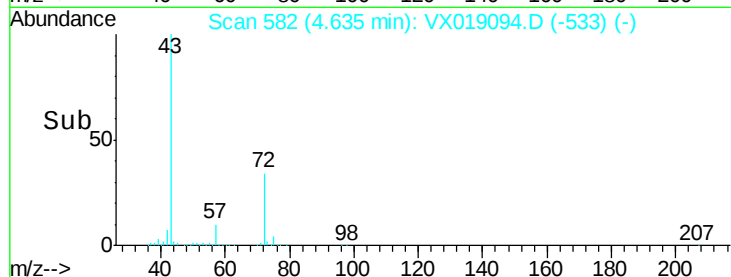
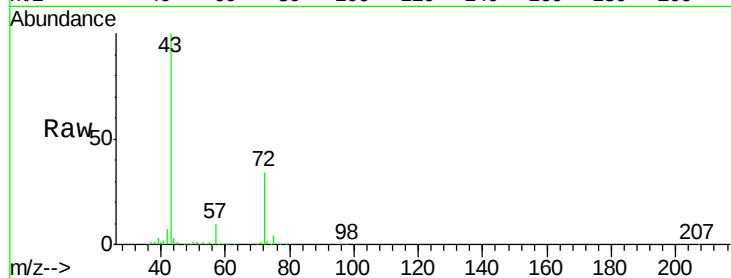
#25
2-Butanone
Concen: 93.426 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion: 43 Resp: 130340
Ion Ratio Lower Upper
43 100
72 33.5 27.8 41.6

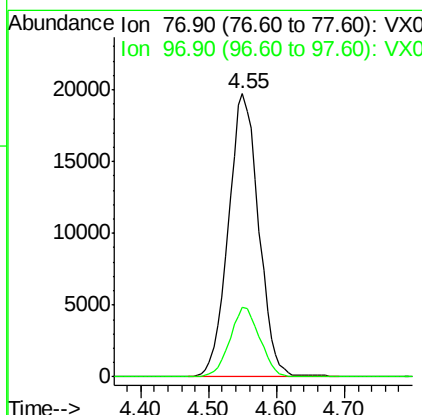
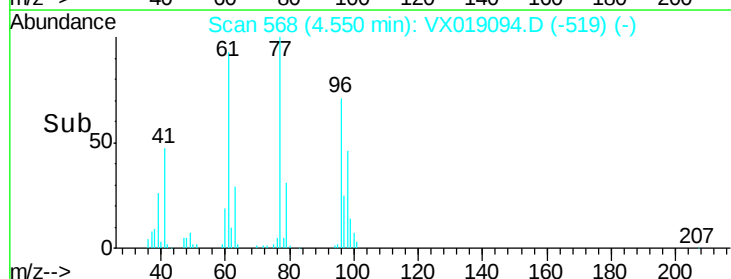
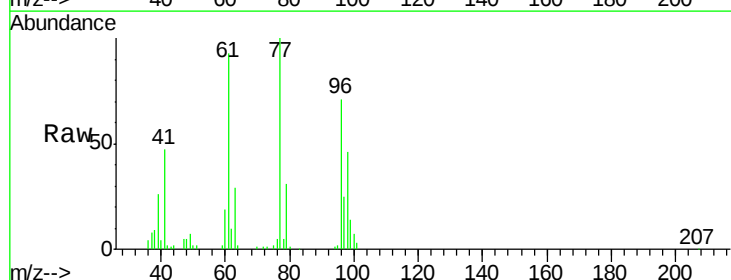
Manual Integrations
APPROVED

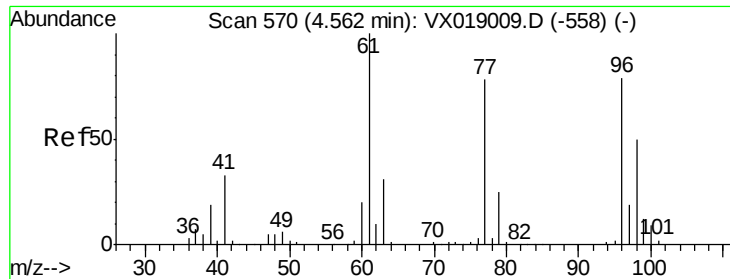
MMDadoda
10/26/2020 10:02:42 AM



#26
2,2-Dichloropropane
Concen: 16.886 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion: 77 Resp: 61009
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.7





#27

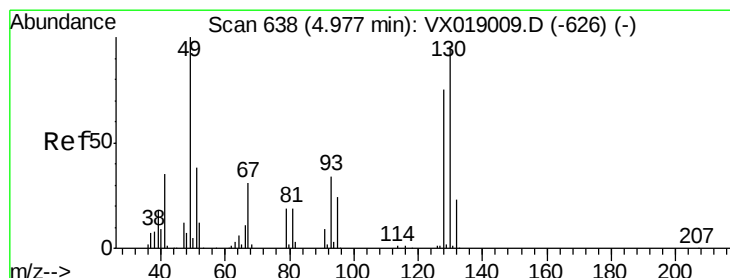
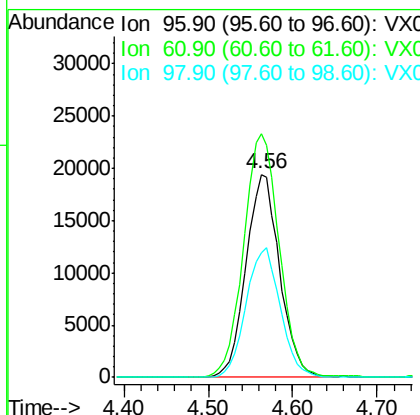
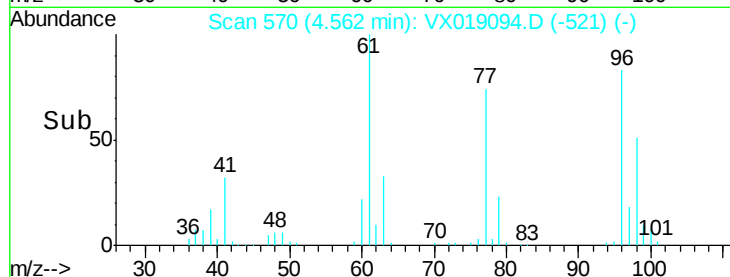
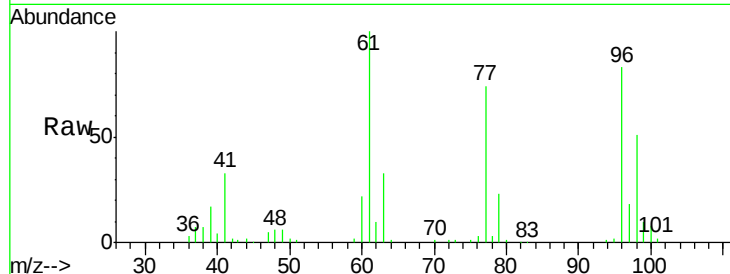
cis-1,2-Dichloroethene
Concen: 18.862 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	52613		
61	126.4		0.0	260.0
98	64.9		0.0	131.4

Manual Integrations
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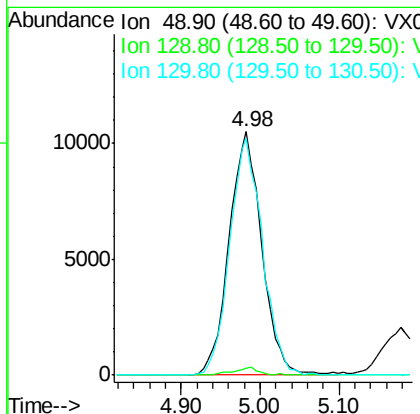
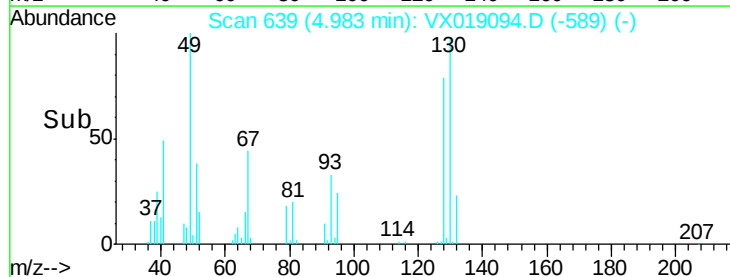
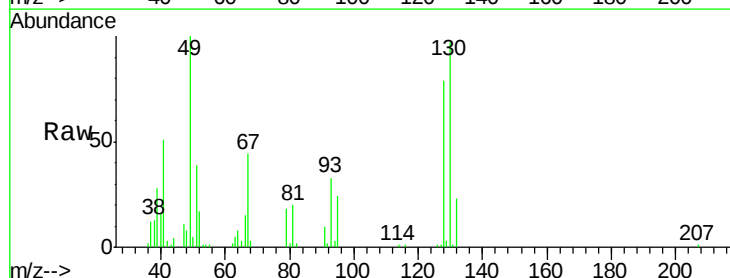
MMDadoda
10/26/2020 10:02:42 AM

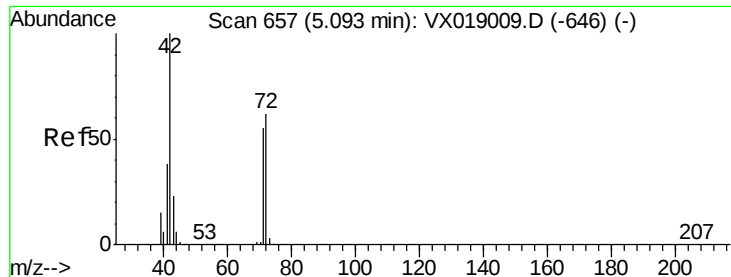


#28

Bromochloromethane
Concen: 18.238 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30304		
129	2.3		0.0	5.2
130	97.2		79.0	118.6





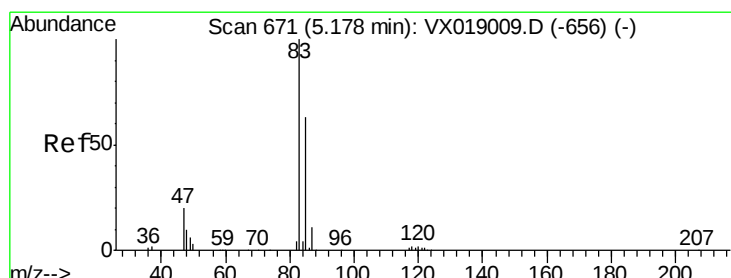
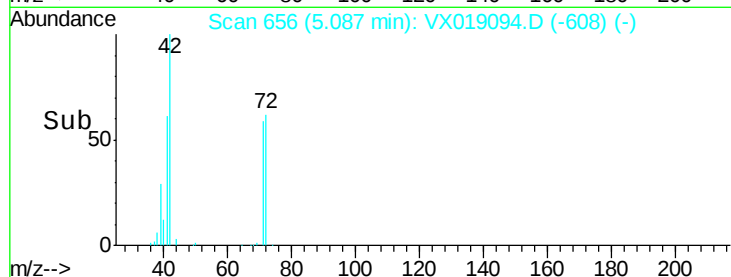
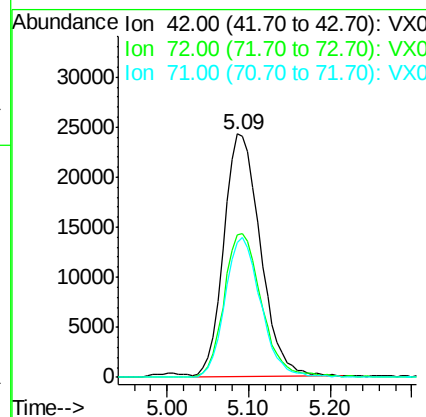
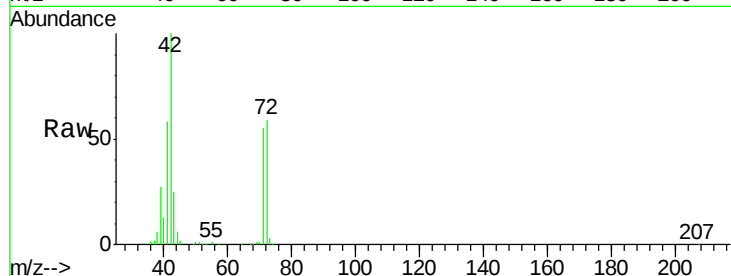
#29
Tetrahydrofuran
Concen: 90.005 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.4	49.1	73.7
71	56.5	44.2	66.4

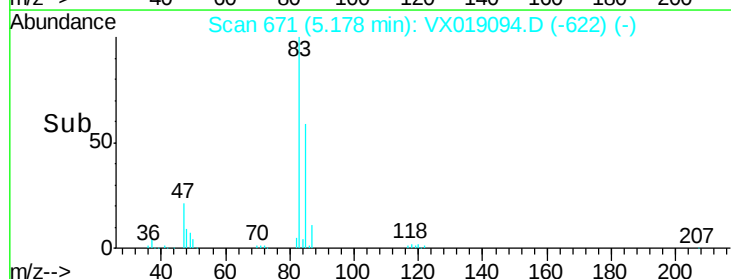
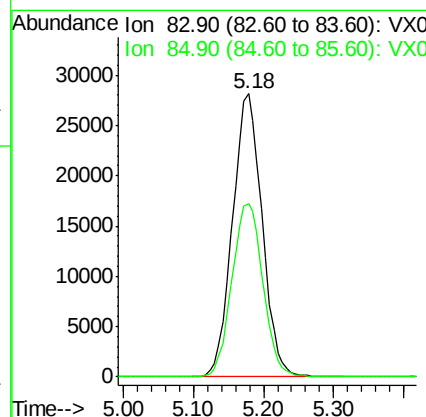
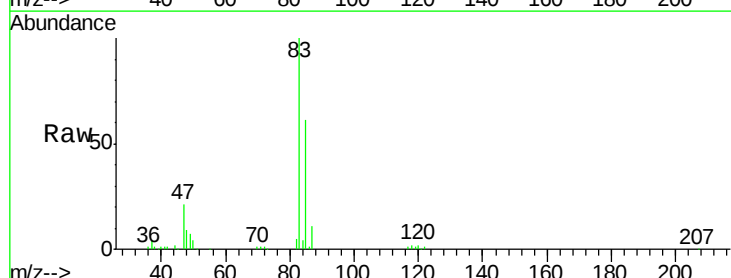
Manual Integrations
APPROVED

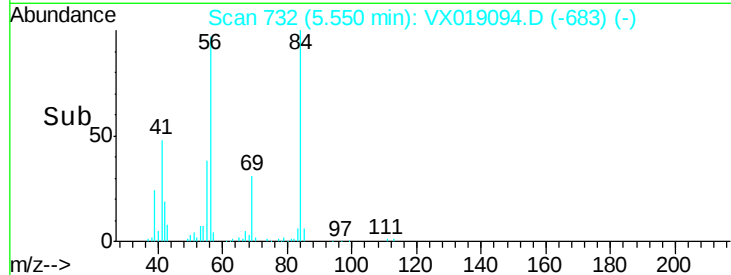
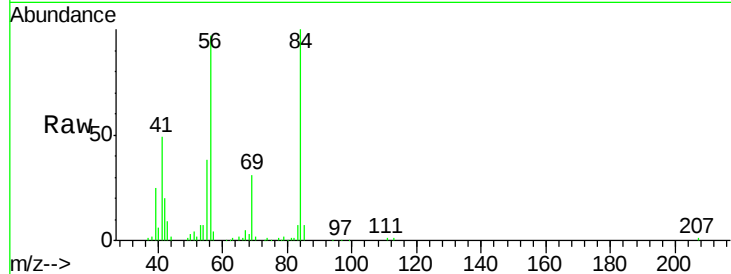
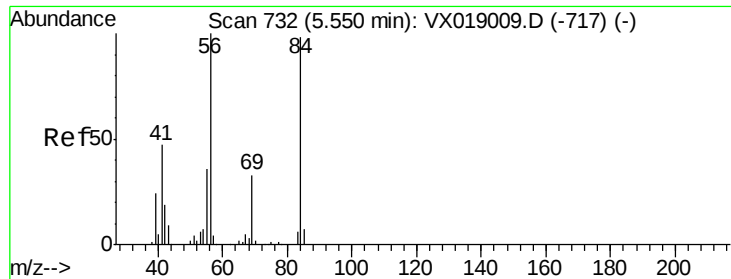
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#30
Chloroform
Concen: 19.499 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.5	75.7





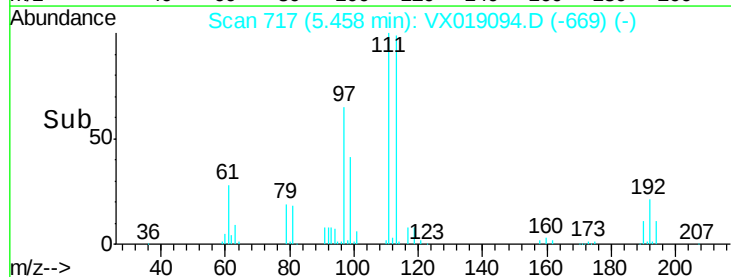
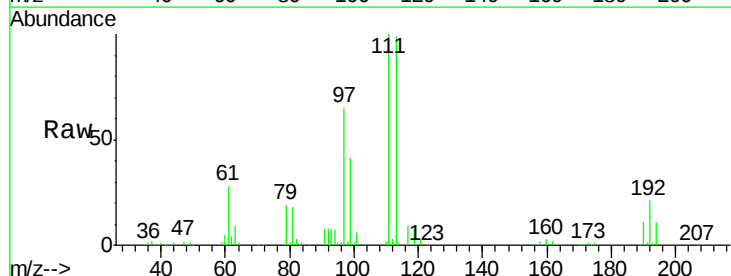
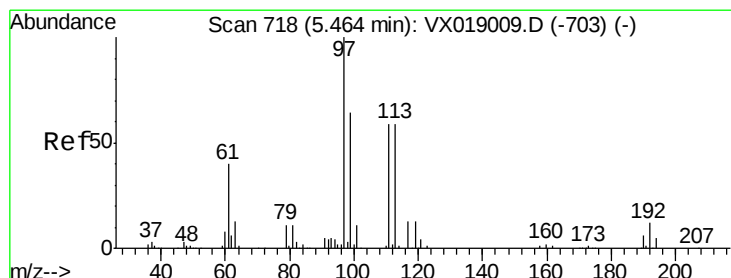
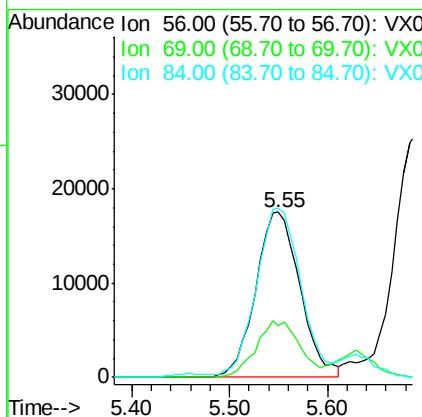
#31
Cvclohexane
Concen: 18.254 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.2	39.2
84	100.3	78.3	117.5

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

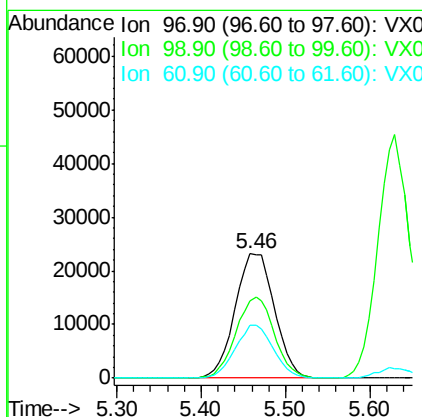
Manual Integrations
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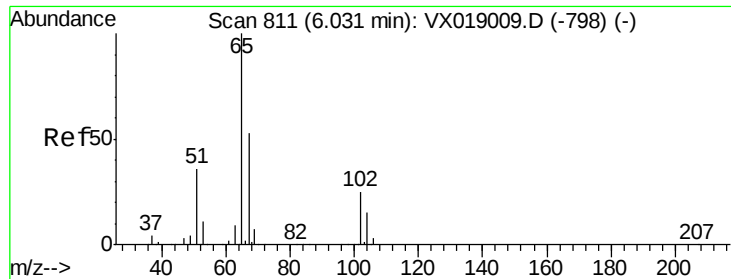
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.109 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	41.5	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 49.127 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 65 Resp: 127349

Ion Ratio Lower Upper

65 100

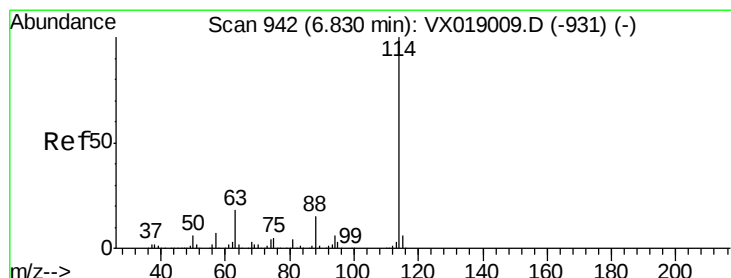
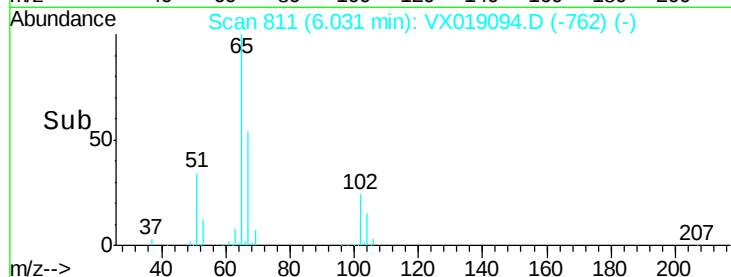
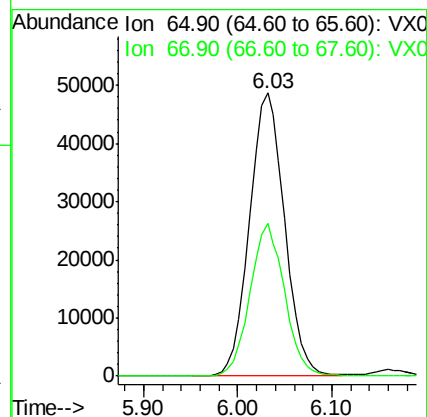
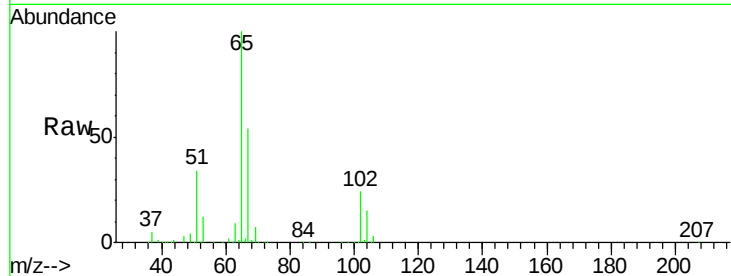
67 53.0 0.0 107.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

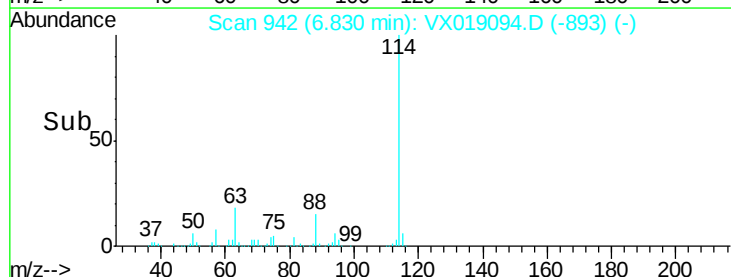
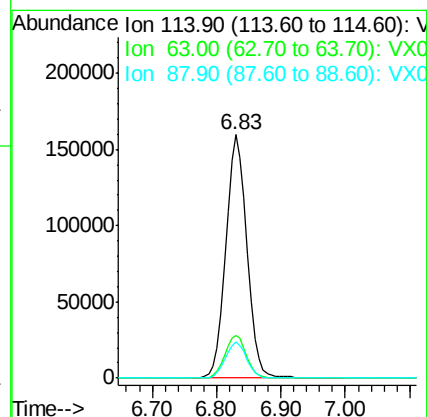
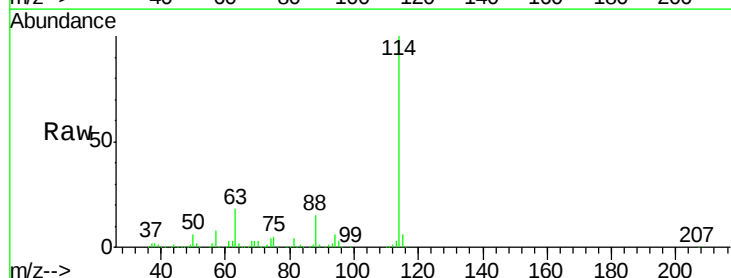
Tgt Ion: 114 Resp: 369702

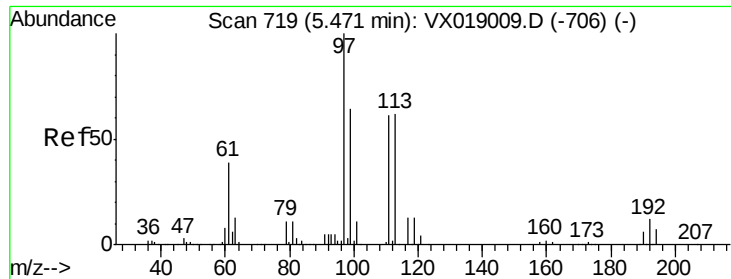
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 14.7 0.0 30.2





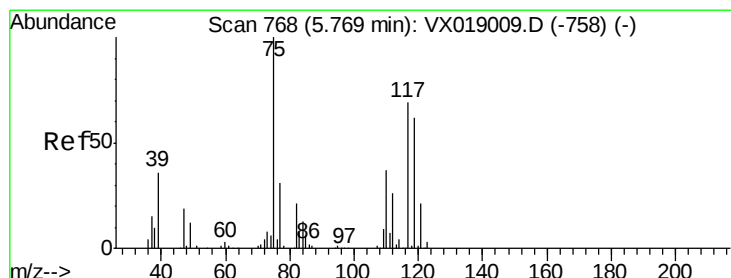
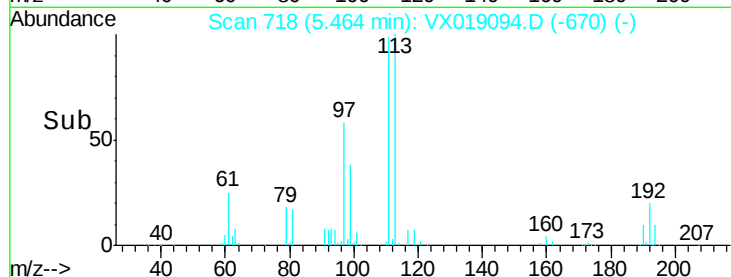
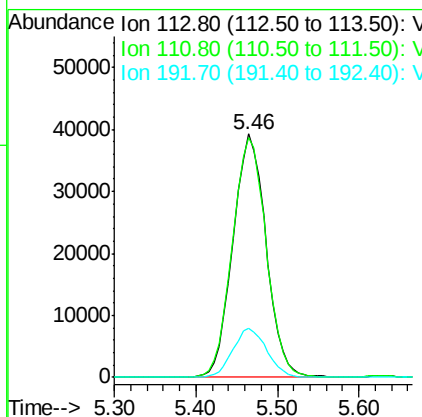
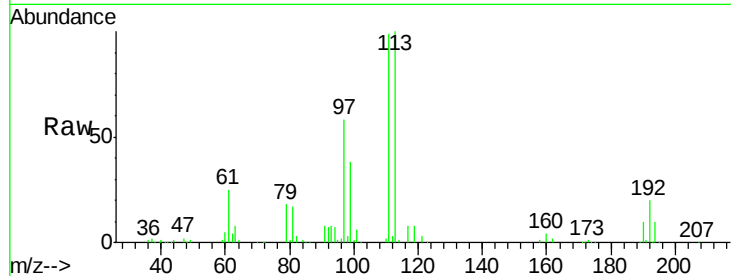
#35
Dibromofluoromethane
Concen: 47.377 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110895		
111	100.3	81.5	122.3	
192	20.4	16.3	24.5	

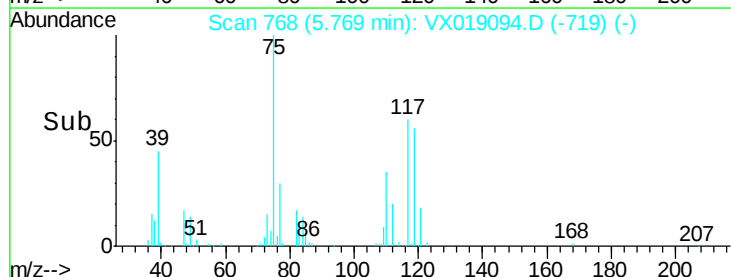
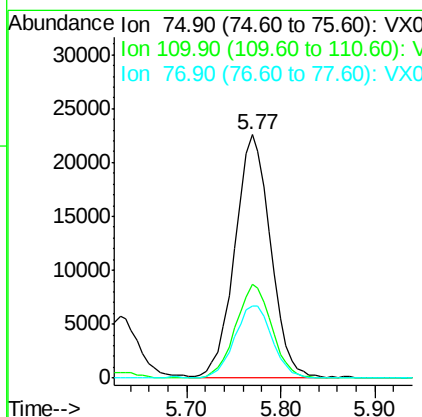
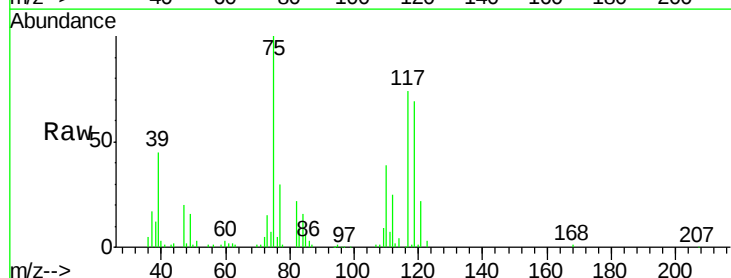
Manual Integrations
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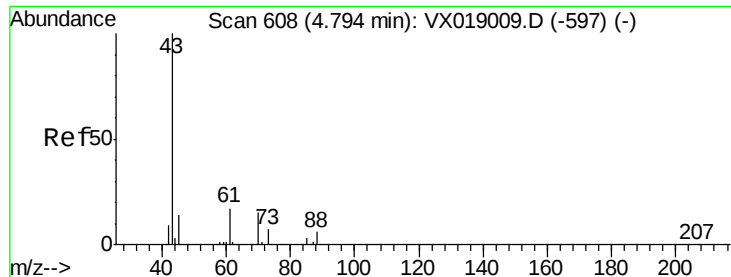
MMDadoda
10/26/2020 10:02:42 AM



#36
1,1-Dichloropropene
Concen: 17.961 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59582		
110	39.0	19.4	58.2	
77	31.8	25.2	37.8	





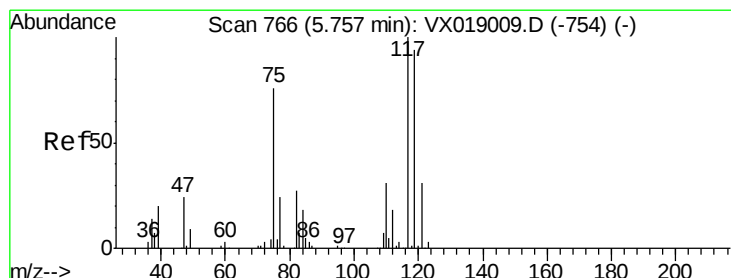
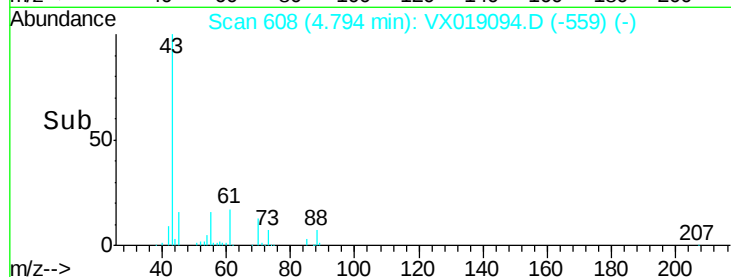
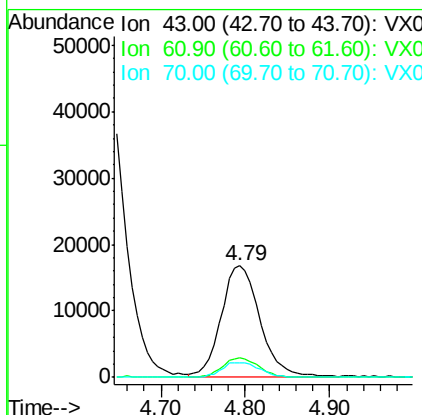
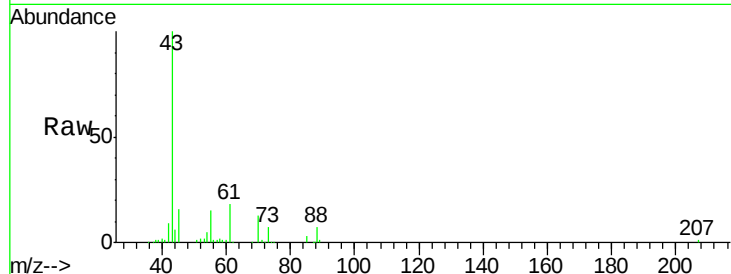
#37
Ethyl Acetate
Concen: 18.224 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion:	43	Resp:	51599
Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.8	20.8
70	13.3	11.4	17.2

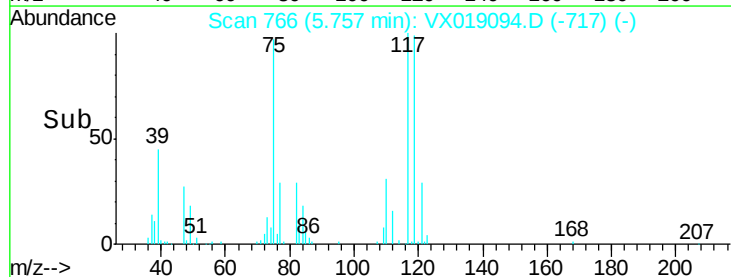
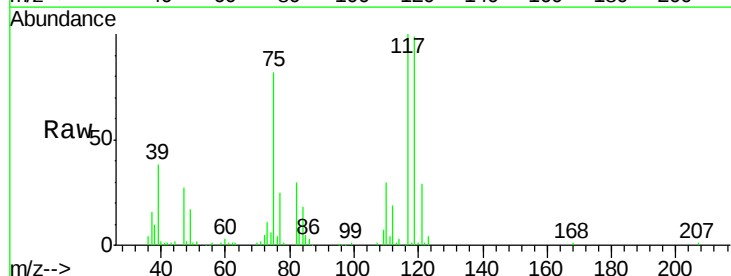
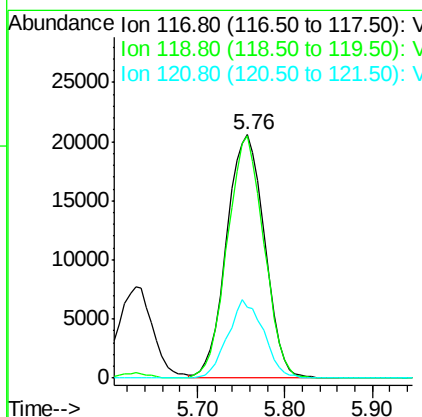
Manual Integrations
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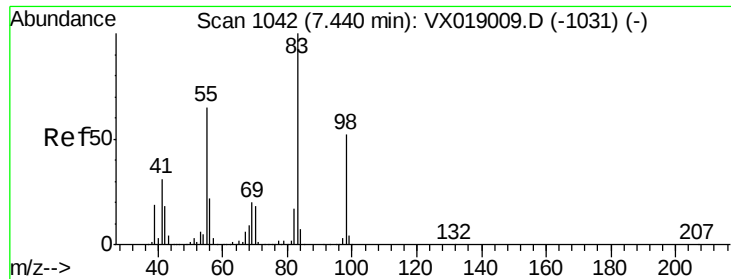
MMDadoda
10/26/2020 10:02:42 AM



#38
Carbon Tetrachloride
Concen: 17.861 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:	117	Resp:	62189
Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.4	113.0
121	29.3	25.0	37.6





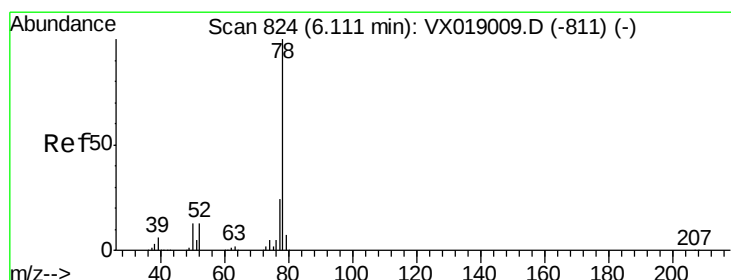
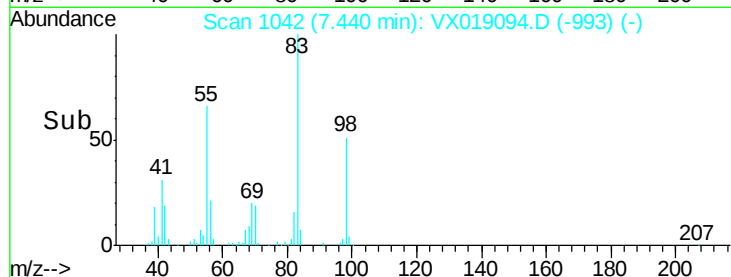
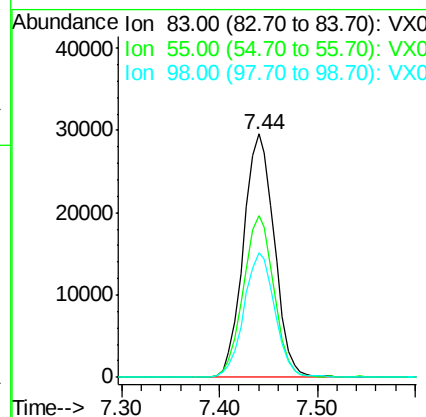
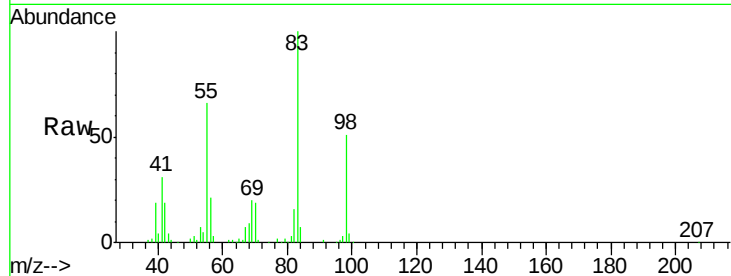
#39
Methvlcvclohexane
Concen: 17.445 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	83	Resp	64834
Ion Ratio	100	Lower	Upper
83	100		
55	66.4	51.8	77.6
98	51.1	41.4	62.2

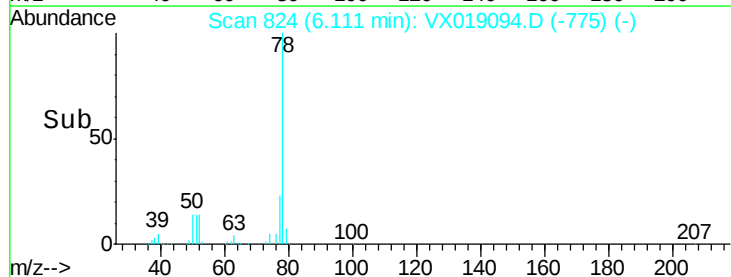
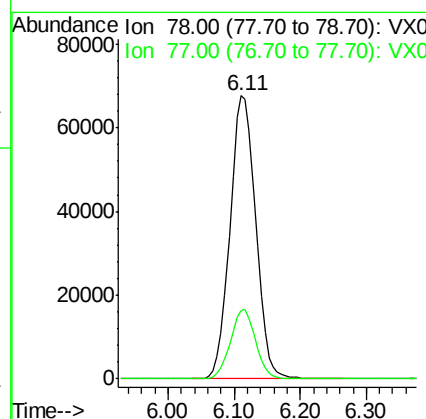
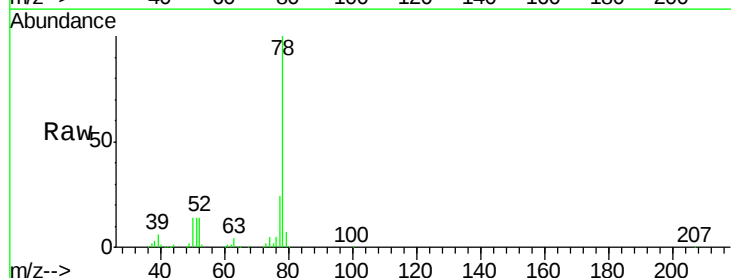
Manual Integrations
APPROVED

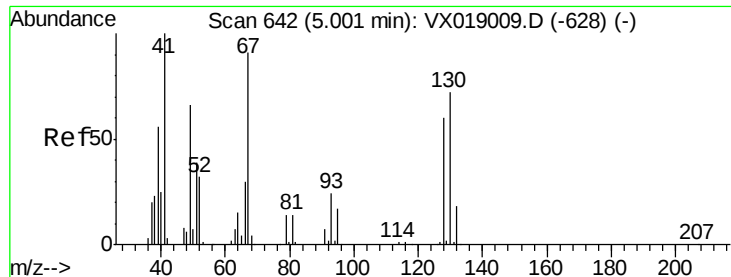
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#40
Benzene
Concen: 18.673 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	78	Resp	182437
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.3	28.9





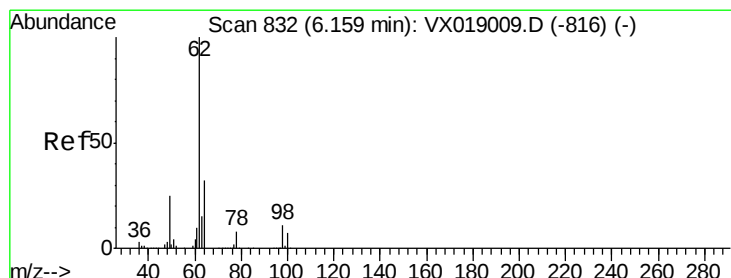
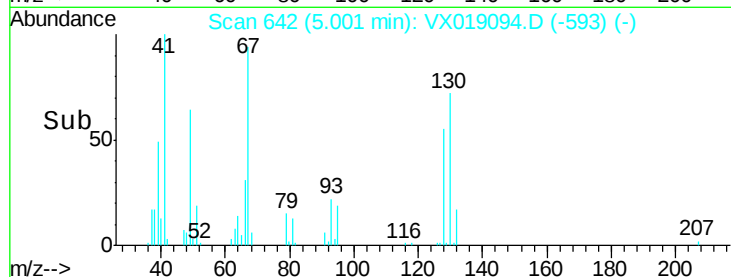
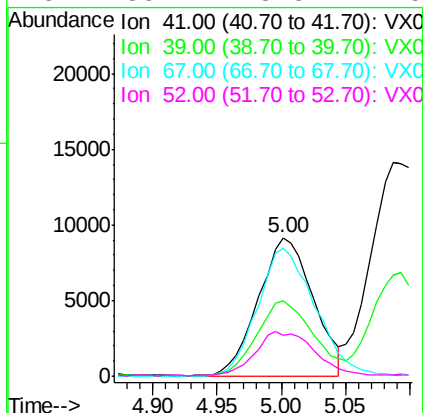
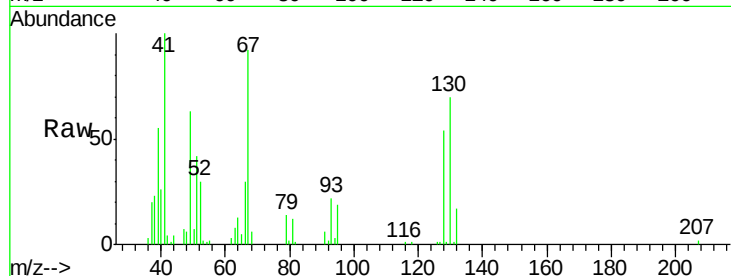
#41
Methacrylonitrile
Concen: 17.927 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ion	Ratio	Lower	Upper
27266	41	100		
	39	56.9	44.6	67.0
	67	96.8	76.1	114.1
	52	35.7	28.3	42.5

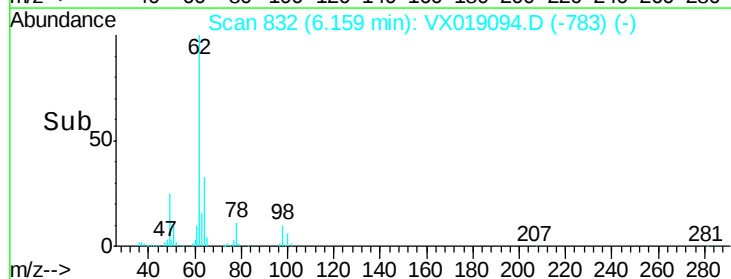
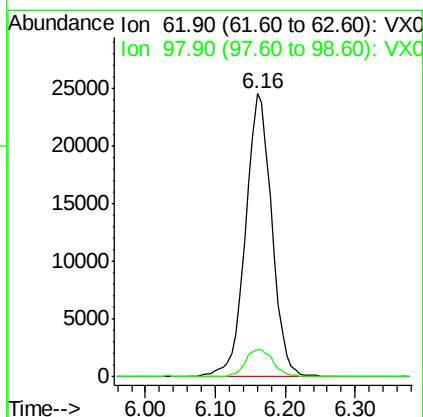
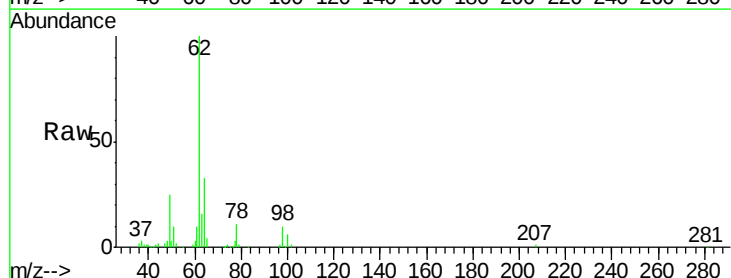
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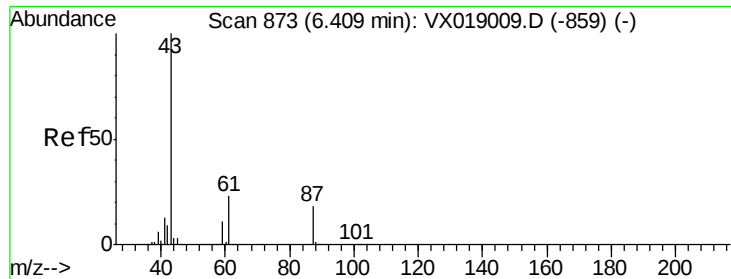
MMDadoda
10/26/2020 10:02:42 AM



#42
1,2-Dichloroethane
Concen: 19.216 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ion	Ratio	Lower	Upper
64071	62	100		
	98	10.2	0.0	20.8





#43

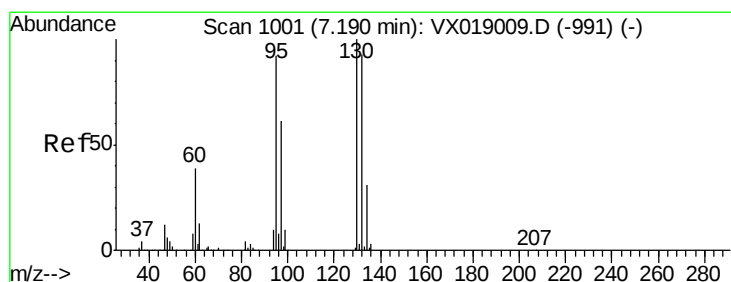
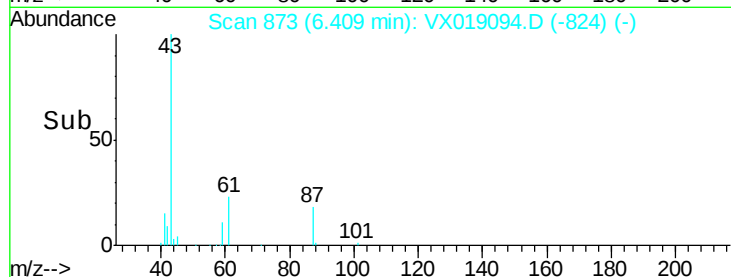
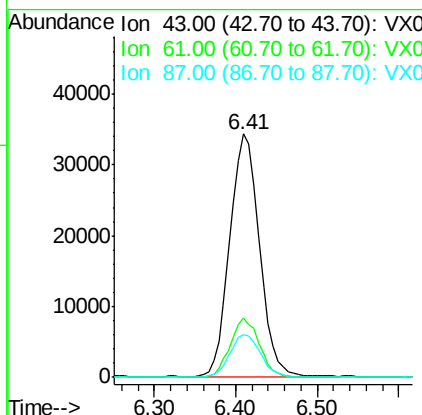
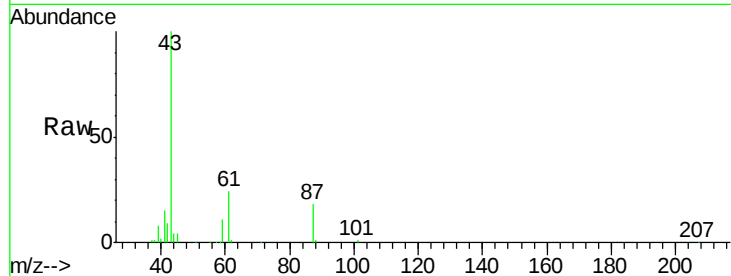
Isopropyl Acetate
 Concen: 17.989 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.9	18.7	28.1
87	18.2	14.2	21.4

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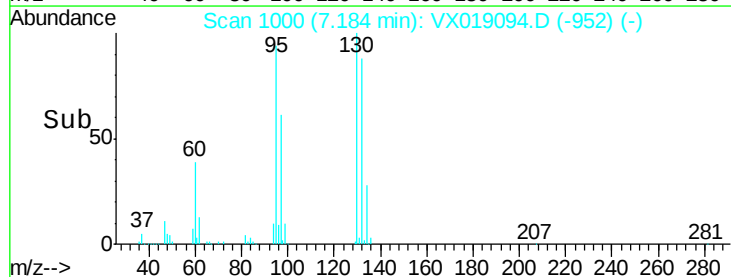
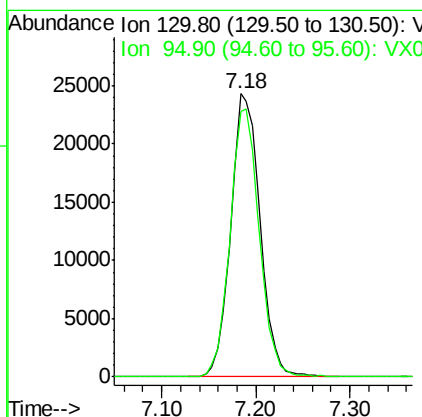
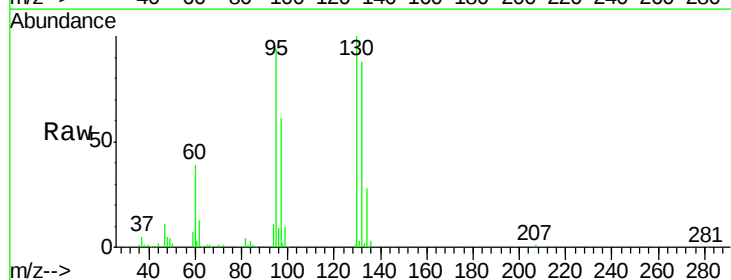
MMDadoda
 10/26/2020 10:02:42 AM

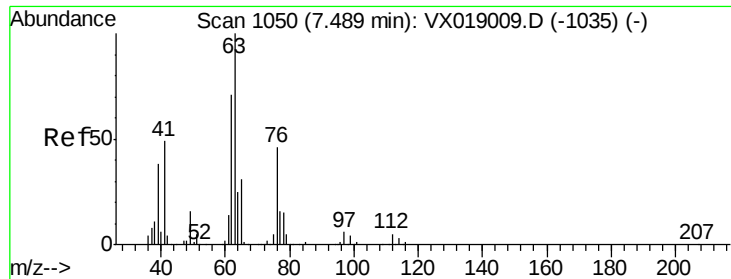


#44

Trichloroethene
 Concen: 18.384 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 18.545 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 63 Resp: 43460

Ion Ratio Lower Upper

63 100

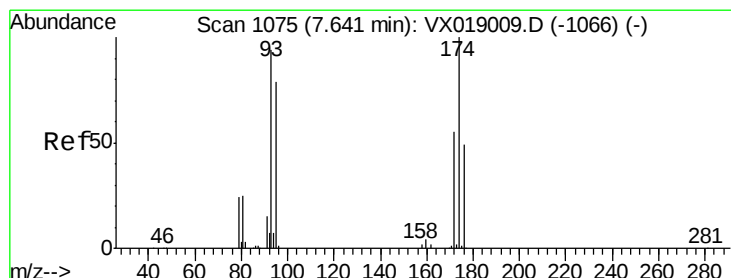
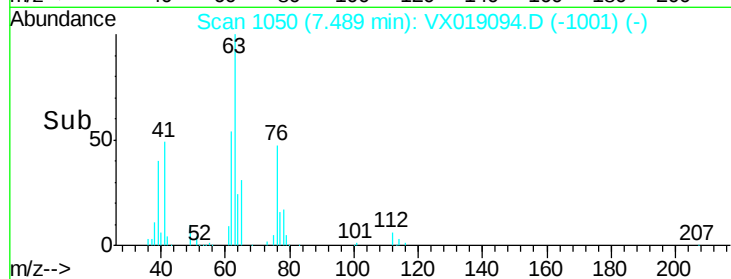
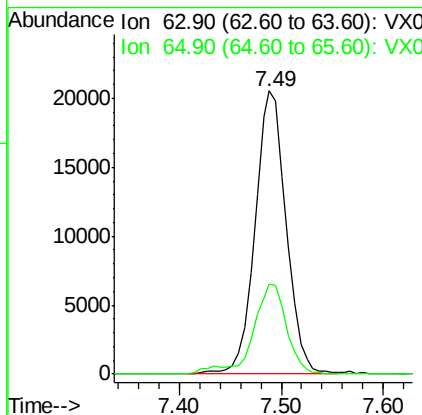
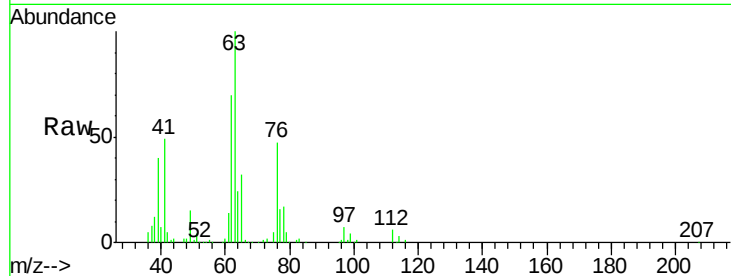
65 32.0 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 18.437 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

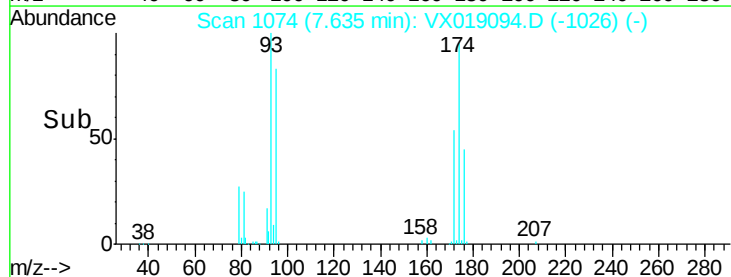
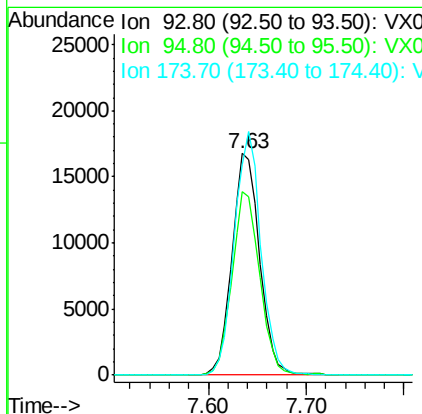
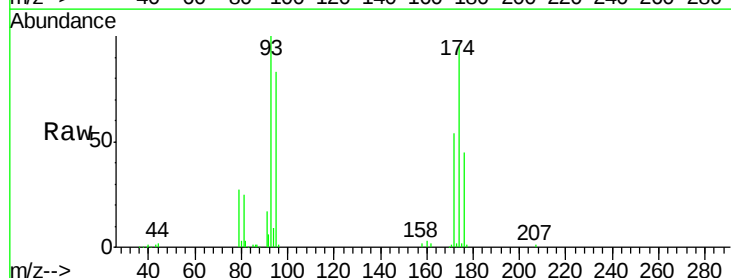
Tgt Ion: 93 Resp: 32909

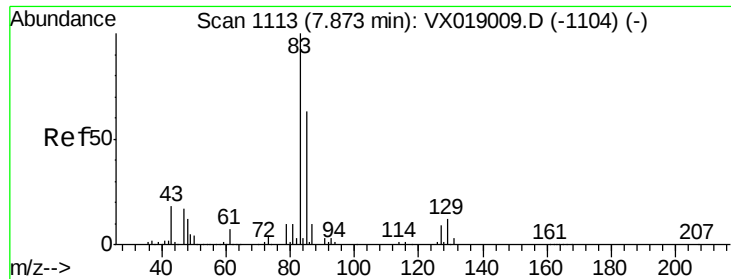
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 105.8 83.8 125.8





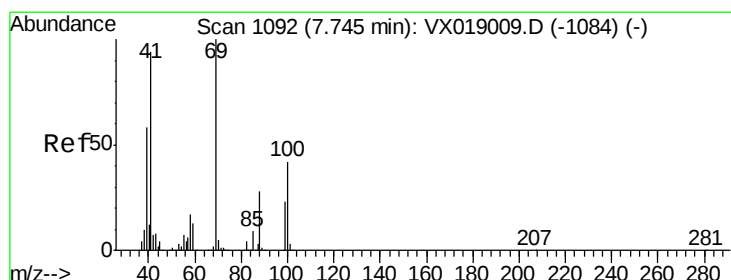
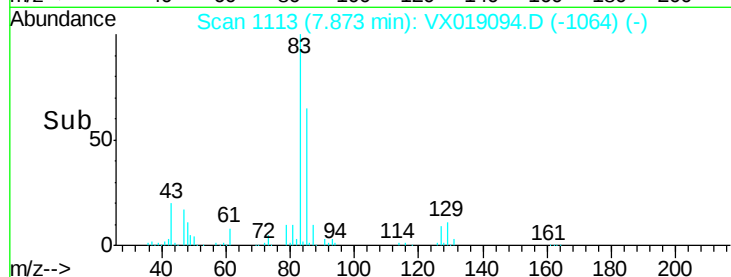
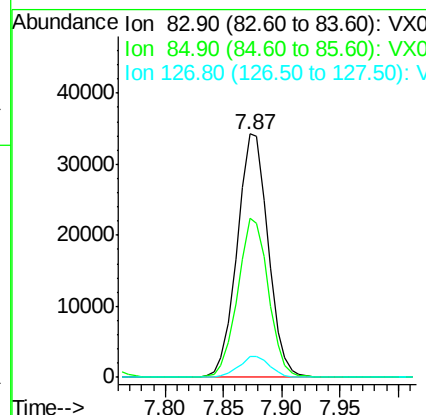
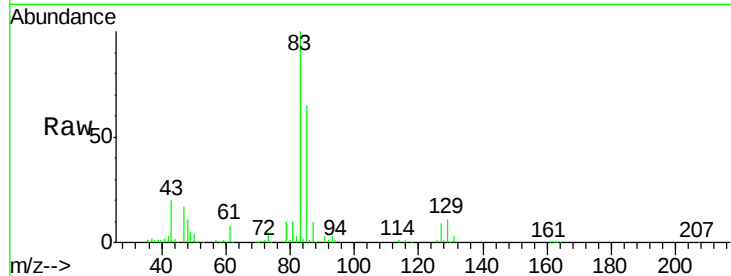
#47
Bromodichloromethane
Concen: 18.191 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	83	Resp	63662
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	50.7	76.1
127	8.6	6.8	10.2

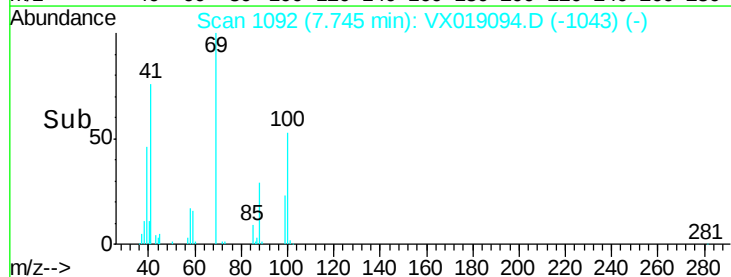
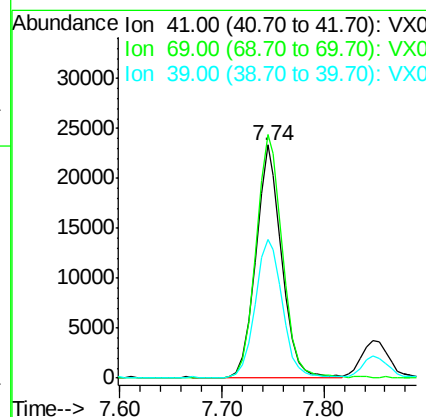
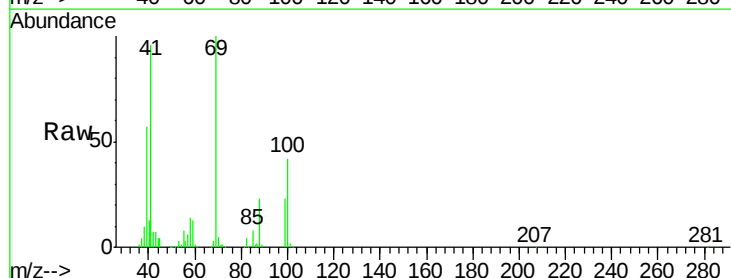
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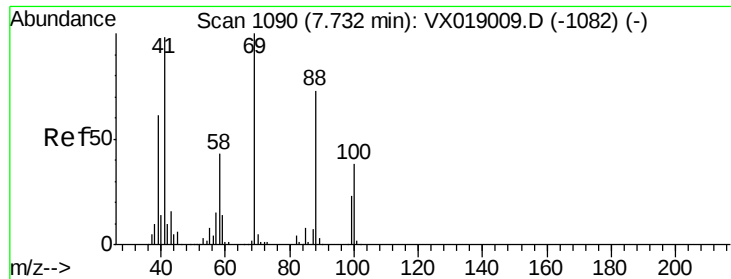
MMDadoda
10/26/2020 10:02:42 AM



#48
Methyl methacrylate
Concen: 17.508 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	41	Resp	41366
Ion Ratio	100	Lower	Upper
41	100		
69	106.5	85.5	128.3
39	63.0	49.3	73.9





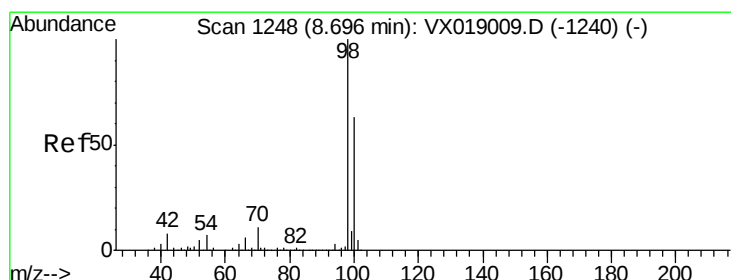
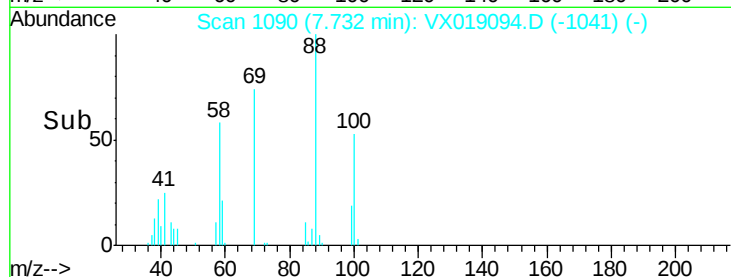
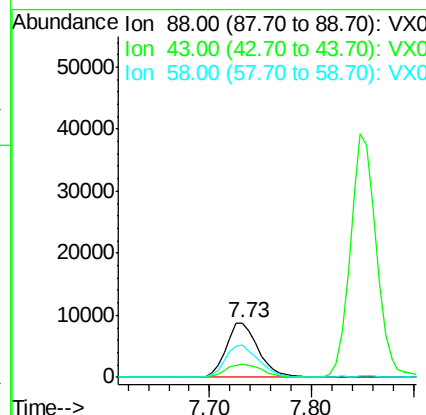
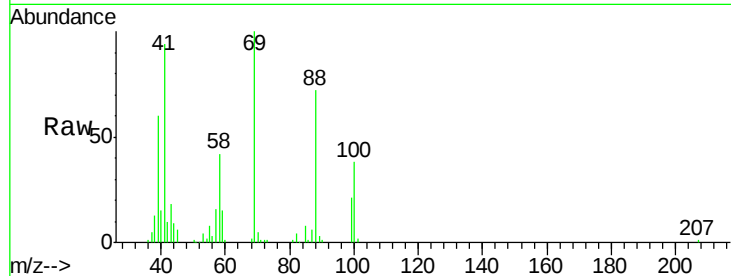
#49
1,4-Dioxane
Concen: 359.764 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.9	20.3	30.5
58	60.9	48.4	72.6

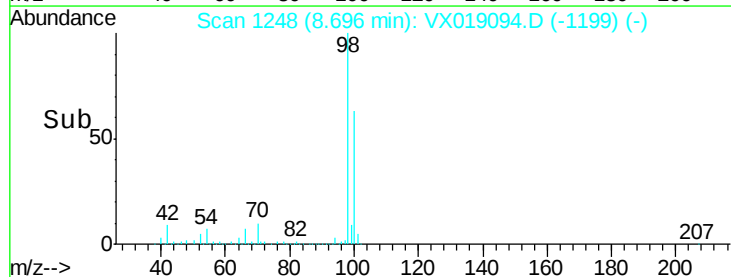
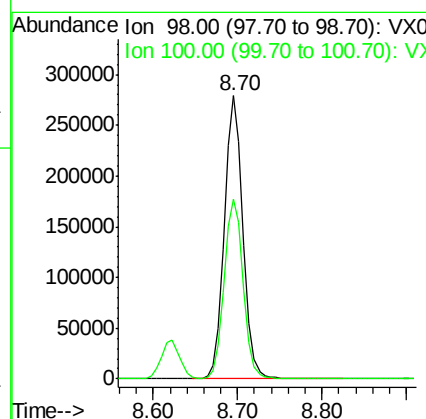
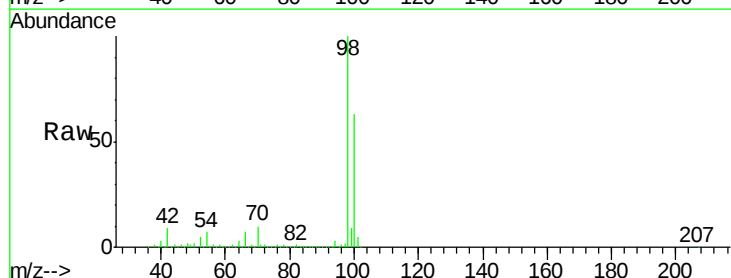
Manual Integrations
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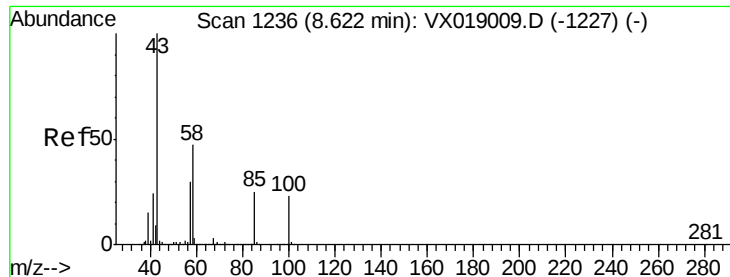
MMDadoda
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#50
Toluene-d8
Concen: 47.446 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1





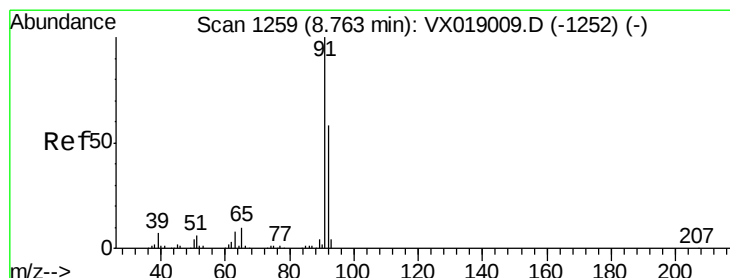
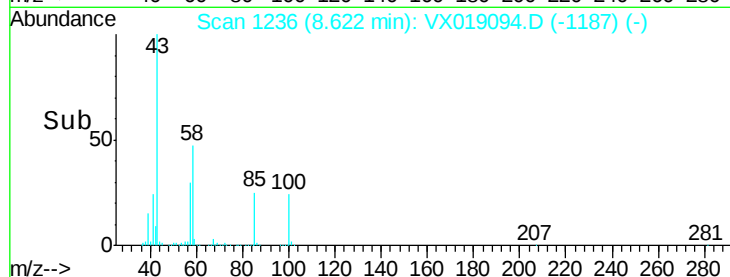
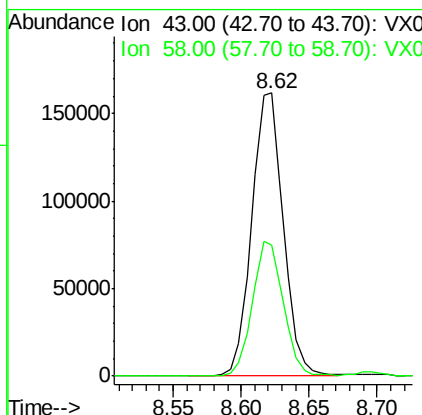
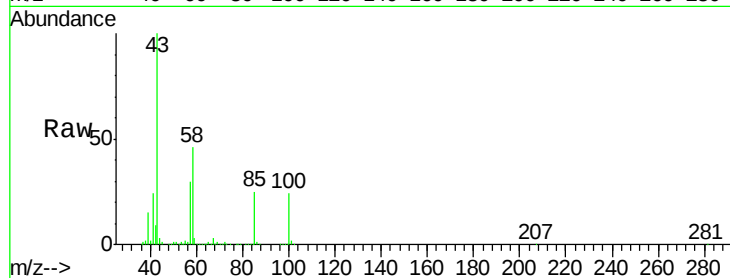
#51
 4-Methyl-2-Pentanone
 Concen: 93.181 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.4	56.0

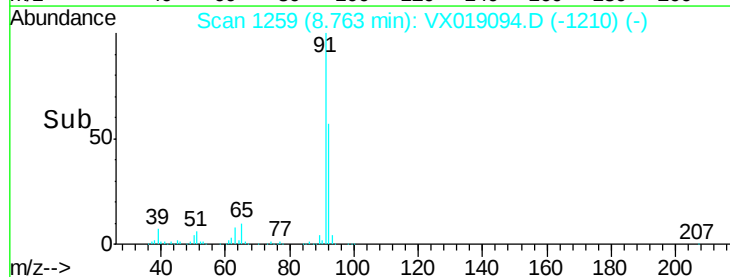
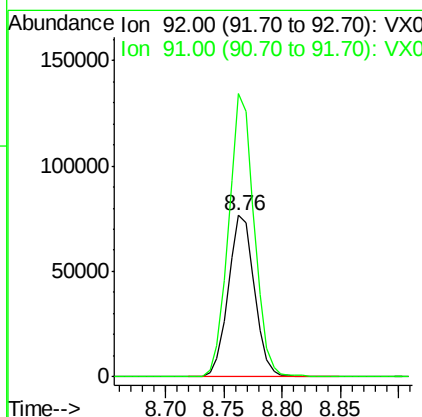
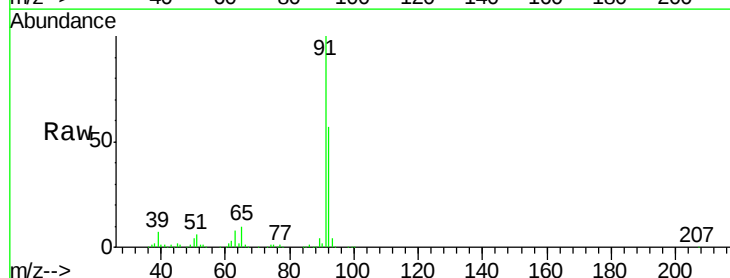
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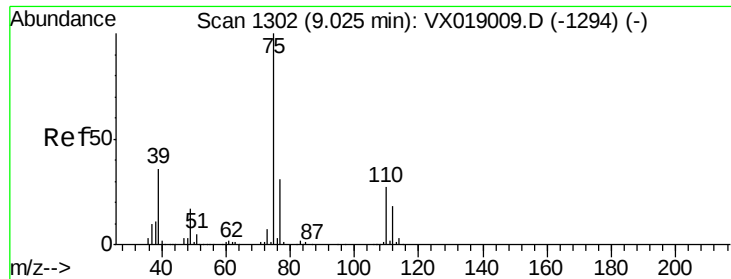
MMDadoda
 10/26/2020 10:02:42 AM



#52
 Toluene
 Concen: 18.634 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	138.6	208.0





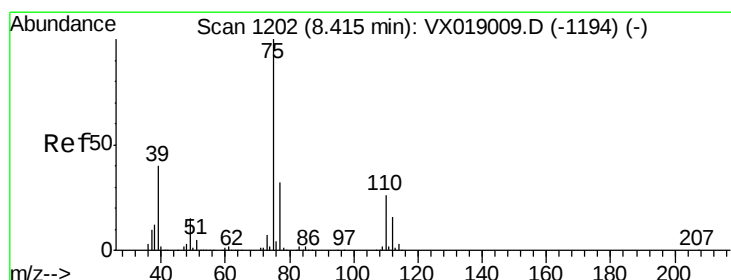
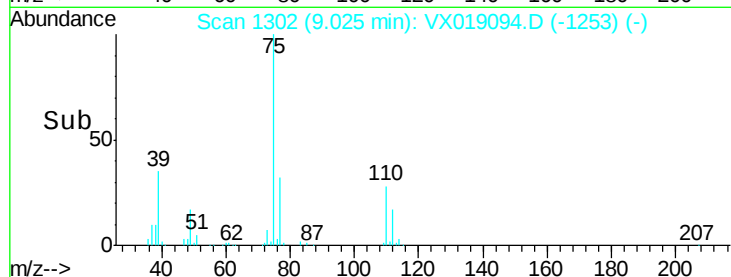
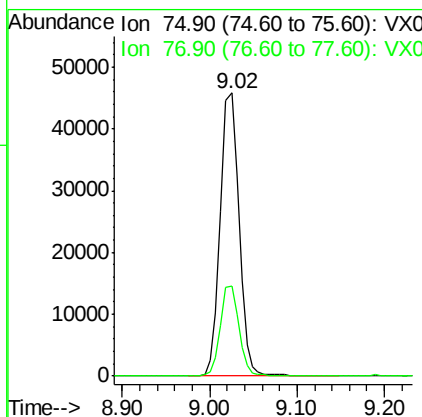
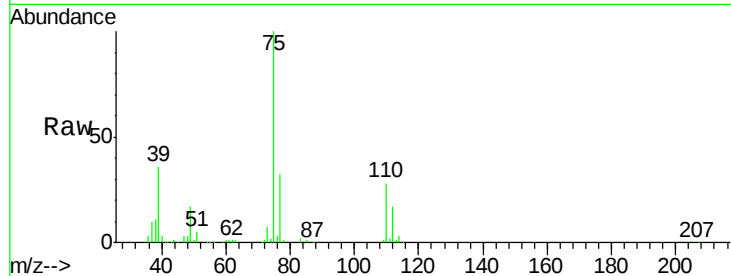
#53
t-1,3-Dichloropropene
Concen: 17.308 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	75	Resp	68403
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.1	37.7

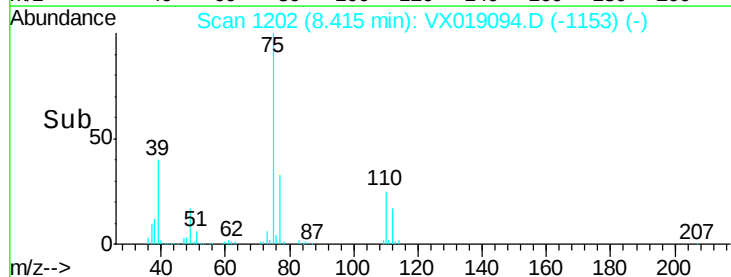
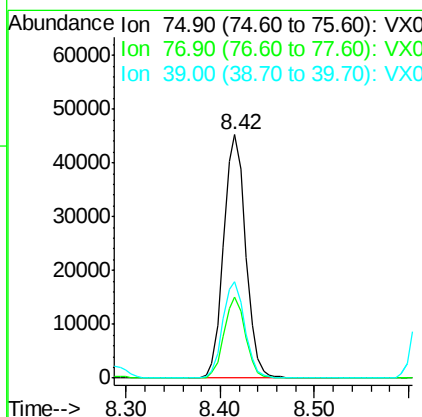
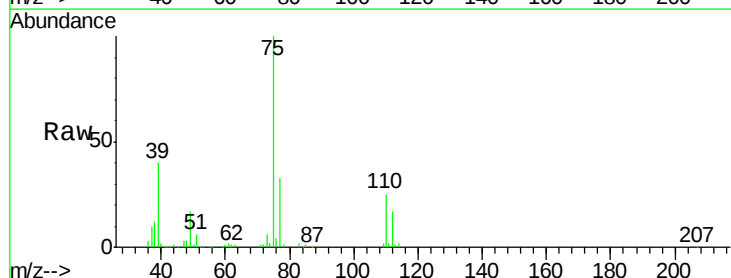
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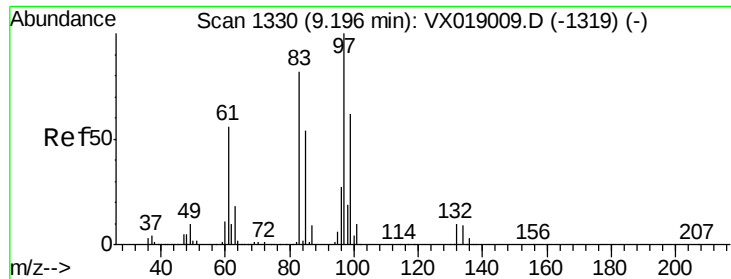
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.634 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	75	Resp	73595
Ion Ratio	Lower	Upper	
75	100		
77	33.3	25.9	38.9
39	39.6	31.7	47.5





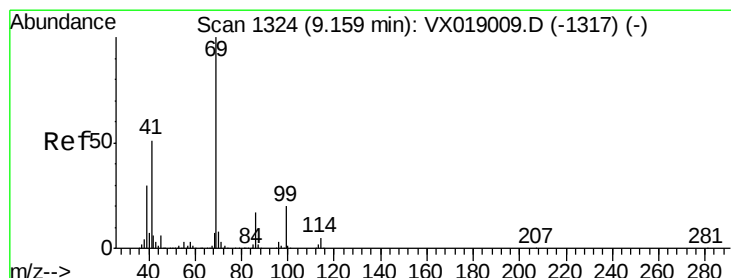
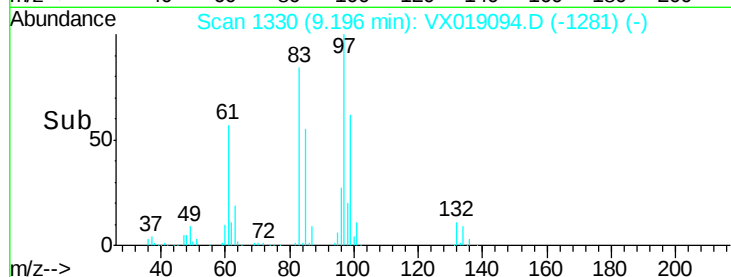
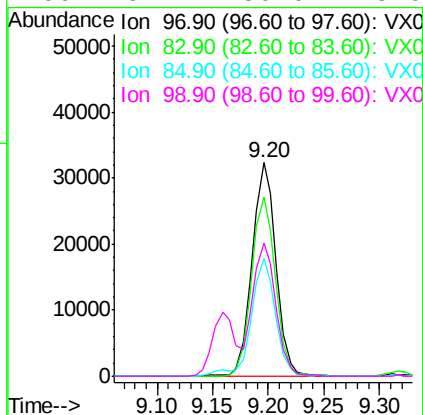
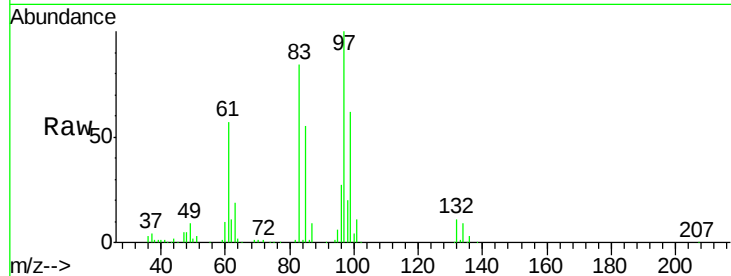
#55
 1,1,2-Trichloroethane
 Concen: 18.320 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion:	97	Resp:	48193
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.4	98.2
85	55.0	43.3	64.9
99	62.4	50.0	75.0

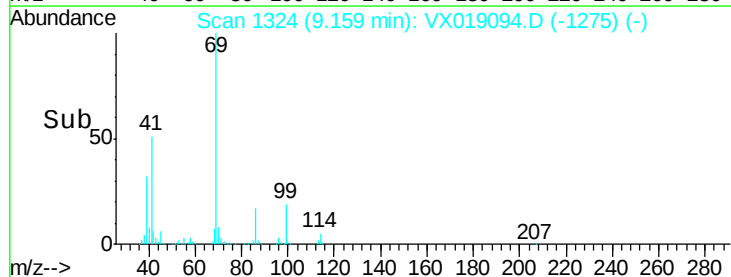
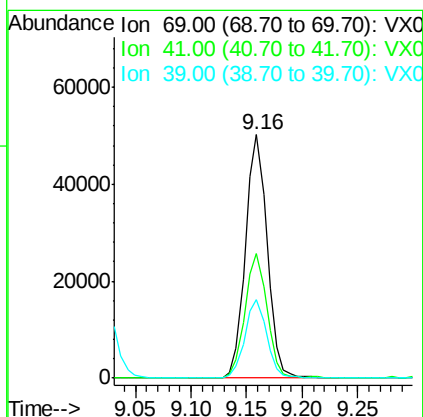
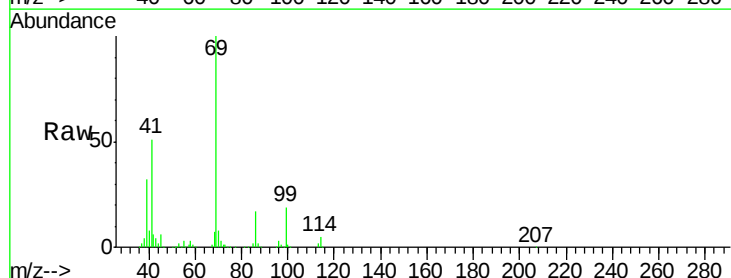
Manual Integrations
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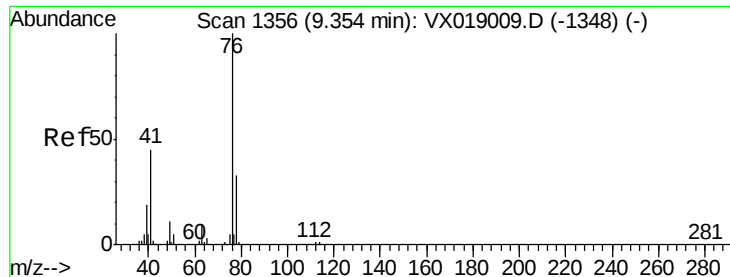
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 10/26/2020 10:02:42 AM



#56
 Ethyl methacrylate
 Concen: 18.033 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion:	69	Resp:	68249
Ion	Ratio	Lower	Upper
69	100		
41	52.7	41.1	61.7
39	33.2	24.6	37.0





#57

1,3-Dichloropropane

Concen: 18.878 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 76 Resp: 78823

Ion Ratio Lower Upper

76 100

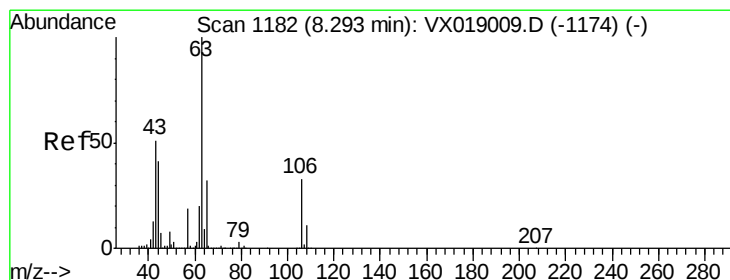
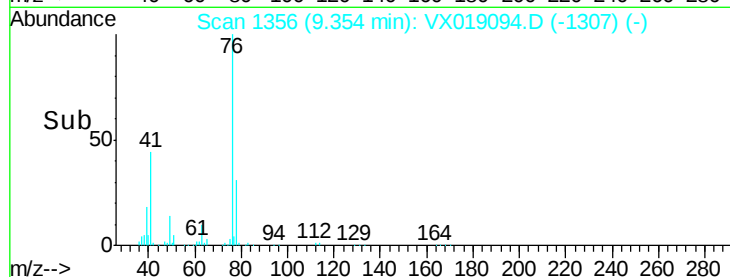
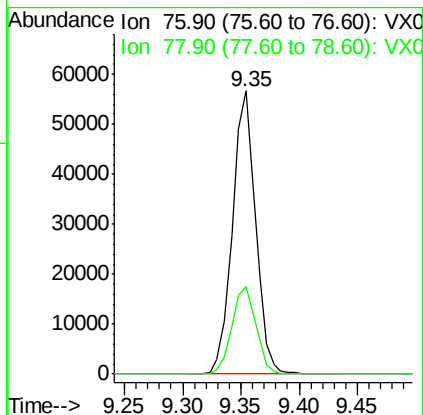
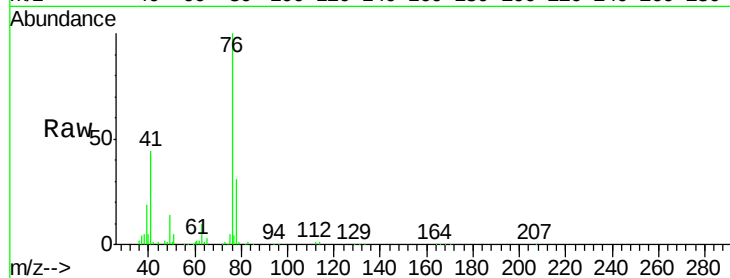
78 32.3 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 88.761 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019094.D

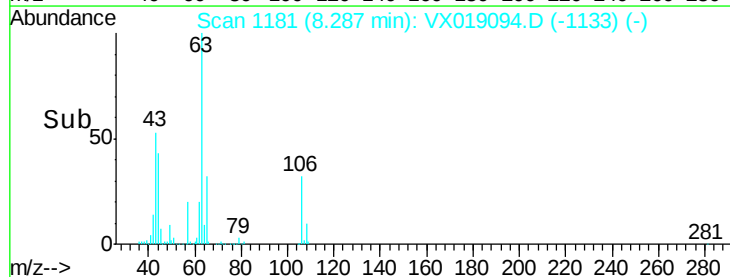
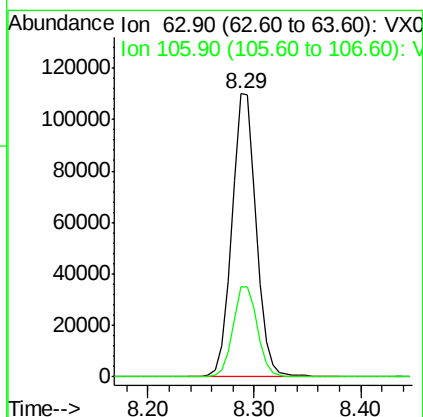
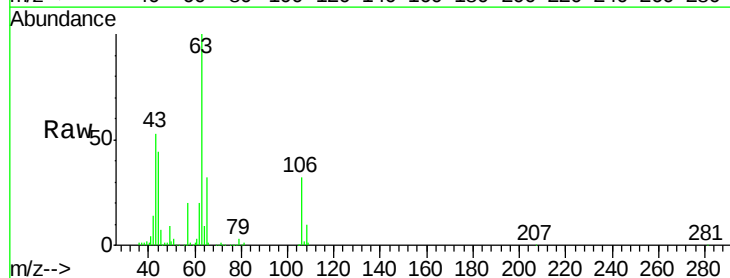
Acq: 23 Oct 2020 23:13

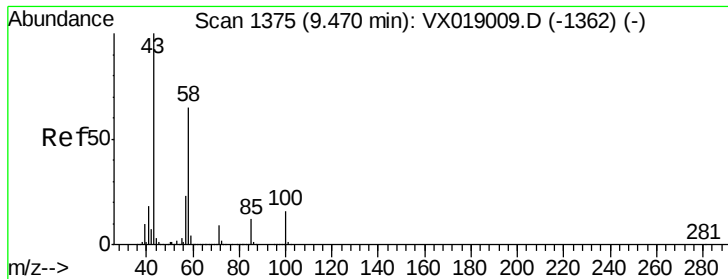
Tgt Ion: 63 Resp: 176466

Ion Ratio Lower Upper

63 100

106 32.3 26.0 39.0





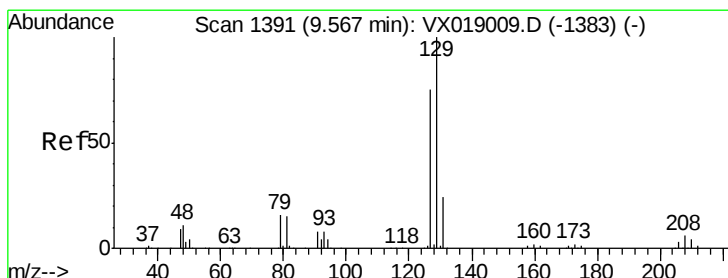
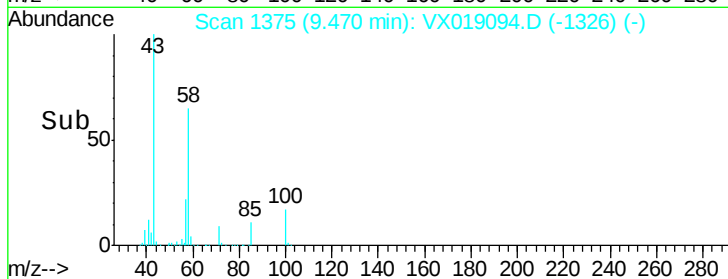
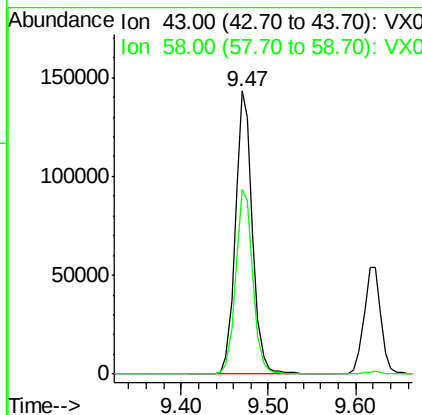
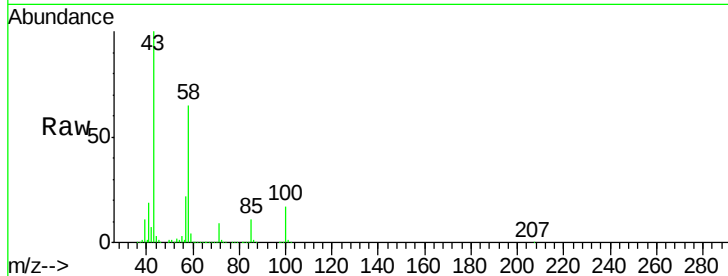
#59
2-Hexanone
Concen: 92.438 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	66.1	32.8	98.4

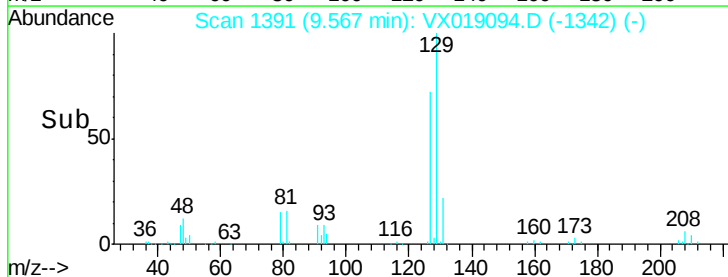
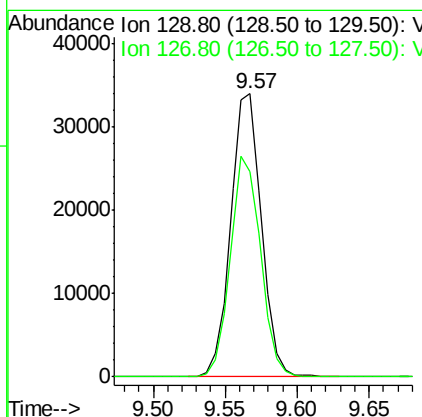
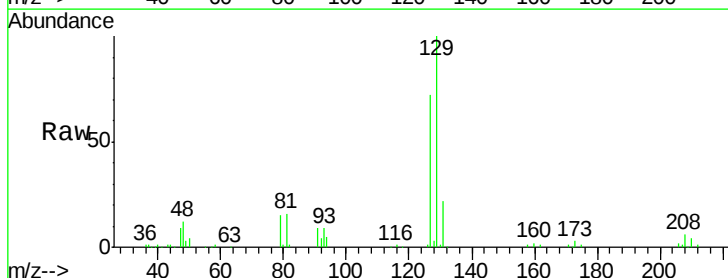
Manual Integrations
APPROVED

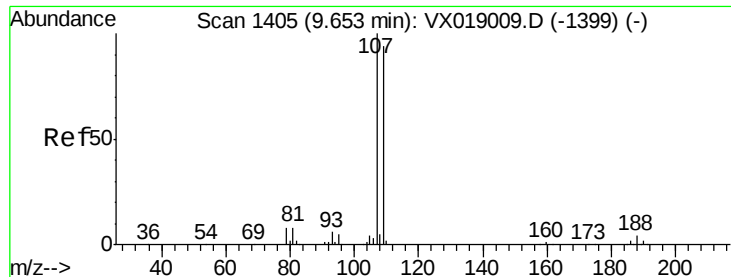
MMDadoda
10/26/2020 10:02:42 AM



#60
Dibromochloromethane
Concen: 17.657 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.7





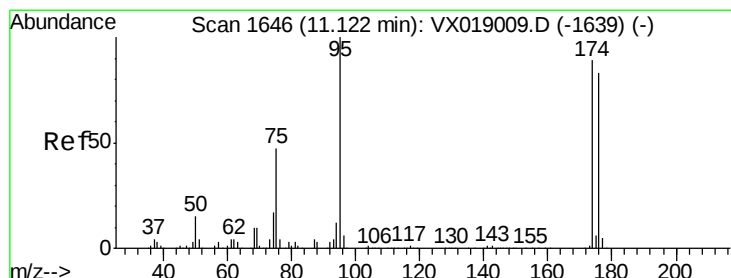
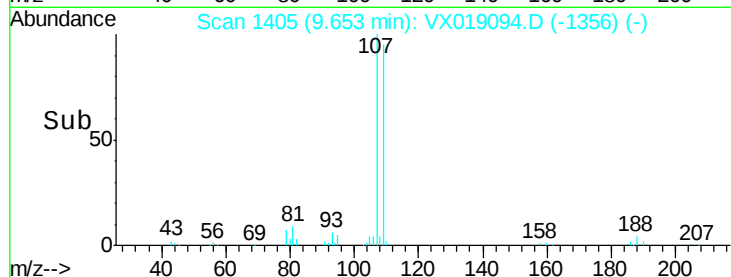
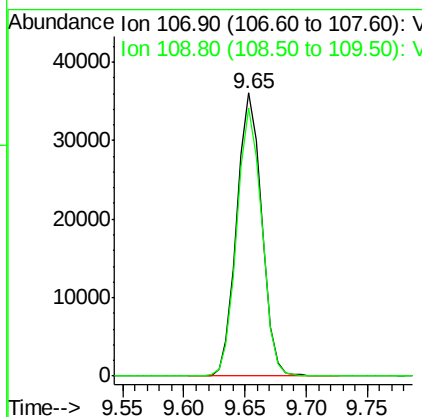
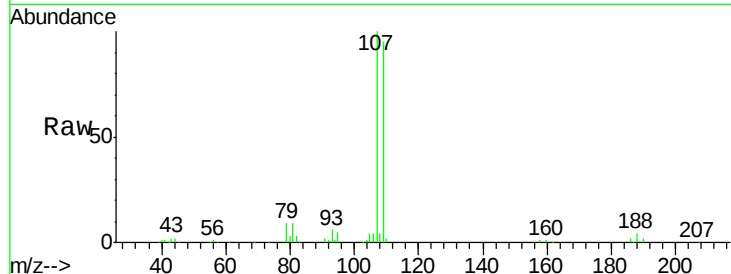
#61
 1,2-Dibromoethane
 Concen: 18.047 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6

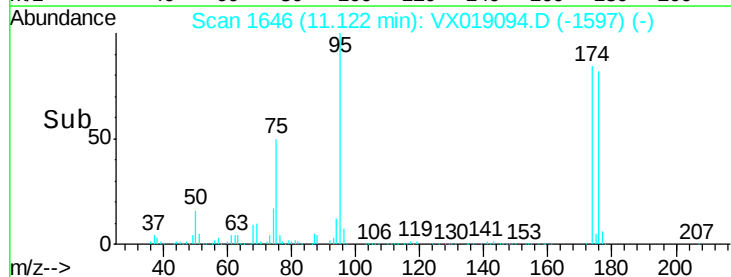
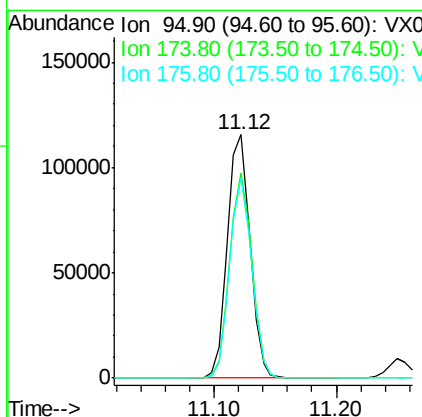
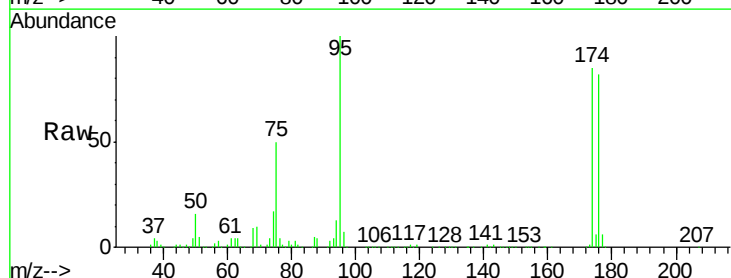
Manual Integrations
 APPROVED

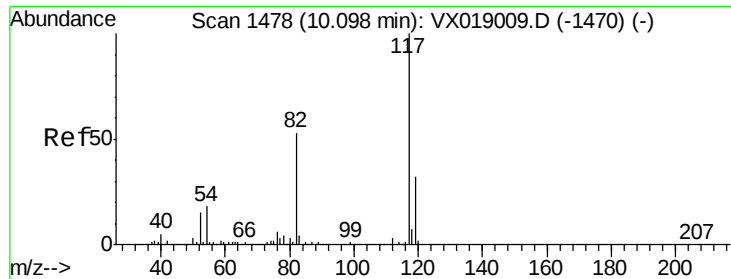
MMDadoda
 10/26/2020 10:02:42 AM



#62
 4-Bromofluorobenzene
 Concen: 46.528 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	167.6
176	80.2	0.0	165.2





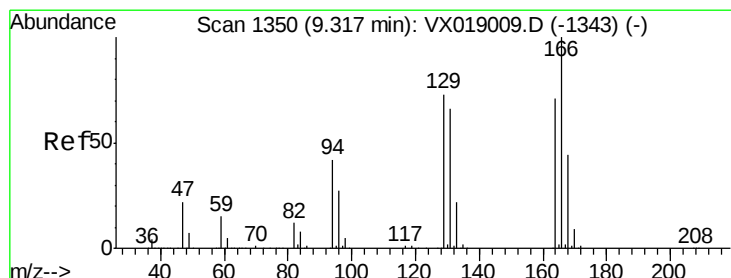
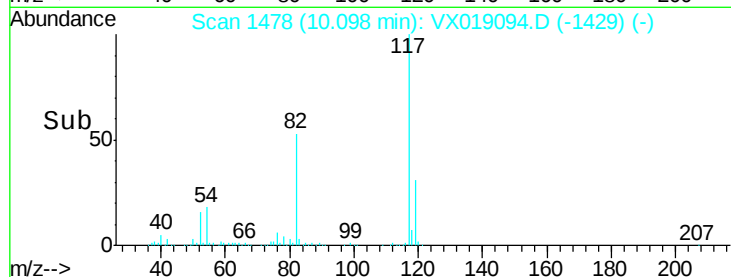
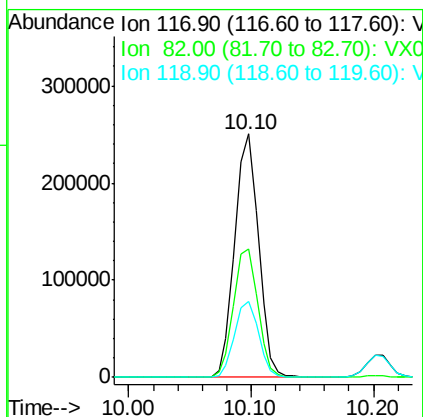
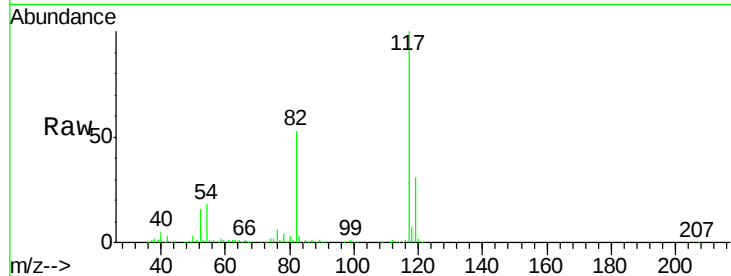
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	337241		
82	52.9		42.4	63.6
119	31.4		25.6	38.4

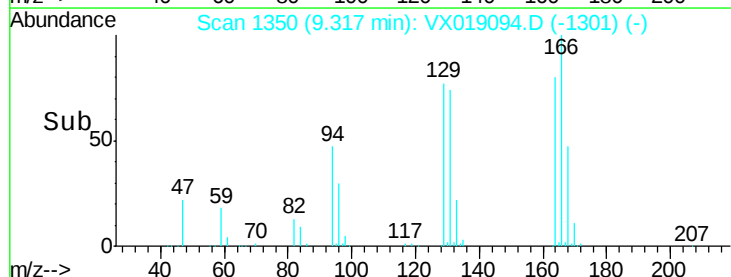
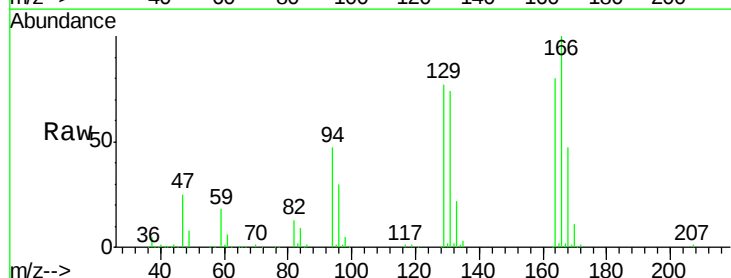
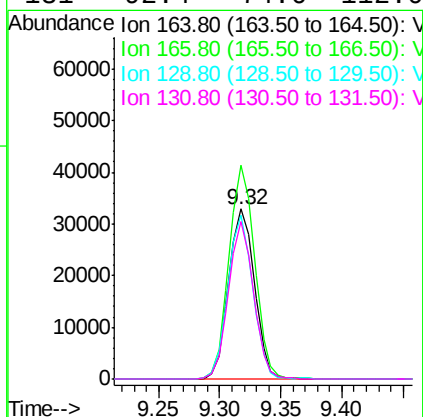
Manual Integrations
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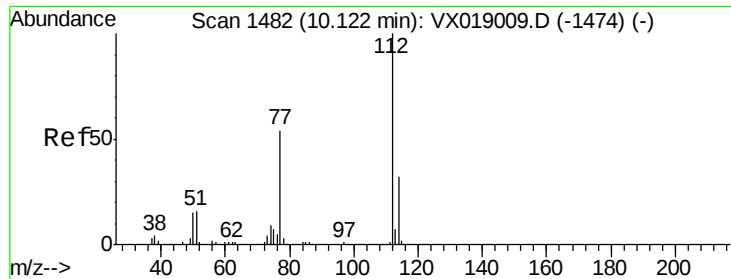
MMDadoda
10/26/2020 10:02:42 AM



#64
Tetrachloroethene
Concen: 18.789 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48244		
166	125.6		112.2	168.4
129	96.3		81.8	122.8
131	92.4		74.6	112.0





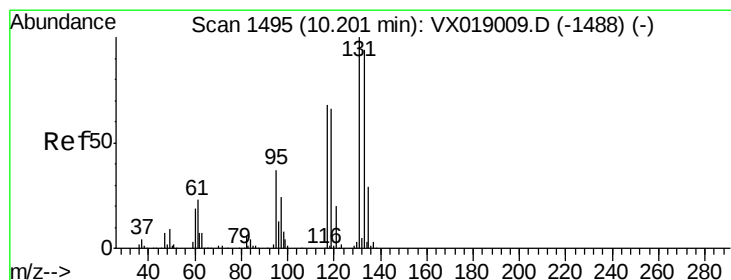
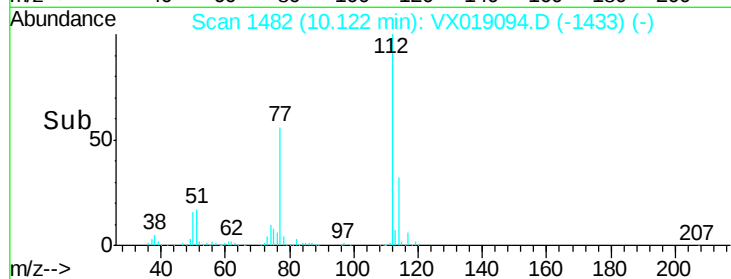
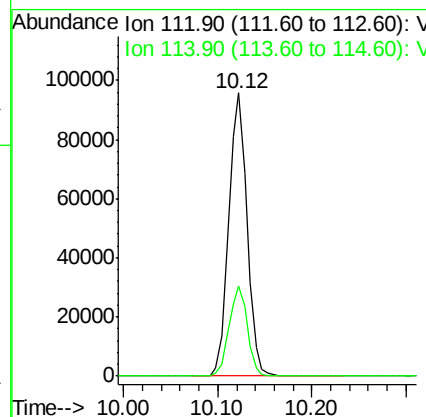
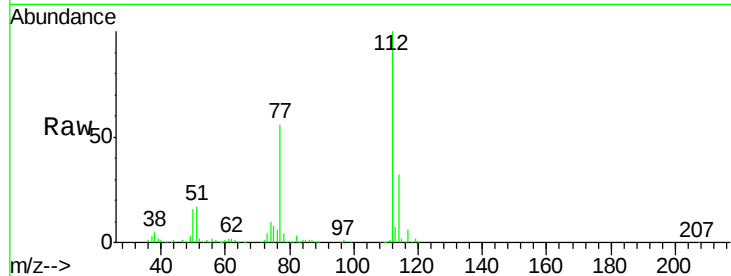
#65
Chlorobenzene
Concen: 18.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	128606		
114	31.8	25.5	38.3	

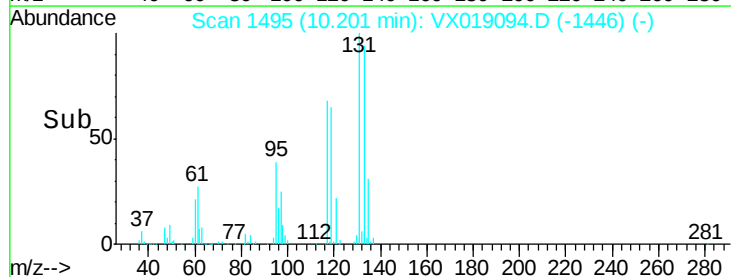
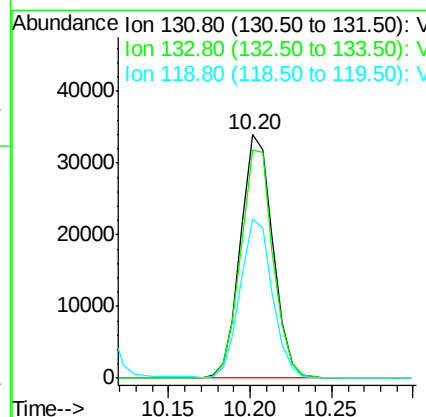
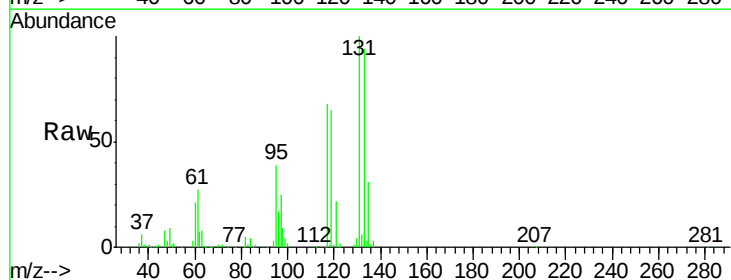
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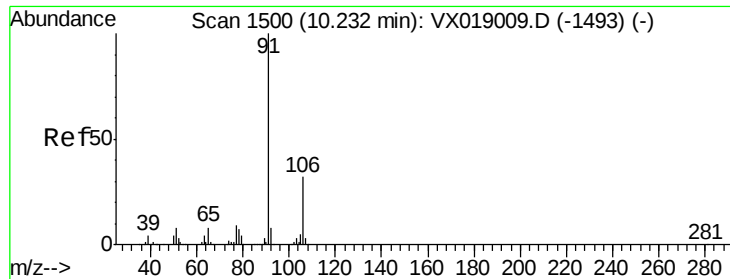
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.712 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	47061		
133	94.0	47.0	141.2	
119	65.2	32.9	98.7	





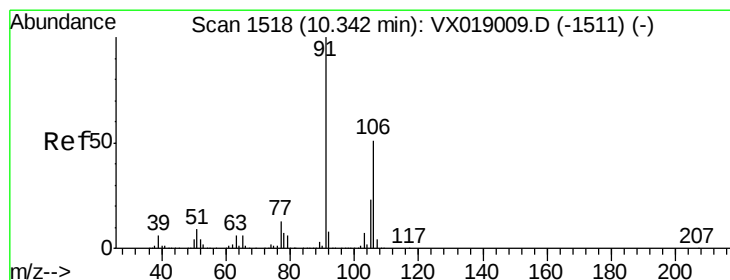
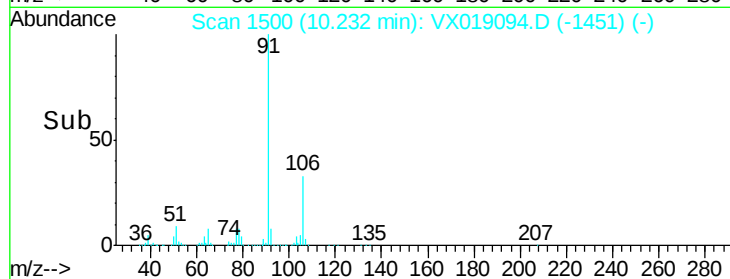
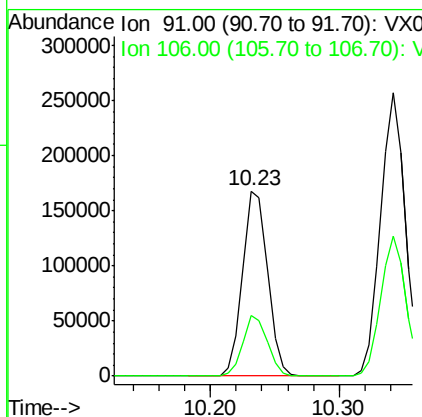
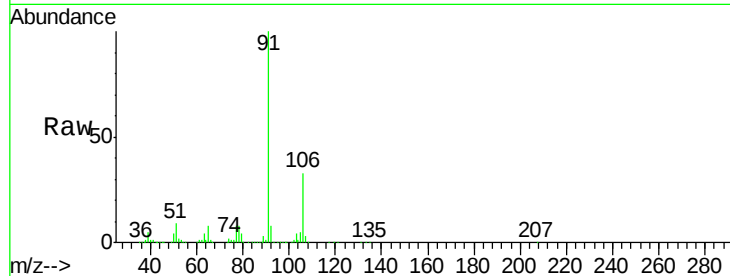
#67
Ethyl Benzene
Concen: 18.607 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.3	37.9

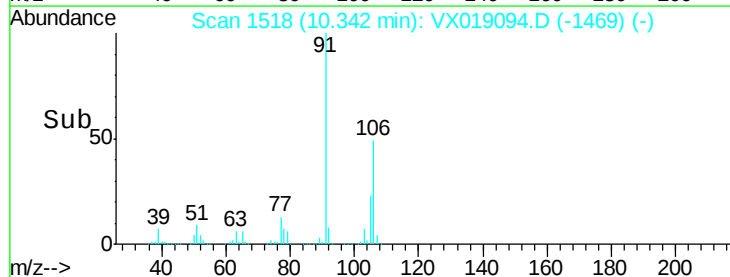
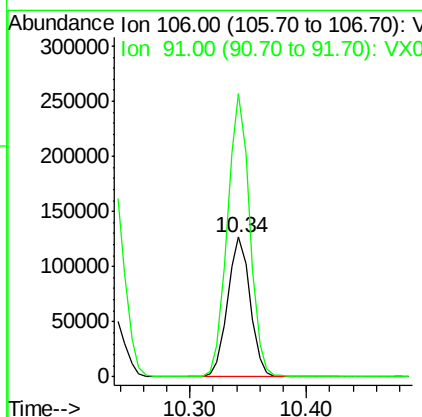
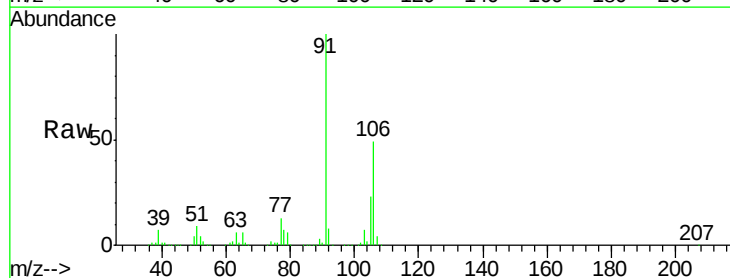
Manual Integrations
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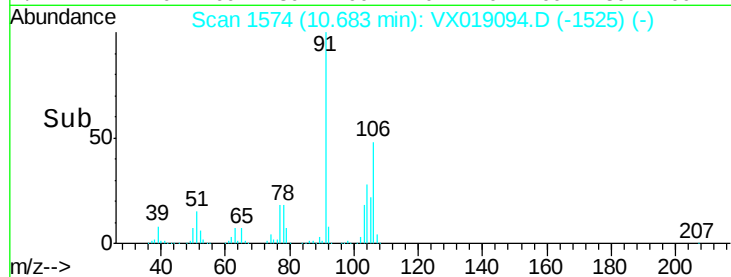
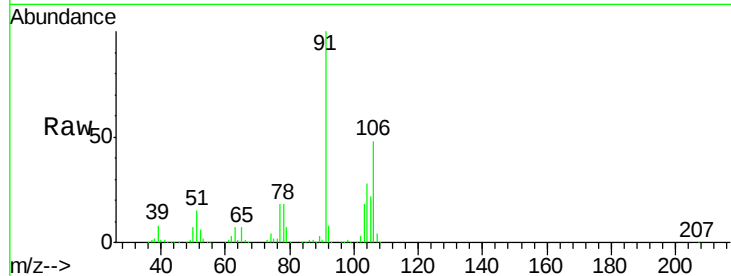
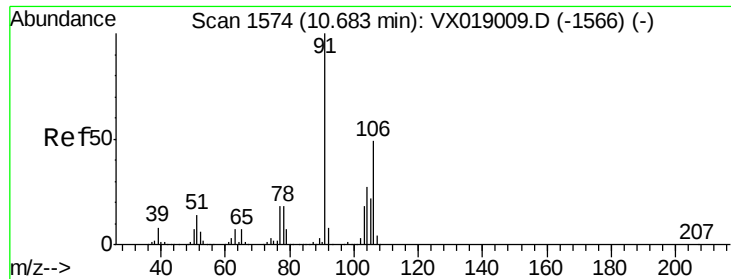
MMDadoda
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#68
m/p-Xylenes
Concen: 36.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.2	156.9	235.3





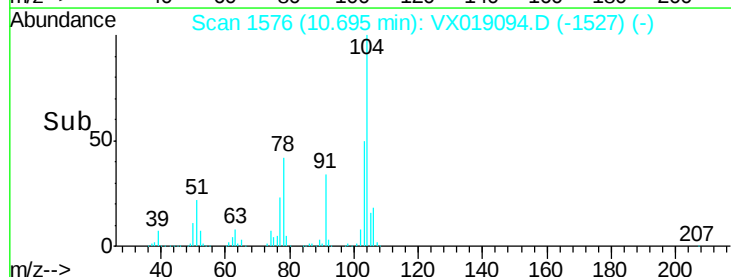
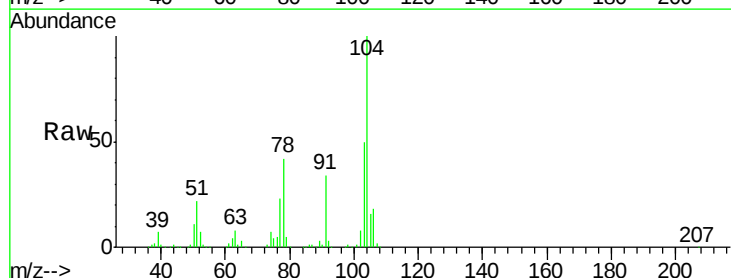
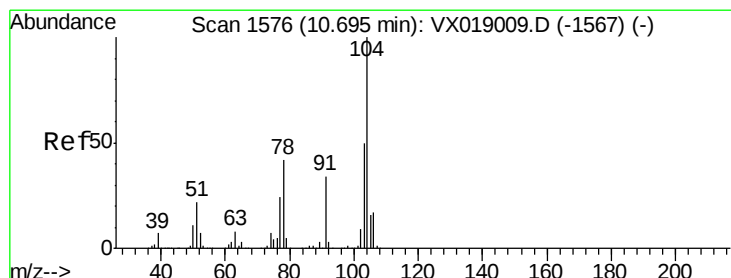
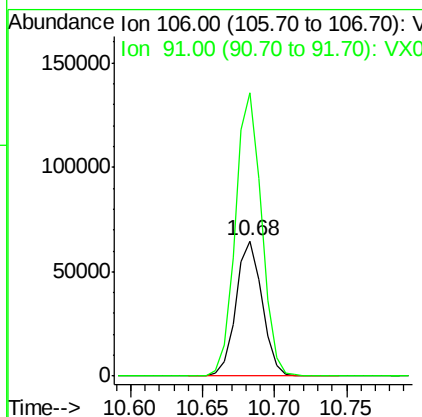
#69
o-Xylene
Concen: 18.432 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tot Ion:106 Resp: 82398
Ion Ratio Lower Upper
106 100
91 210.0 104.0 312.0

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

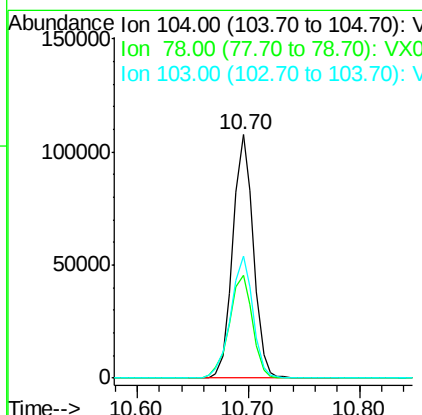
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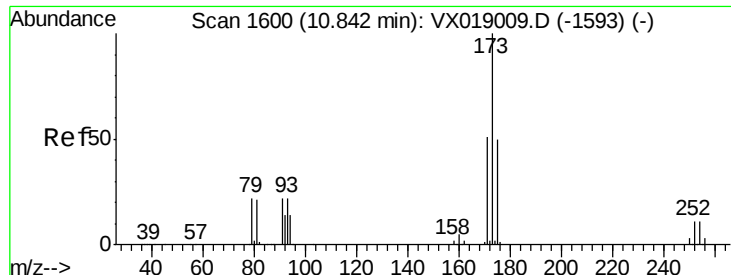
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#70
Styrene
Concen: 18.166 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion:104 Resp: 137877
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.4 43.5 65.3





#71

Bromoform

Concen: 16.959 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion:173 Resp: 34432

Ion Ratio Lower Upper

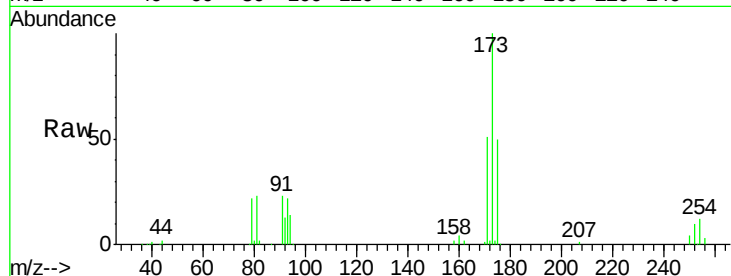
173 100

175 48.8 24.1 72.4

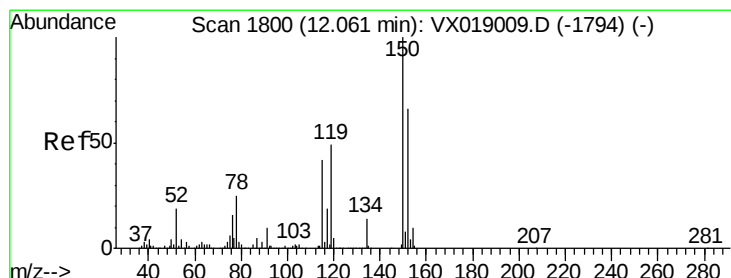
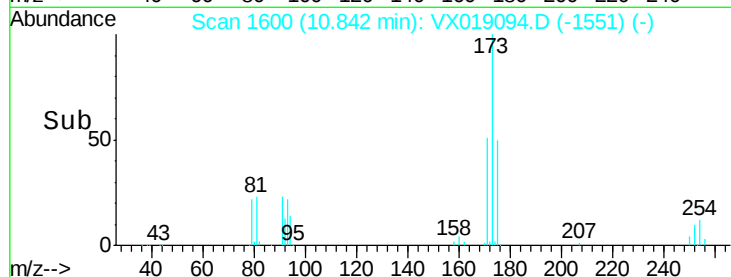
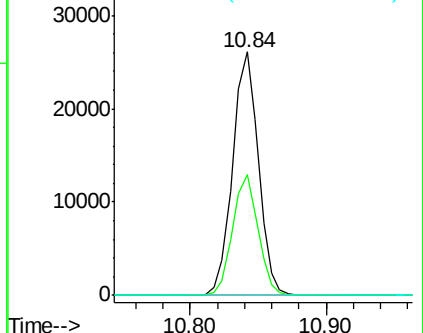
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

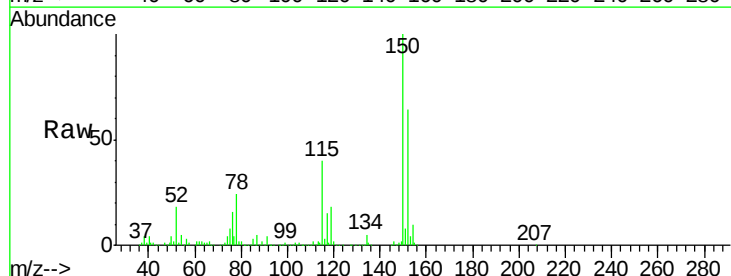
Tgt Ion:152 Resp: 168693

Ion Ratio Lower Upper

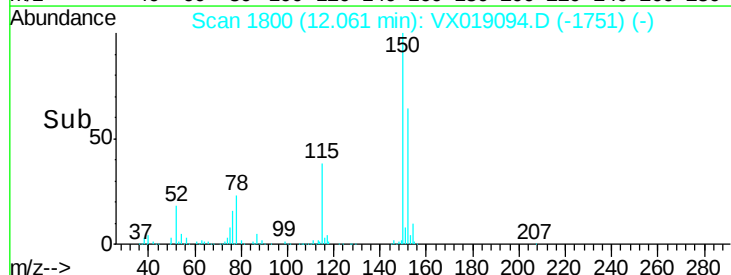
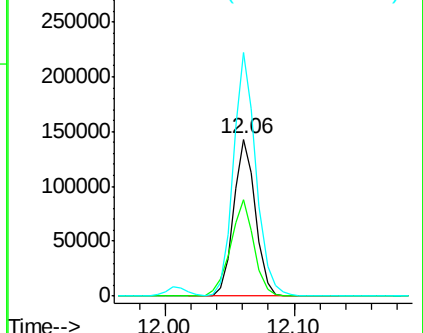
152 100

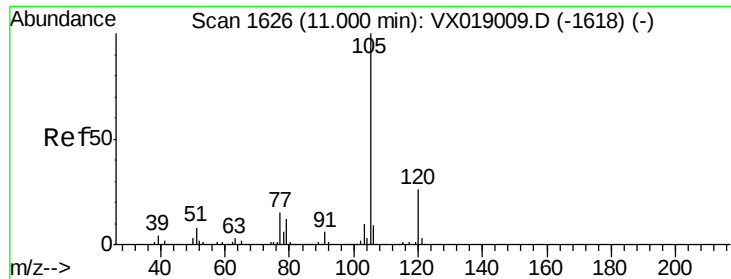
115 66.1 40.8 122.5

150 160.4 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.647 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion:105 Resp: 226284

Ion Ratio Lower Upper

105 100

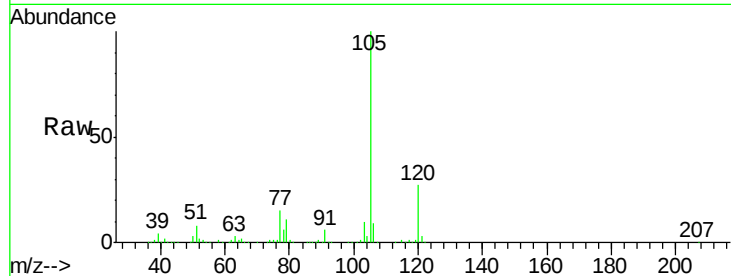
120 27.0 13.4 40.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

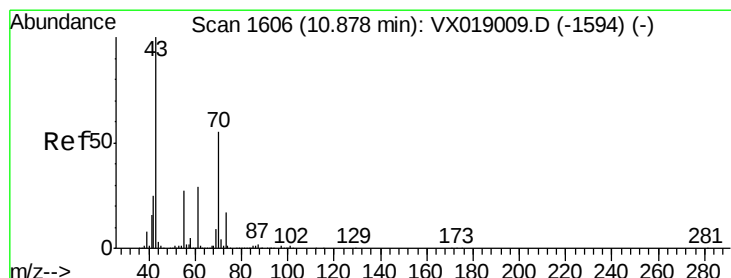
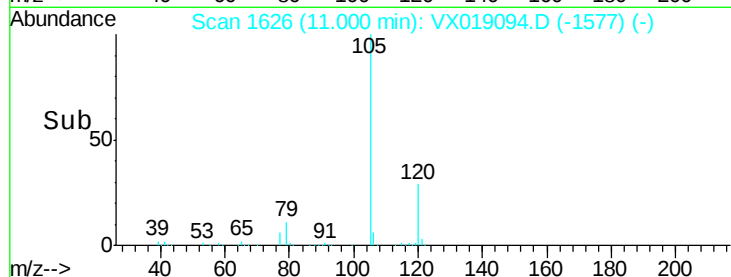
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.131 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion: 43 Resp: 70496

Ion Ratio Lower Upper

43 100

70 54.6 44.5 66.7

55 26.9 21.9 32.9

61 28.8 23.9 35.9

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

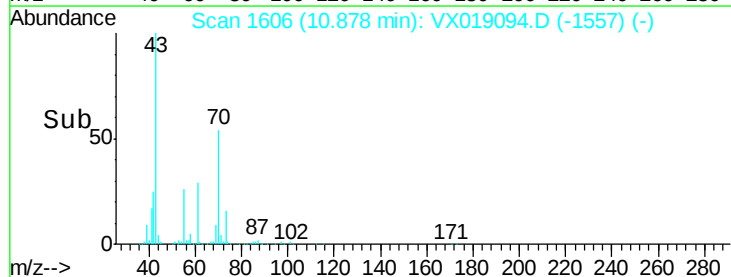
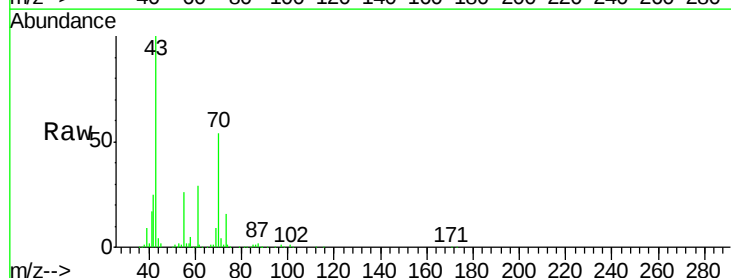
60000

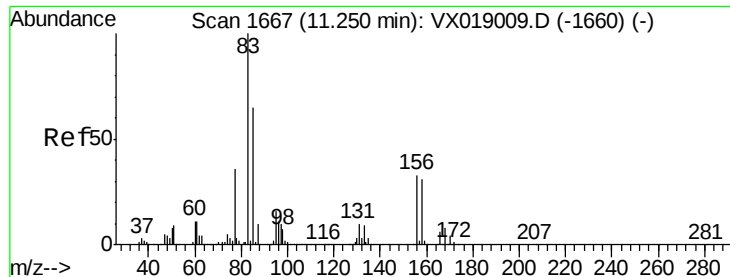
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.044 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

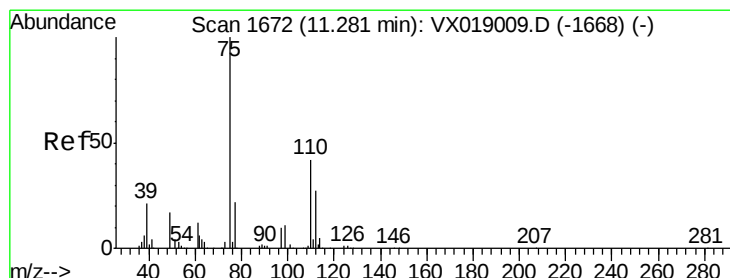
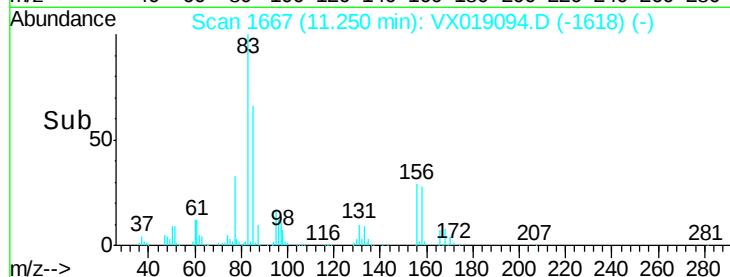
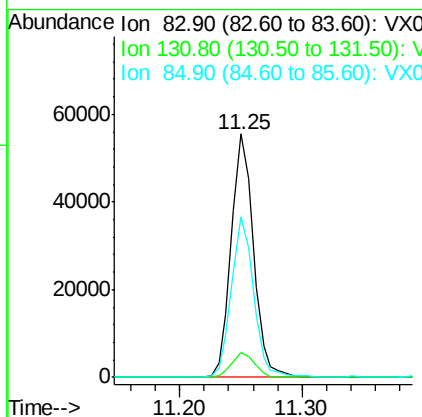
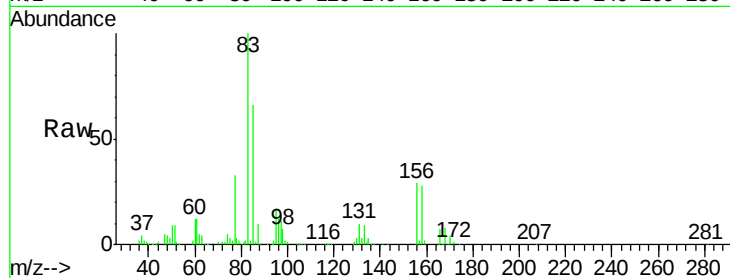
ClientSampleId :

VX1023WBS02

Tot Ion:	83	Resp:	69622
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	66.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.823 ug/l m

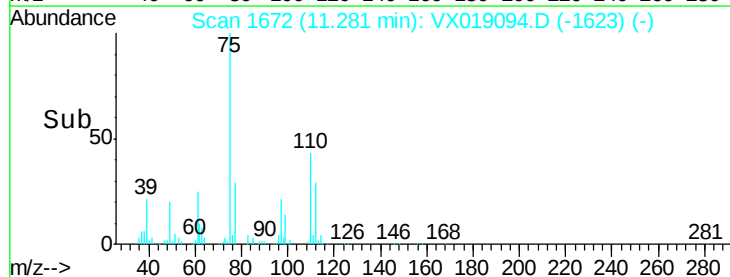
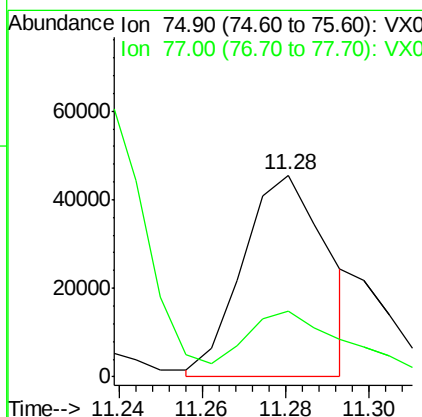
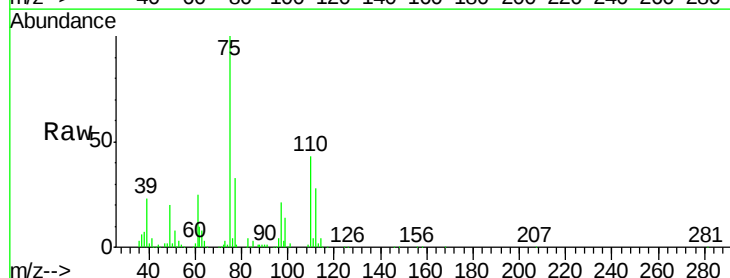
RT: 11.28 min Scan# 1672

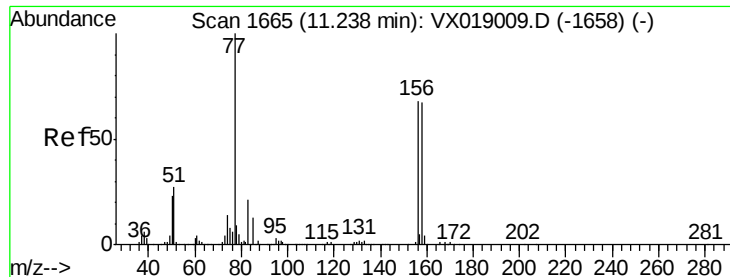
Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion:	75	Resp:	63465
Ion Ratio	Lower	Upper	
75	100		
77	39.3	20.7	62.1





#77

Bromobenzene

Concen: 17.802 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion:156 Resp: 54559

Ion Ratio Lower Upper

156 100

77 149.4 74.4 223.1

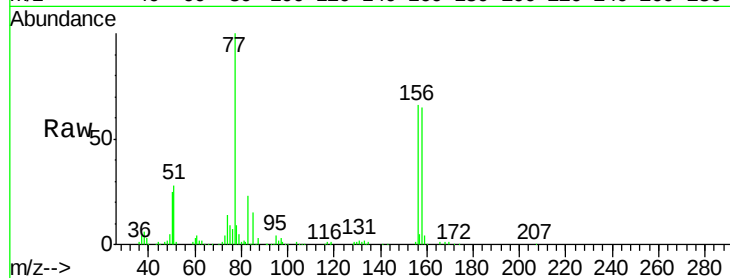
158 95.9 48.8 146.3

Manual Integrations

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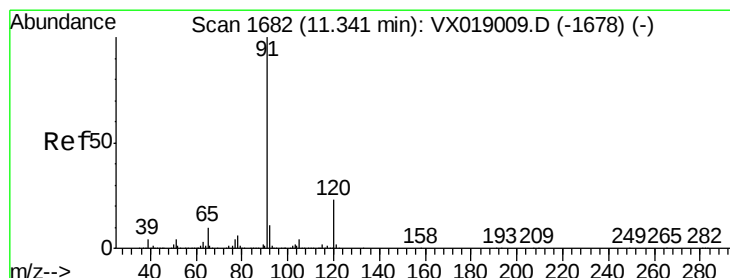
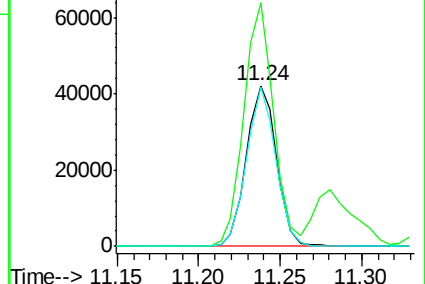
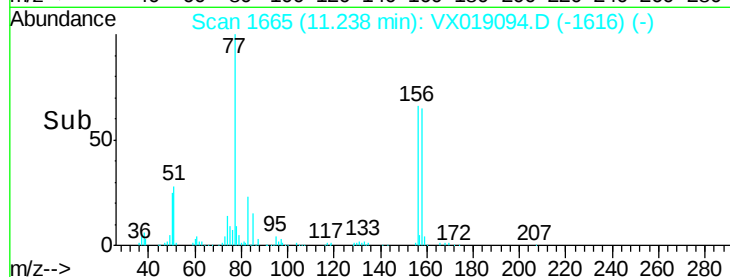
10/26/2020 10:02:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.208 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019094.D

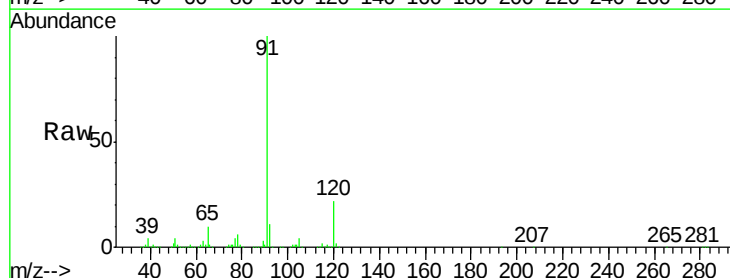
Acq: 23 Oct 2020 23:13

Tgt Ion: 91 Resp: 250375

Ion Ratio Lower Upper

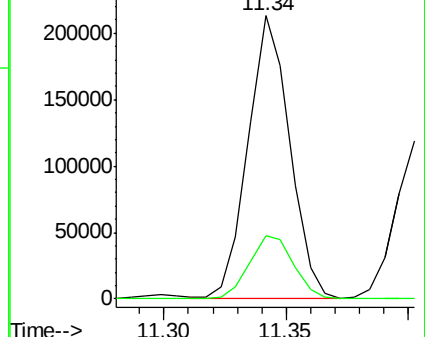
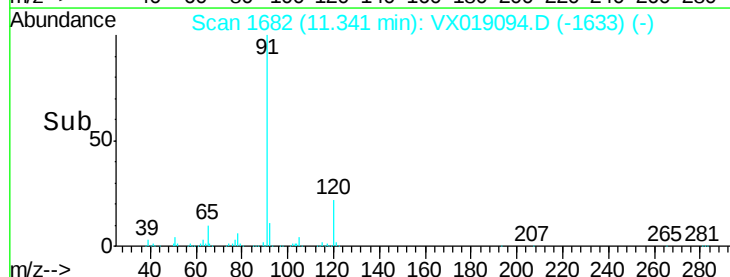
91 100

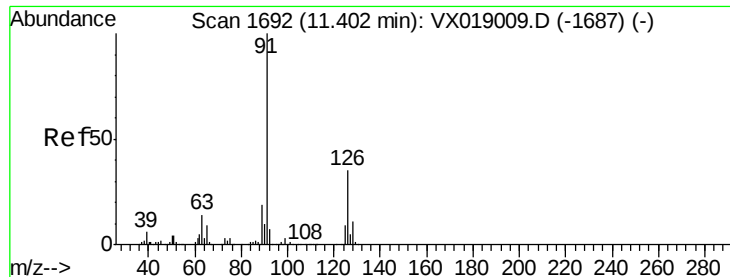
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.155 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS02

Tot Ion: 91 Resp: 145644

Ion Ratio Lower Upper

91 100

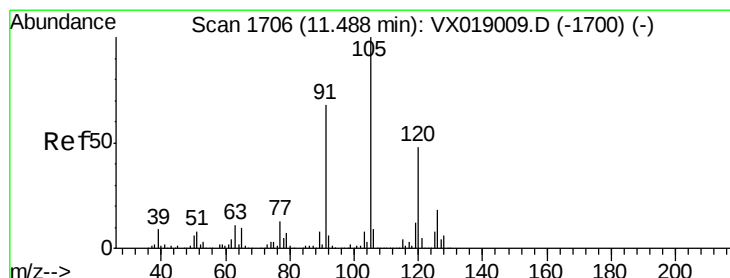
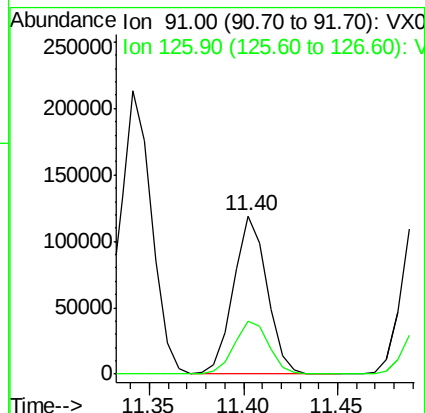
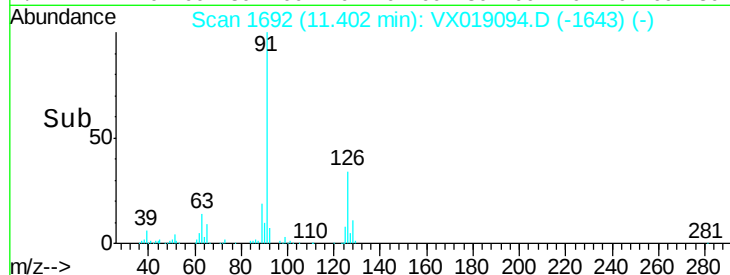
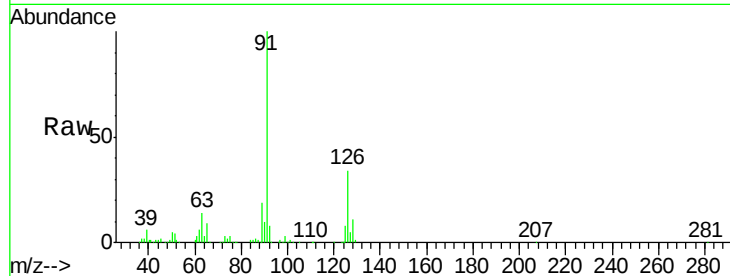
126 34.9 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.105 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019094.D

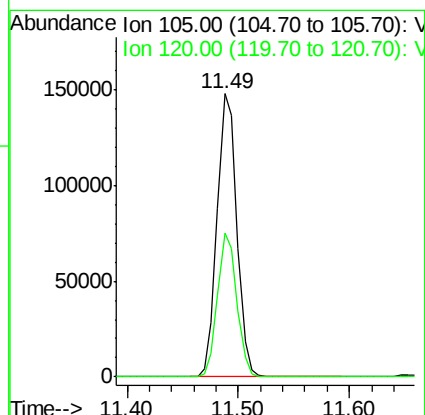
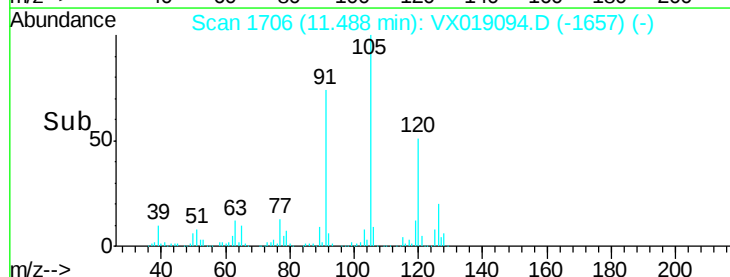
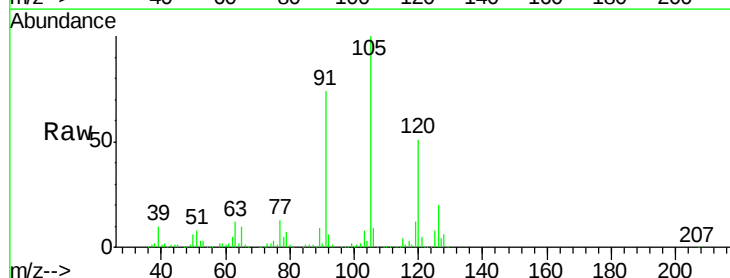
Acq: 23 Oct 2020 23:13

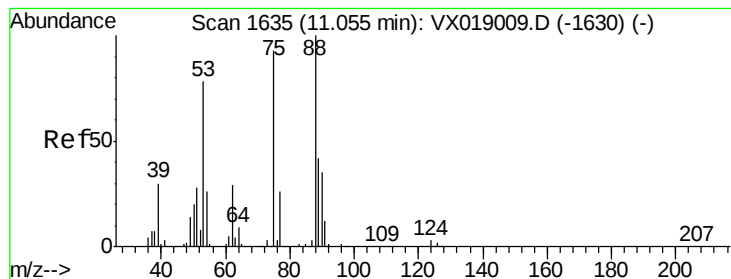
Tgt Ion: 105 Resp: 181431

Ion Ratio Lower Upper

105 100

120 49.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.675 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

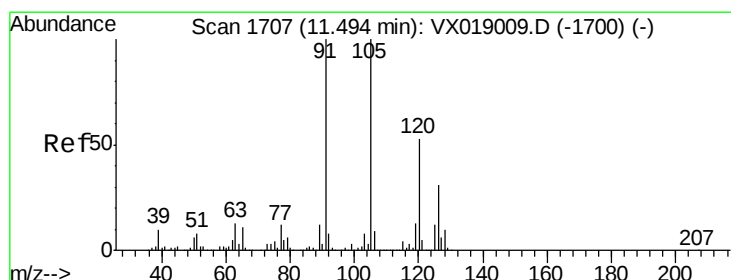
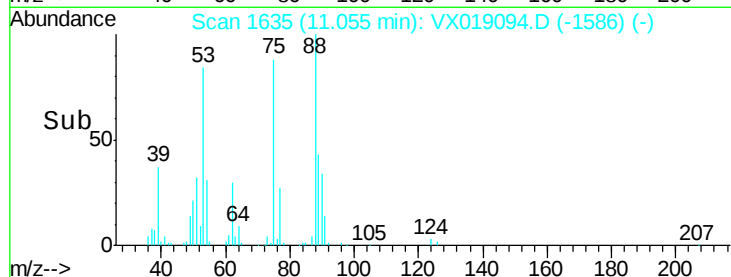
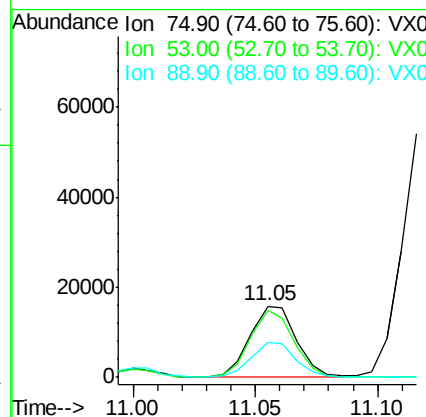
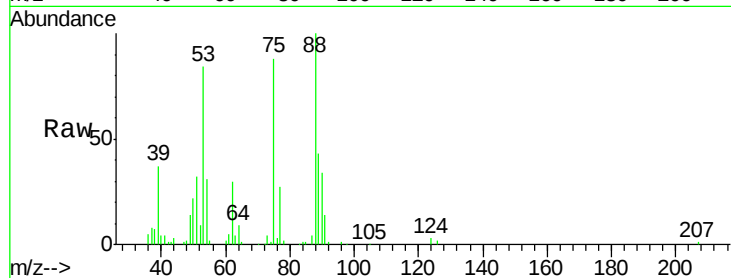
ClientSampleId :

VX1023WBS02

Tot Ion:	75	Resp:	20744
Ion	Ratio	Lower	Upper
75	100		
53	91.3	67.4	101.2
89	47.4	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.192 ug/l

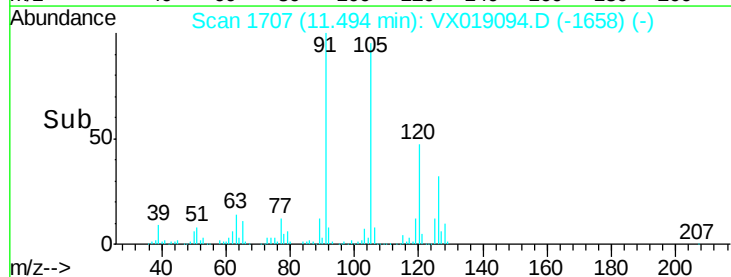
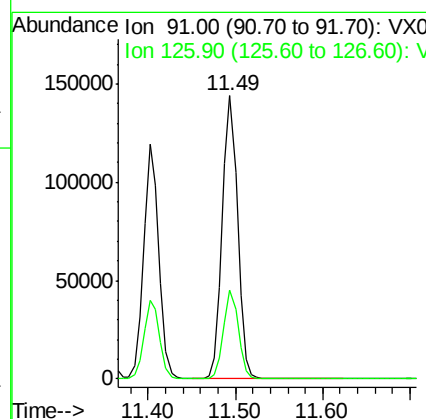
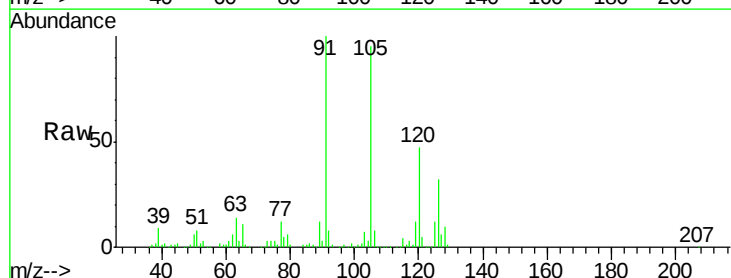
RT: 11.49 min Scan# 1707

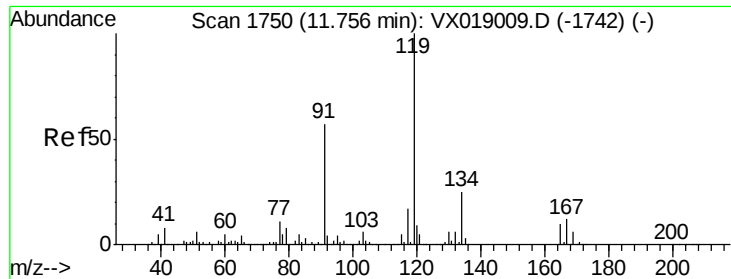
Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion:	91	Resp:	173648
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.7





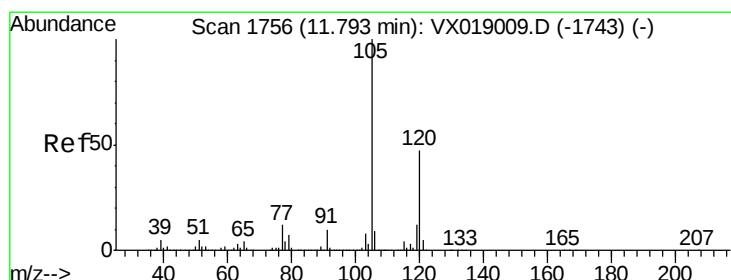
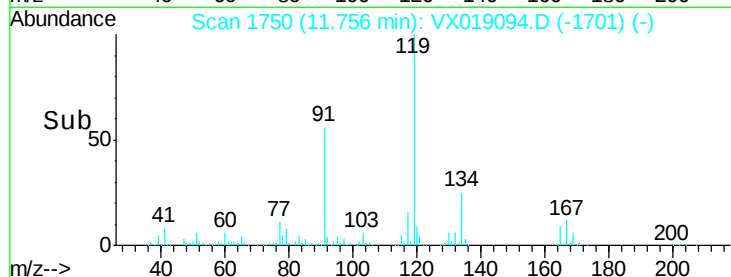
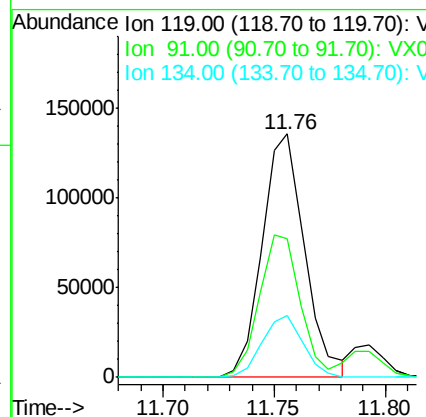
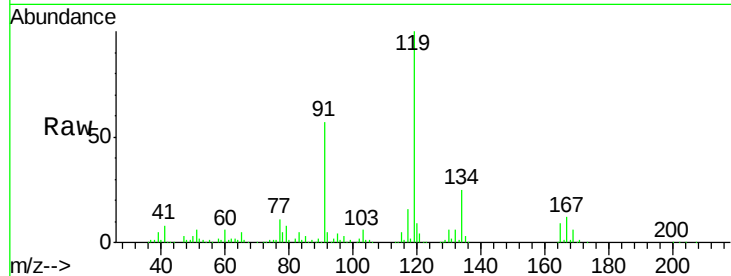
#83
 tert-Butylbenzene
 Concen: 18.248 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180145		
91	56.4	28.1	84.4	
134	24.4	11.8	35.3	

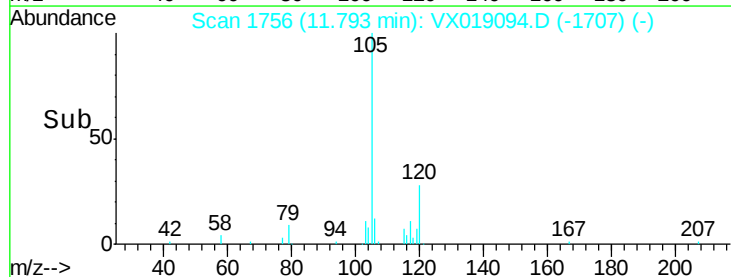
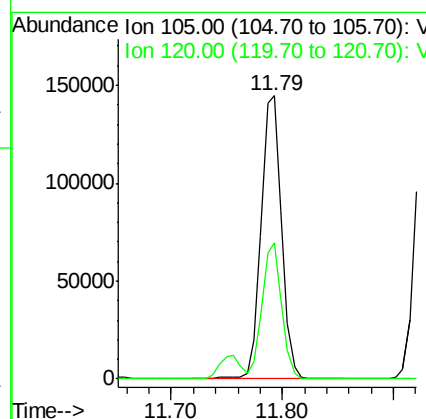
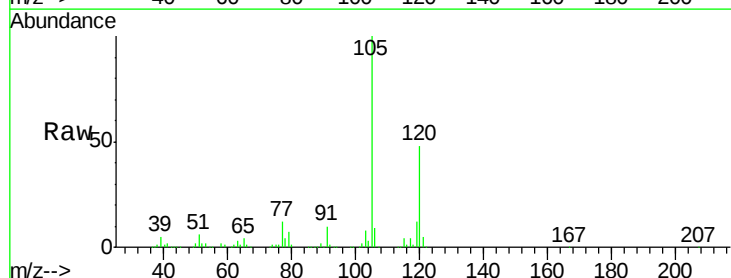
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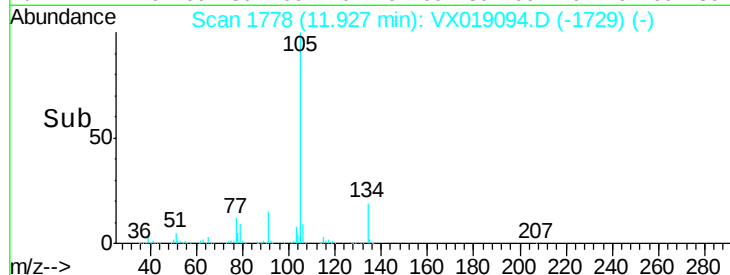
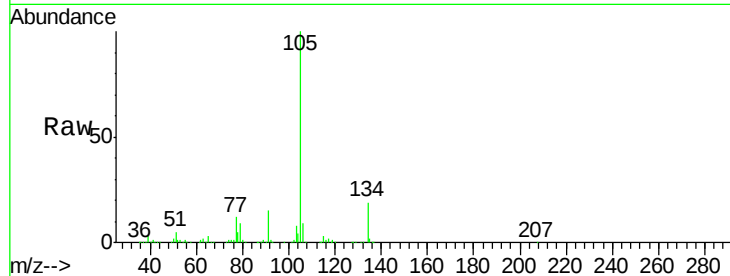
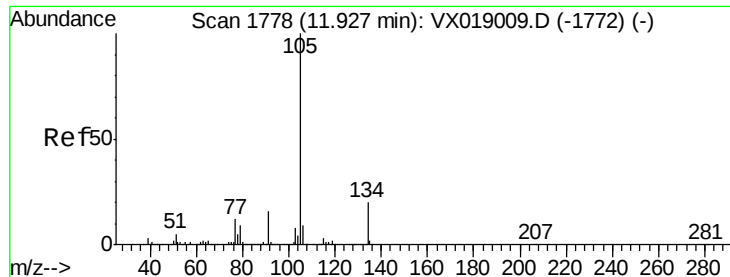
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.539 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186029		
120	45.8	22.9	68.8	





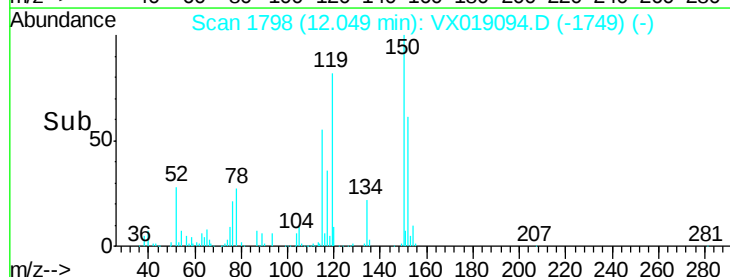
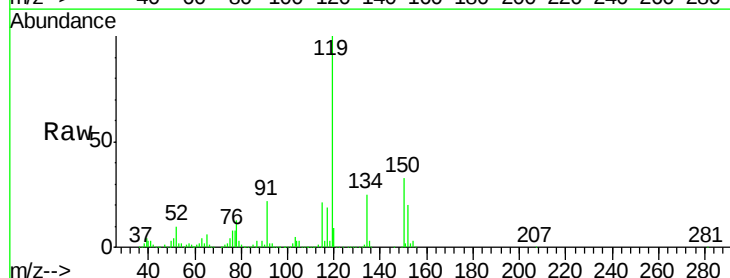
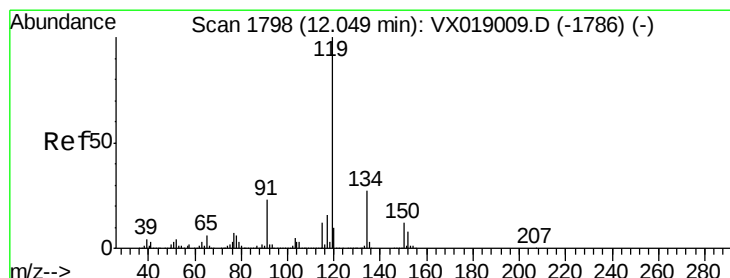
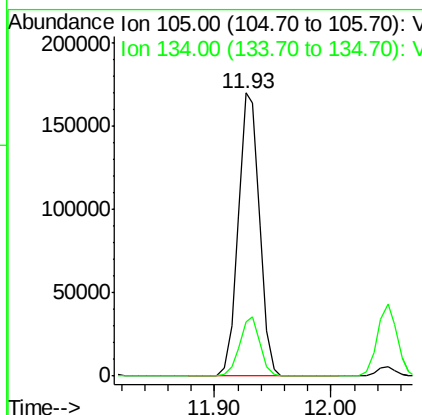
#85
 sec-Butylbenzene
 Concen: 18.070 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tot Ion	Ratio	Resp	Lower	Upper
105	100	215870		
134	20.3		10.4	31.1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

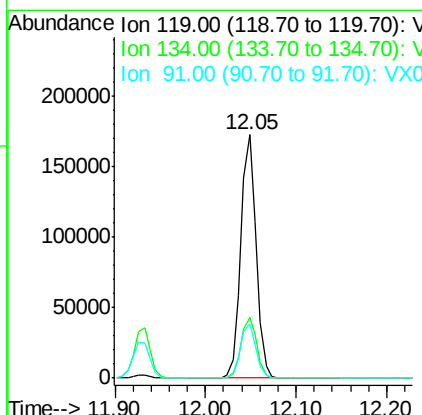
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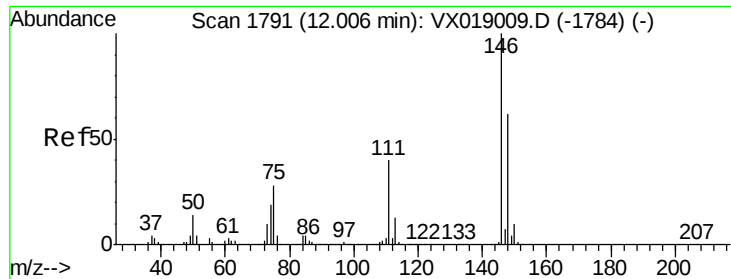
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#86
 p-Isopropyltoluene
 Concen: 18.430 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	201174		
134	25.5		13.3	39.8
91	22.9		11.4	34.2





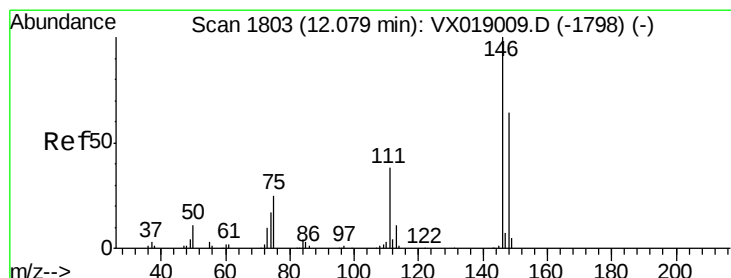
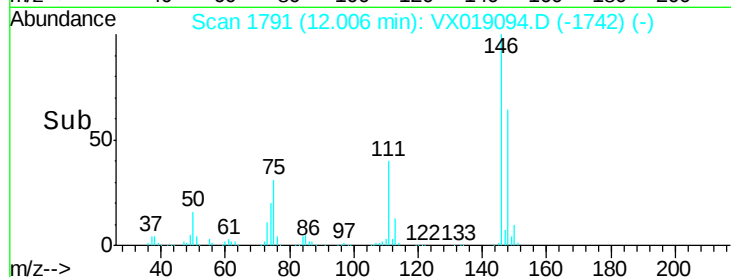
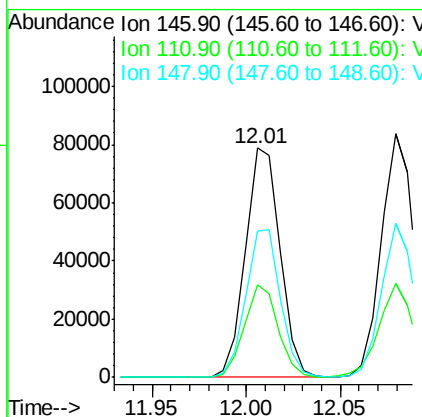
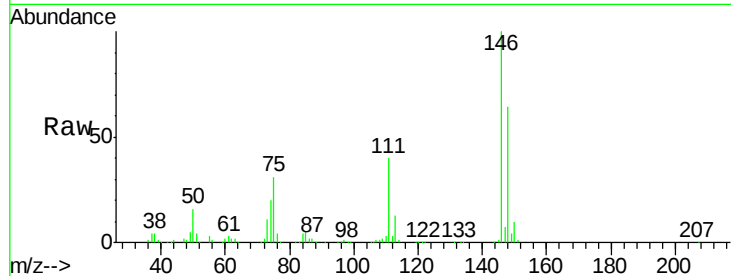
#87
 1,3-Dichlorobenzene
 Concen: 17.961 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	64.0	32.0	96.0

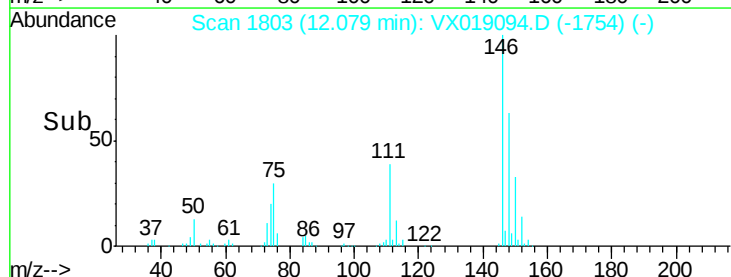
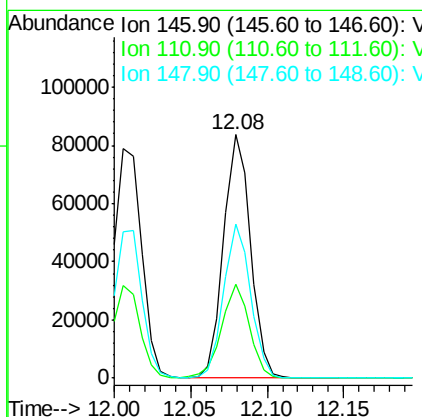
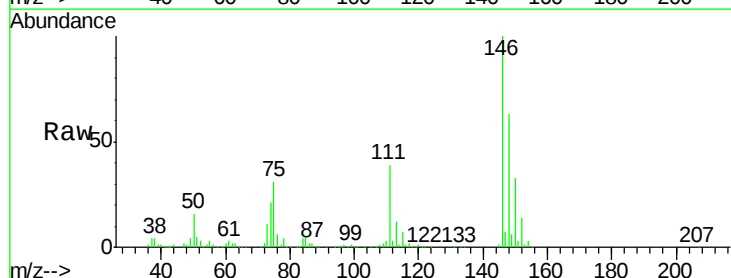
Manual Integrations
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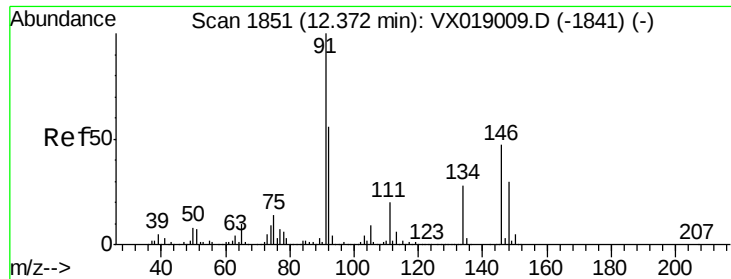
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 10/26/2020 10:02:42 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.716 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	63.7	32.2	96.6





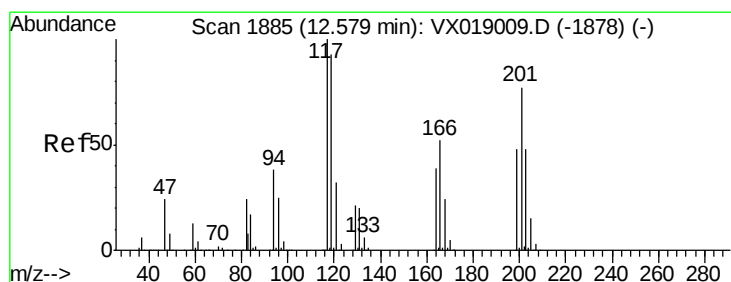
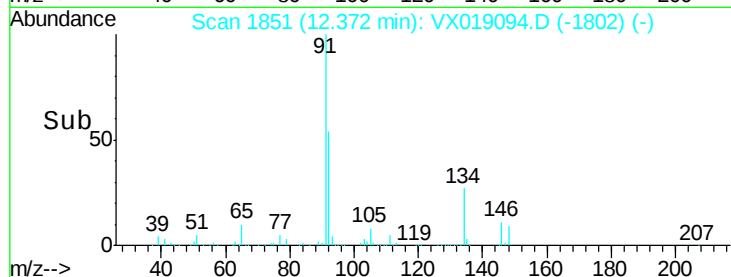
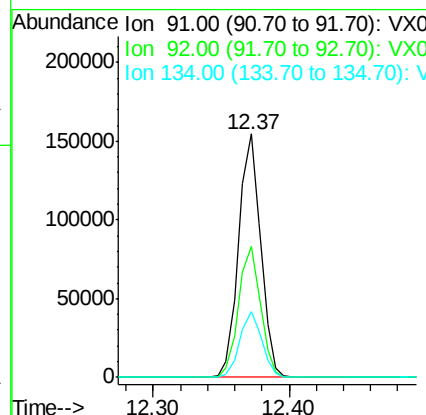
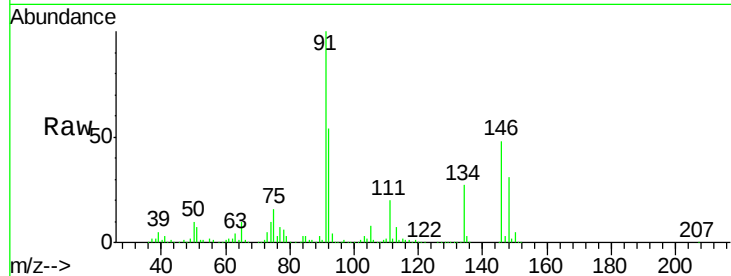
#89
n-Butylbenzene
Concen: 17.519 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.3	81.9
134	26.8	13.6	40.7

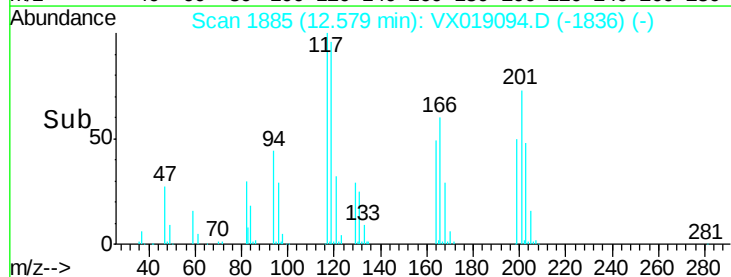
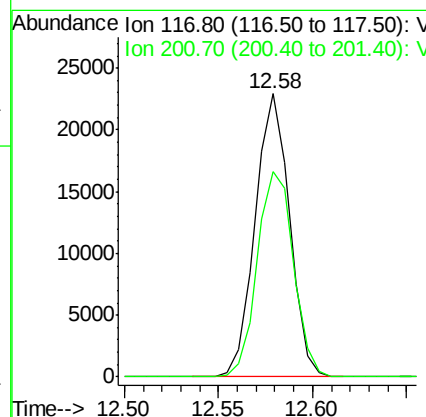
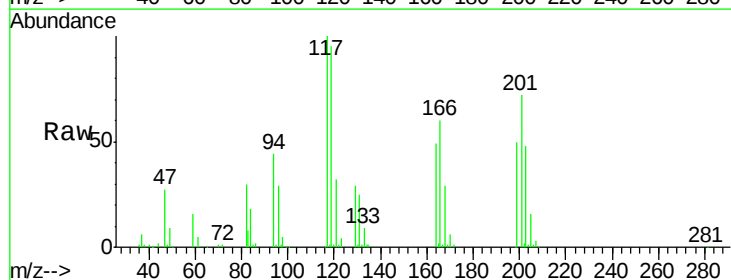
Manual Integrations
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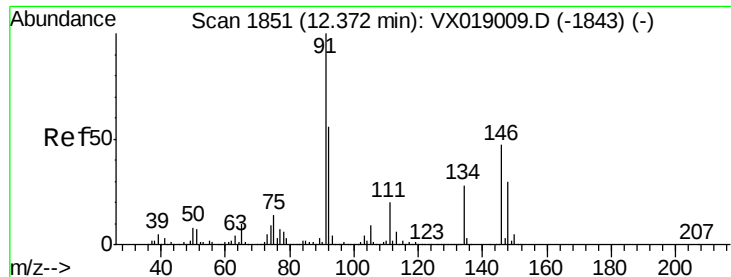
MMDadoda
10/26/2020 10:02:42 AM



#90
Hexachloroethane
Concen: 17.339 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019094.D
Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	37.1	111.3





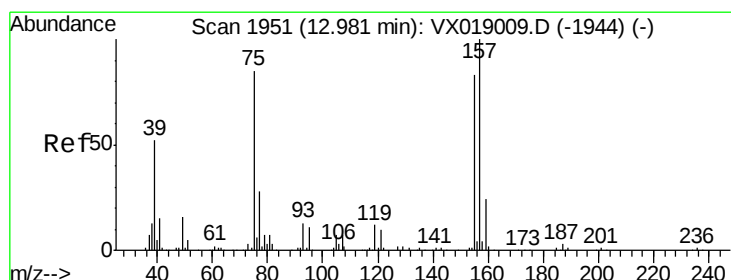
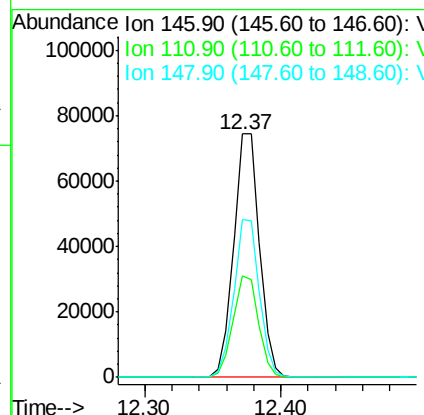
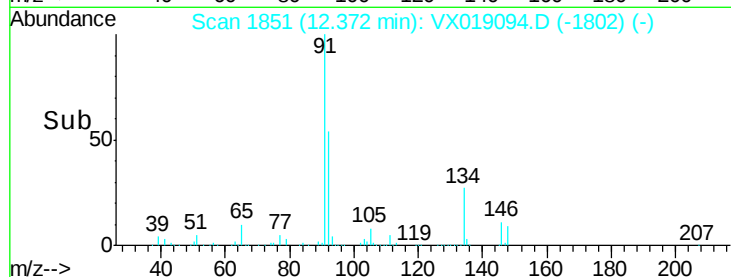
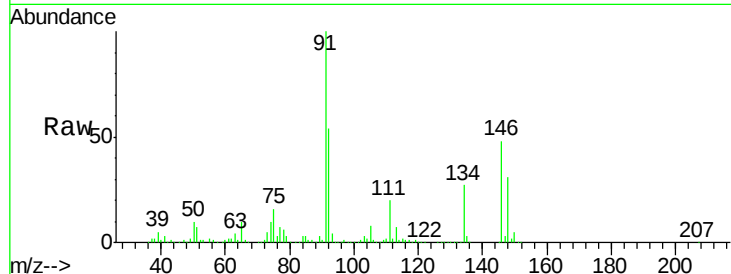
#91
 1,2-Dichlorobenzene
 Concen: 18.725 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.9	59.7
148	64.0	31.4	94.3

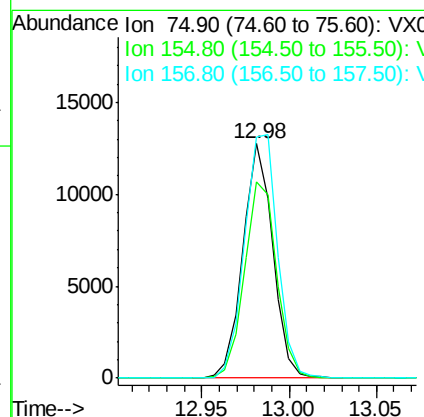
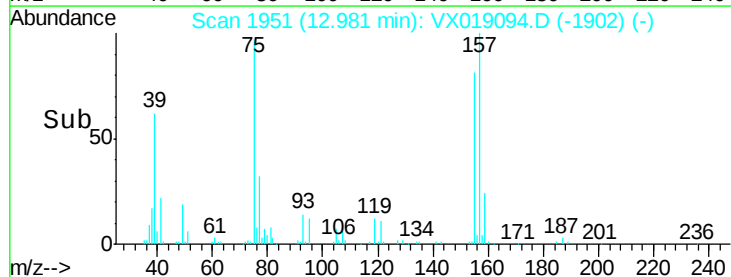
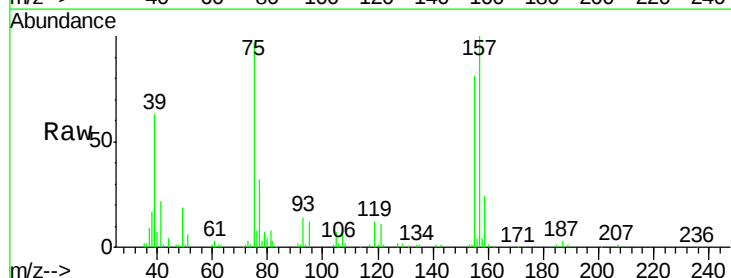
Manual Integrations
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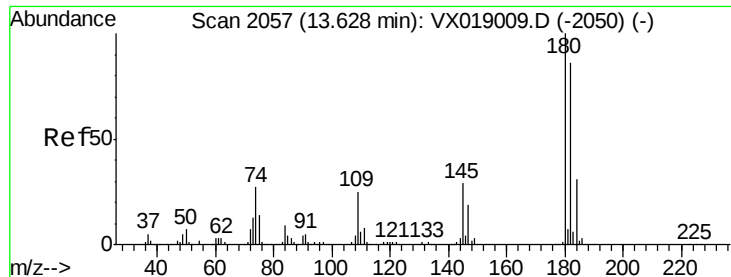
MMDadoda
 10/26/2020 10:02:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.162 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	47.3	142.0
157	114.8	59.7	179.0





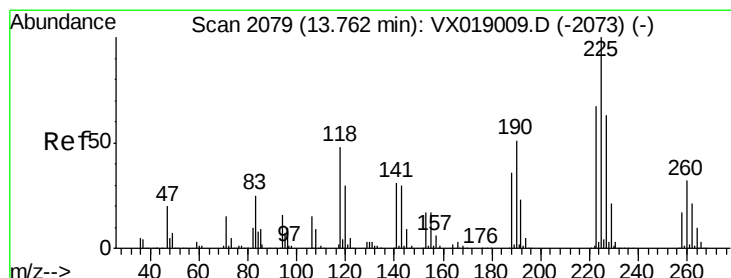
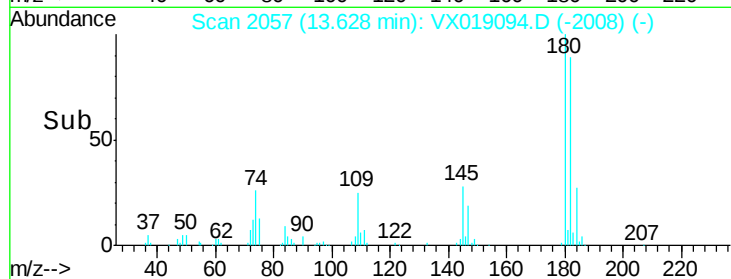
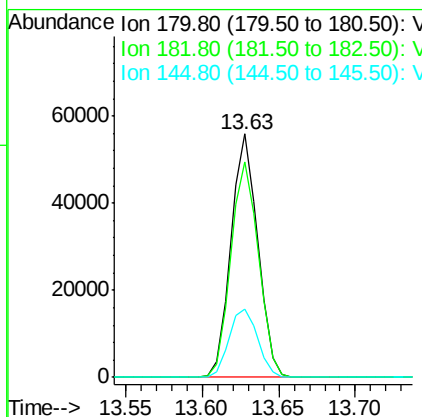
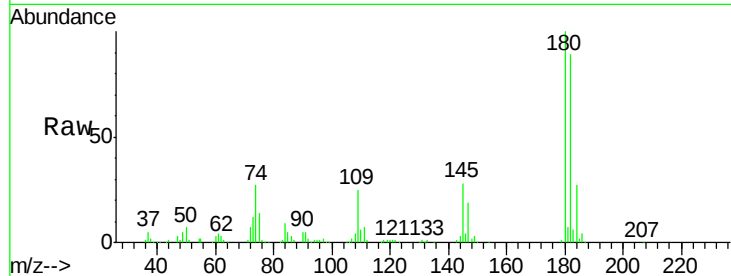
#93
 1,2,4-Trichlorobenzene
 Concen: 17.676 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67788		
182	91.5	46.4	139.2	
145	29.9	15.2	45.6	

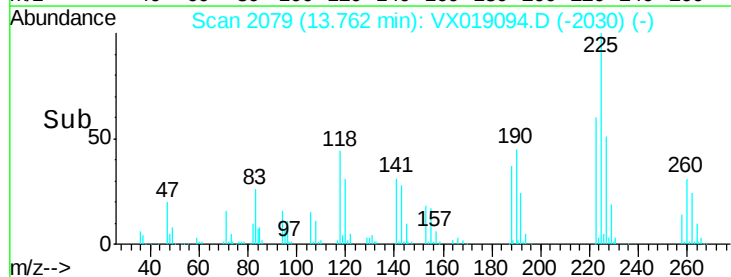
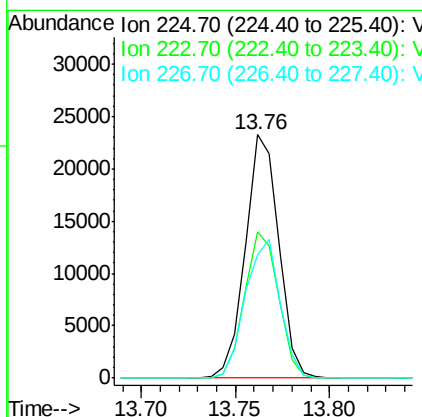
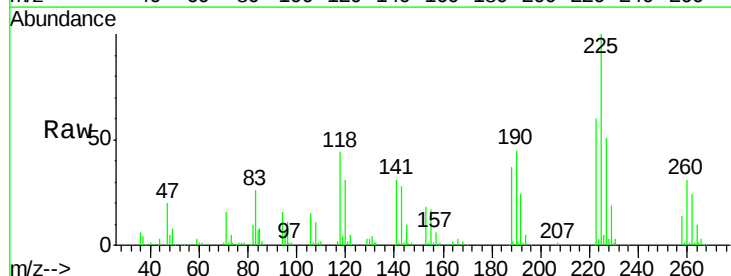
Manual Integrations
 APPROVED

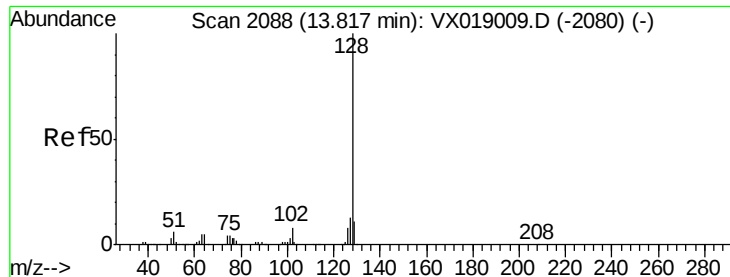
MMDadoda
 10/26/2020 10:02:42 AM



#94
 Hexachlorobutadiene
 Concen: 16.109 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019094.D
 Acq: 23 Oct 2020 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28640		
223	60.9	32.5	97.4	
227	59.3	31.9	95.7	





#95

Naphthalene

Concen: 18.467 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Instrument :

MSVOA_X

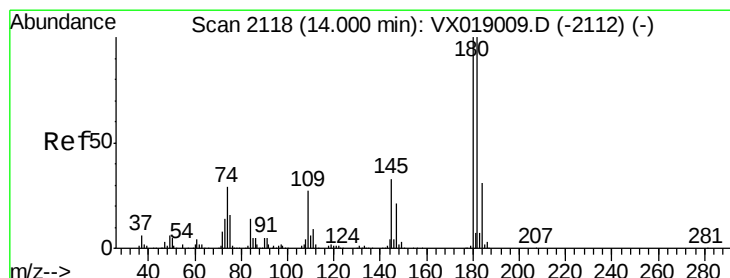
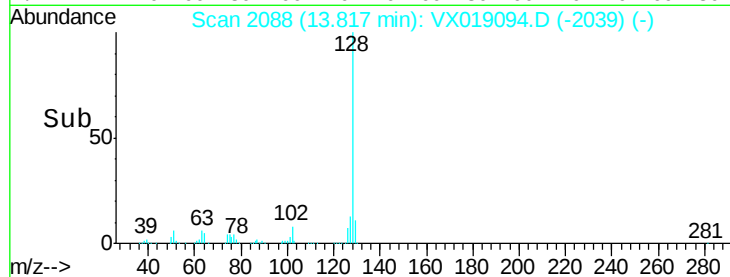
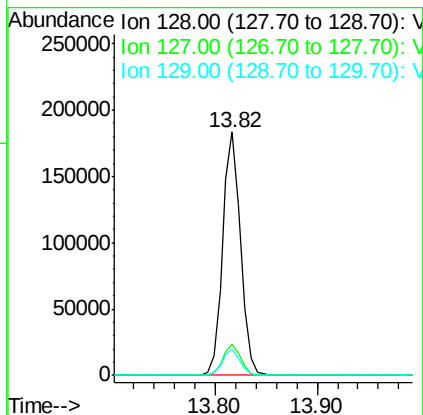
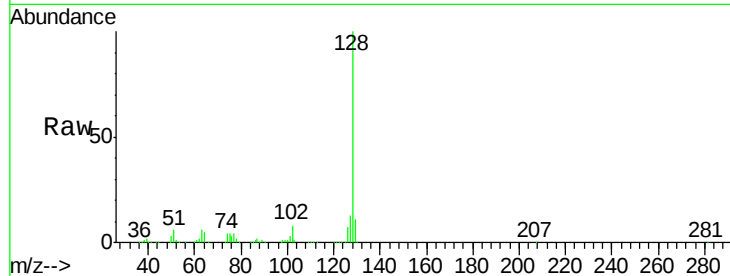
ClientSampleId :

VX1023WBS02

Tot Ion:	128	Resp:	222831
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 17.690 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019094.D

Acq: 23 Oct 2020 23:13

Tgt Ion:	180	Resp:	66033
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	142.0
145	32.3	15.9	47.6

