

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017303.D
 Acq On : 09 Jul 2020 13:21
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 ICSVX070920

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:36:41 PM

Quant Time: Jul 10 06:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	61808	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	318558	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	298714	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	130356	29.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.80%
60) 4-Bromofluorobenzene	11.12	95	149377	29.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.70%
63) Toluene-d8	8.70	98	386661	30.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	61279	22.680	ug/l 100
3) Chloromethane	1.31	50	66120	22.971	ug/l 99
4) Vinyl Chloride	1.39	62	66661	22.475	ug/l 98
5) Bromomethane	1.64	94	46650	23.598	ug/l 98
6) Chloroethane	1.71	64	42149	21.492	ug/l 100
7) Trichlorofluoromethane	1.92	101	119462	22.674	ug/l 99
8) Diethyl Ether	2.17	74	40826	21.842	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62959	21.854	ug/l 100
10) 1,1-Dichloroethene	2.35	96	59205	20.845	ug/l 97
11) Methyl Iodide	2.49	142	65697	19.644	ug/l 95
12) Methyl Acetate	2.75	43	82447	20.833	ug/l 98
13) Acrolein	2.27	56	50185	98.059	ug/l 99
14) Acrylonitrile	3.11	53	183667	102.859	ug/l 99
15) Acetone	2.42	58	44426	98.652	ug/l 95
16) Carbon Disulfide	2.55	76	173477	22.518	ug/l 98
17) Allyl chloride	2.71	41	113087	21.402	ug/l 97
18) Methylene Chloride	2.84	84	73984	21.149	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	71208	21.443	ug/l 91
20) Diisopropyl ether	3.82	45	229676	21.741	ug/l 92
21) 1,1-Dichloroethane	3.67	63	126830	21.419	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	80690	21.298	ug/l 97
23) tert-Butyl Alcohol	3.01	59	73093	99.202	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	230965	21.300	ug/l 99
25) Chloroform	5.17	83	135168	21.424	ug/l 95
26) Cyclohexane	5.54	56	105073	22.777	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	97991	22.307	ug/l 98
30) 2-Butanone	4.63	43	248778	103.536	ug/l 99
31) 2,2-Dichloropropane	4.54	77	121837	22.138	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	125781	21.992	ug/l 98
33) Carbon Tetrachloride	5.75	117	114283	21.669	ug/l 95
34) Benzene	6.11	78	282441	21.608	ug/l 98
35) Methacrylonitrile	5.00	41	56213	20.895	ug/l 93
36) 1,2-Dichloroethane	6.16	62	109914	21.351	ug/l 99
37) Trichloroethene	7.18	130	85120	21.651	ug/l 99
38) Methylcyclohexane	7.44	83	107972	23.324	ug/l 98
39) 1,2-Dichloropropane	7.49	63	73714	21.582	ug/l 96
40) Dibromomethane	7.63	93	51457	20.912	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	109318	21.288	ug/l	97
42) Vinyl Acetate	3.78	43	984702	107.237	ug/l	99
43) Ethyl Acetate	4.79	43	98136	20.764	ug/l	99
44) Isopropyl Acetate	6.41	43	163499	20.792	ug/l	99
45) 1,4-Dioxane	7.71	88	29679	395.949	ug/l	94
46) Methyl methacrylate	7.74	41	76545	19.982	ug/l	98
47) n-amyl Acetate	10.88	43	139008	19.964	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	117812	20.781	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	127029	21.413	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	74980	20.569	ug/l	99
51) Ethyl methacrylate	9.16	69	109216	20.564	ug/l	96
52) 1,3-Dichloropropane	9.35	76	125183	21.082	ug/l	99
53) Dibromochloromethane	9.56	129	90775	20.400	ug/l	97
54) 1,2-Dibromoethane	9.65	107	79402	20.371	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	249932	99.367	ug/l	99
56) Bromoform	10.84	173	68816	19.825	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	502236	106.110	ug/l	100
59) 2-Hexanone	9.47	43	377990	104.760	ug/l	99
61) Tetrachloroethene	9.32	164	85934	22.583	ug/l	98
62) Toluene	8.76	91	308459	21.813	ug/l	98
64) Chlorobenzene	10.12	112	203529	21.572	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	81609	21.170	ug/l	98
66) Ethyl Benzene	10.23	91	348104	21.874	ug/l	99
67) m/p-Xylenes	10.34	106	269985	43.915	ug/l	98
68) o-Xylene	10.68	106	125118	21.416	ug/l	98
69) Styrene	10.69	104	217207	20.964	ug/l	99
70) Isopropylbenzene	11.00	105	349490	21.808	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	106944	21.278	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	105830m	21.436	ug/l	
73) Bromobenzene	11.24	156	96592	21.453	ug/l	98
74) n-propylbenzene	11.34	91	403760	21.748	ug/l	98
75) 2-Chlorotoluene	11.40	91	245170	21.663	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	299369	21.774	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	39307	20.880	ug/l	93
78) 4-Chlorotoluene	11.49	91	288089	21.472	ug/l	100
79) tert-butylbenzene	11.76	119	290740	21.792	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	302487	21.807	ug/l	100
81) sec-Butylbenzene	11.93	105	338394	22.005	ug/l	100
82) p-Isopropyltoluene	12.05	119	322949	22.209	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	174440	21.528	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	177590	21.660	ug/l	97
85) n-Butylbenzene	12.37	91	273182	22.234	ug/l	99
86) Hexachloroethane	12.58	117	60426	21.480	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	164965	21.290	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	24589	20.193	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	113659	21.628	ug/l	96
90) Hexachlorobutadiene	13.77	225	47540	22.551	ug/l	98
91) Naphthalene	13.82	128	336466	20.883	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	110010	21.047	ug/l	98

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ICVVX070920

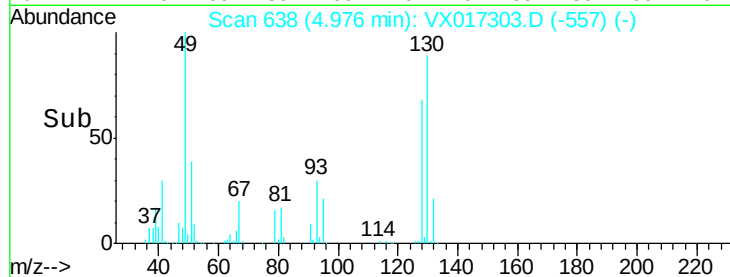
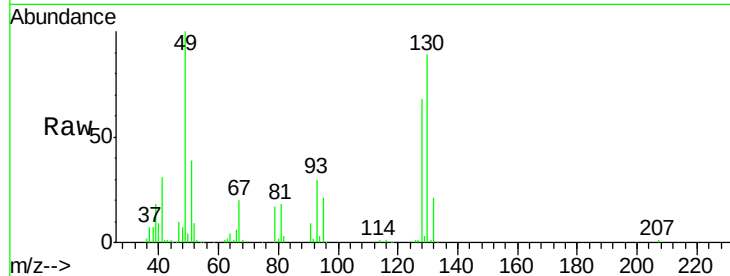
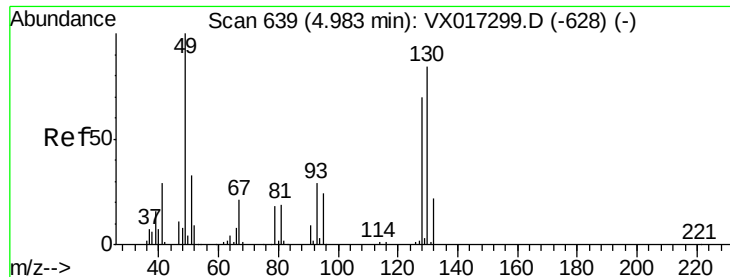
Manual Integrations
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QLast Update : Thu Jul 09 12:25:06 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017303.D

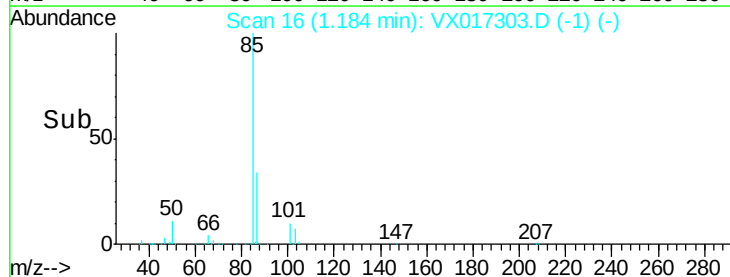
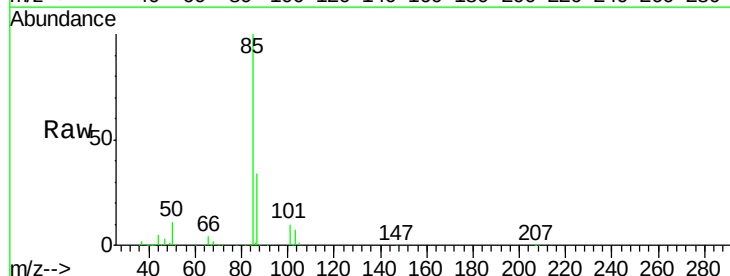
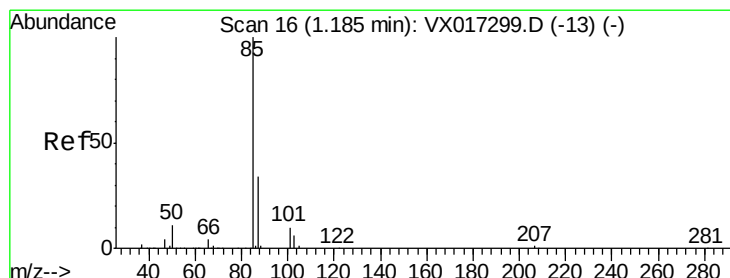
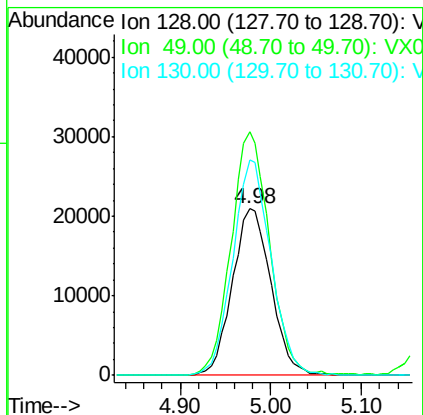
Acq: 09 Jul 2020 13:21

Tot Ion:	128	Resp:	61808
Ion	Ratio	Lower	Upper
128	100		
49	145.1	0.0	358.8
130	128.2	0.0	323.8

Instrument :
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Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 22.680 ug/l

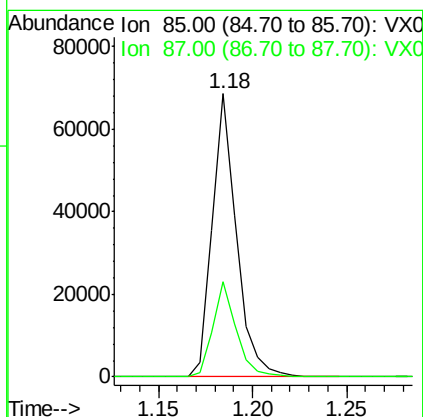
RT: 1.18 min Scan# 16

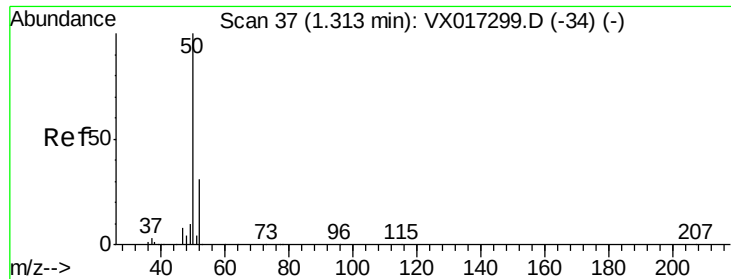
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion:	85	Resp:	61279
Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.9	50.6





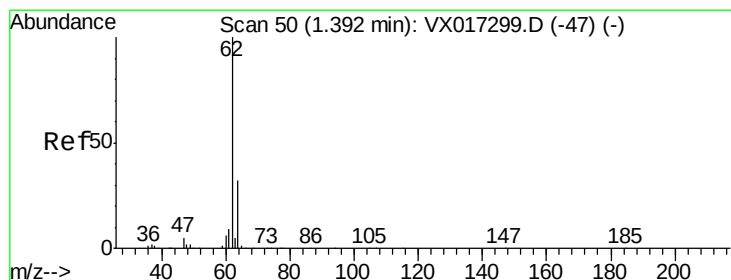
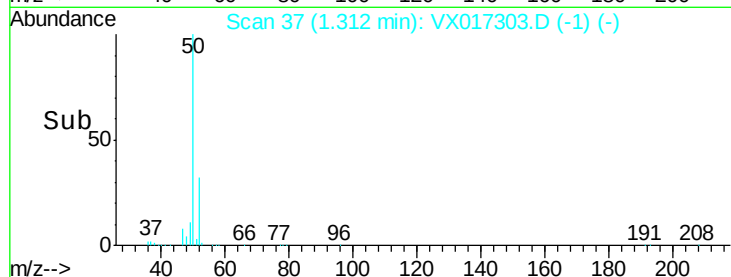
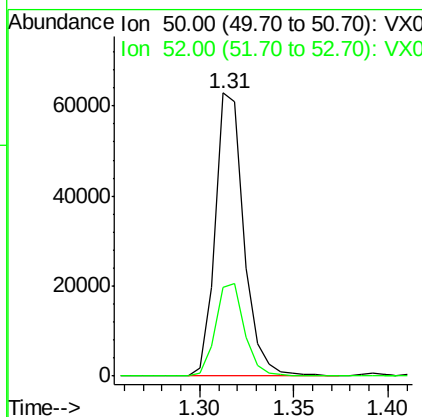
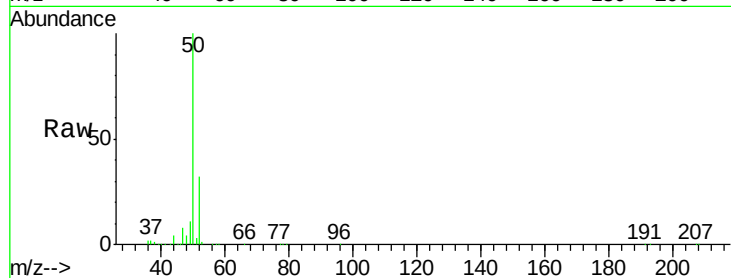
#3
Chloromethane
Concen: 22.971 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	50	Resp	66120
Ion Ratio	100	Lower	Upper
50	100		
52	31.5	24.8	37.2

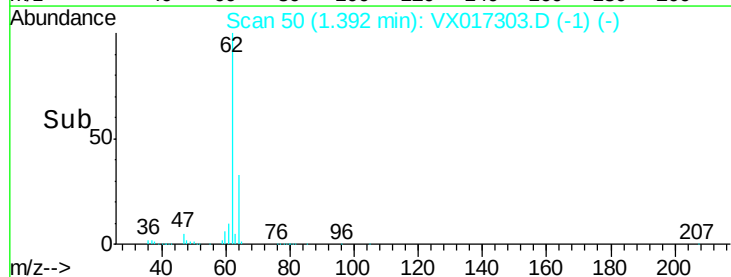
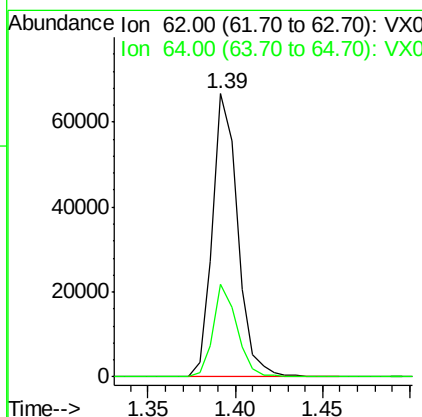
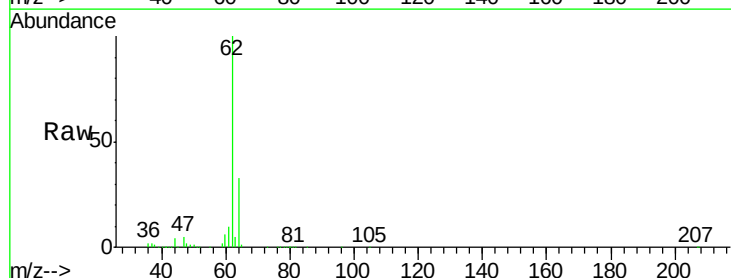
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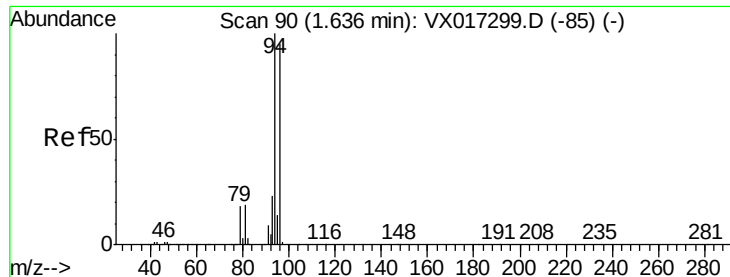
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#4
Vinyl Chloride
Concen: 22.475 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	62	Resp	66661
Ion Ratio	100	Lower	Upper
62	100		
64	32.6	25.3	37.9





#5

Bromomethane

Concen: 23.598 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion: 94 Resp: 46650

Ion Ratio Lower Upper

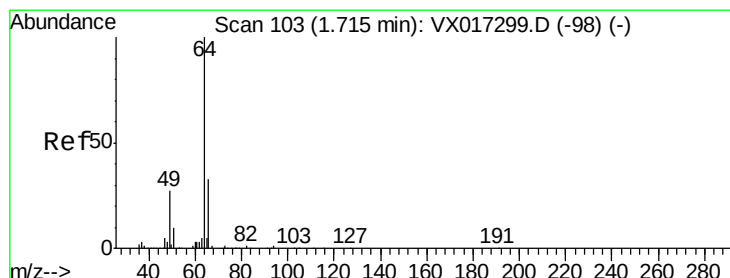
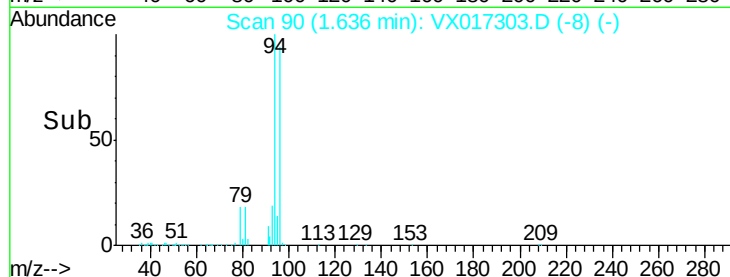
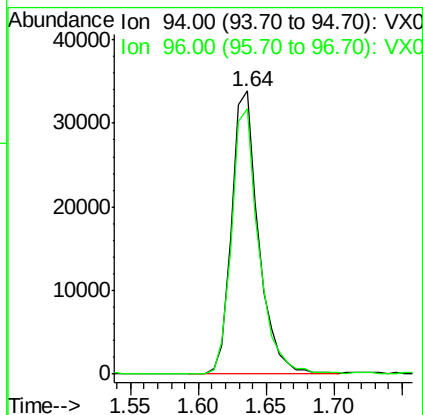
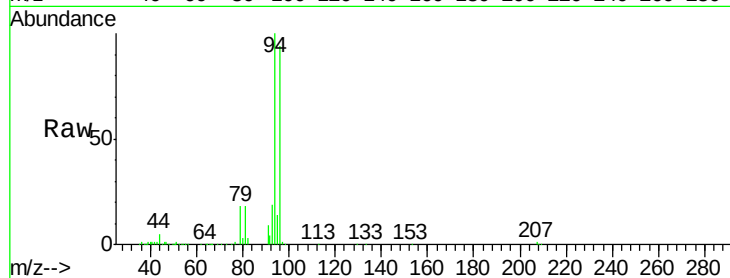
94 100

96 93.1 75.7 113.5

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#6

Chloroethane

Concen: 21.492 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017303.D

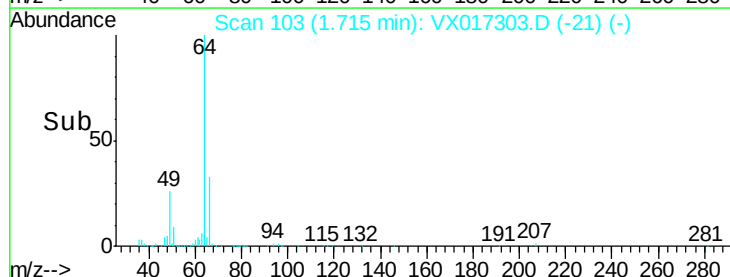
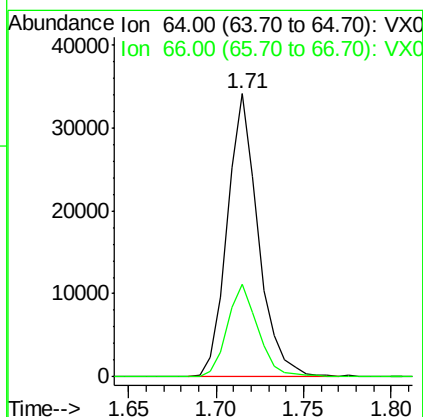
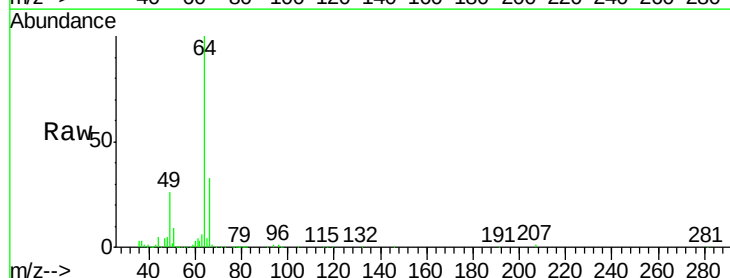
Acq: 09 Jul 2020 13:21

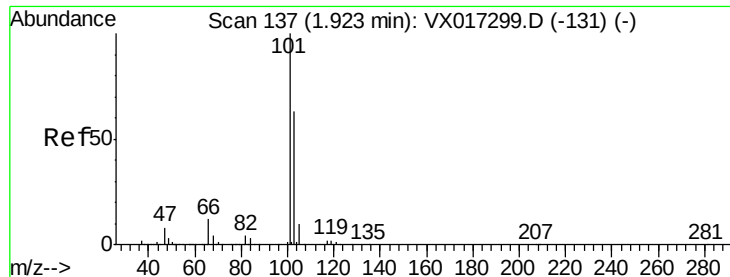
Tgt Ion: 64 Resp: 42149

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1





#7

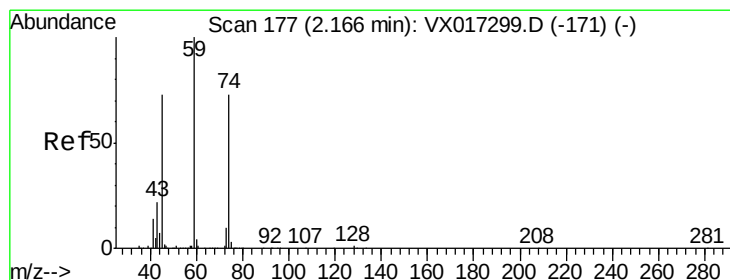
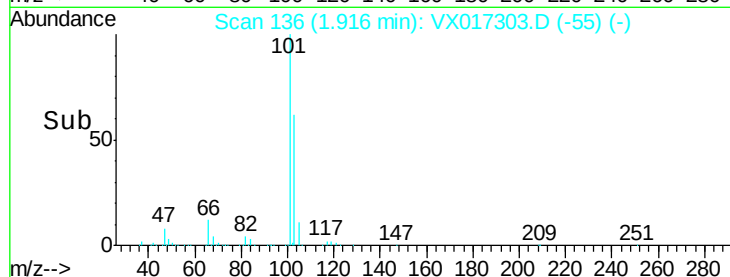
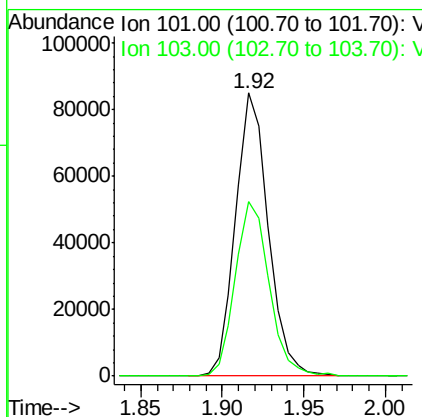
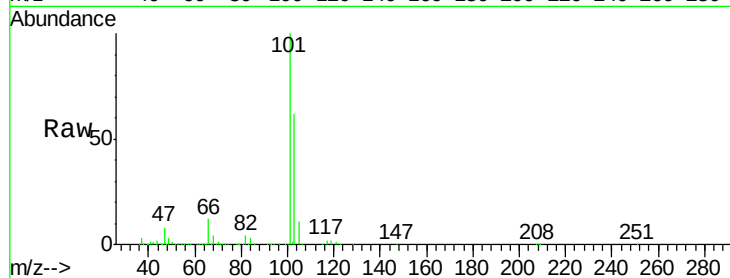
Trichlorofluoromethane
Concen: 22.674 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	50.1	75.1

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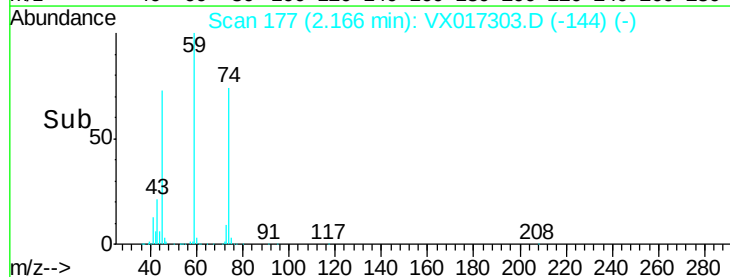
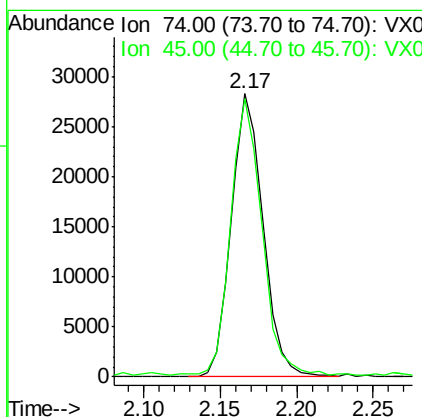
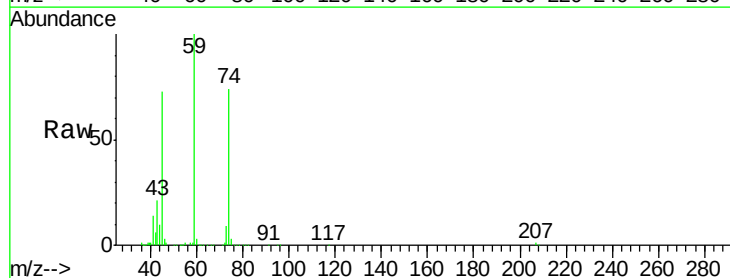
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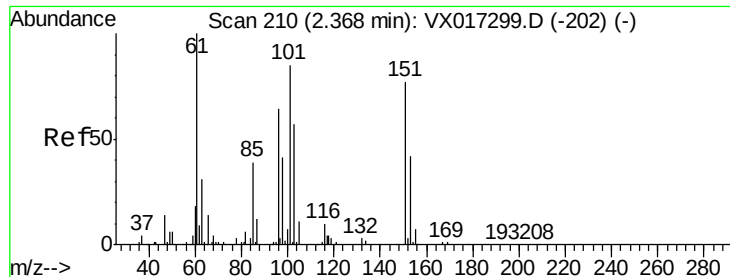


#8

Diethyl Ether
Concen: 21.842 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	18.9	170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.854 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

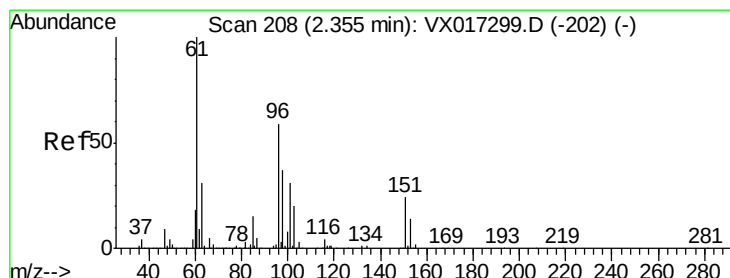
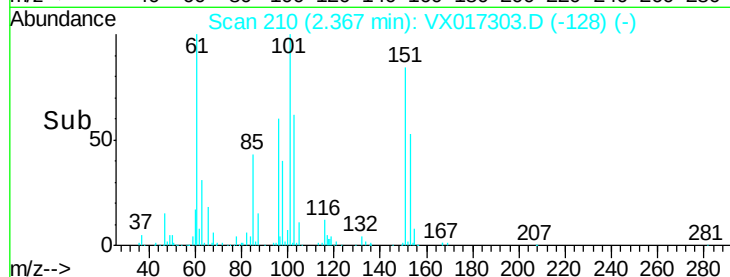
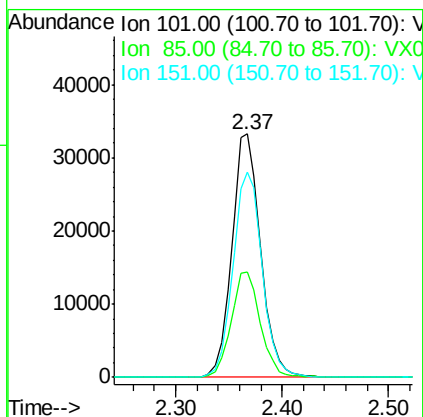
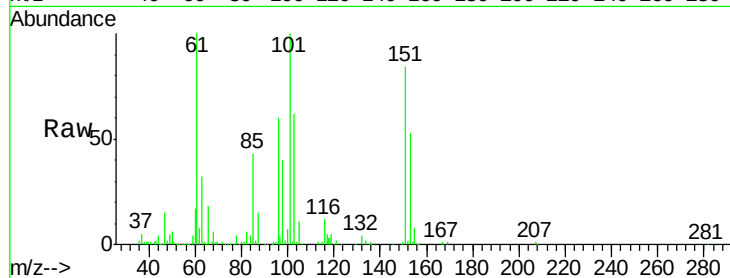
ClientSampleId :

ICVVX070920

Tot Ion:	101	Resp:	62959
Ion Ratio	Lower	Upper	
101	100		
85	44.0	0.0	87.8
151	85.7	0.0	170.2

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#10

1,1-Dichloroethene

Concen: 20.845 ug/l

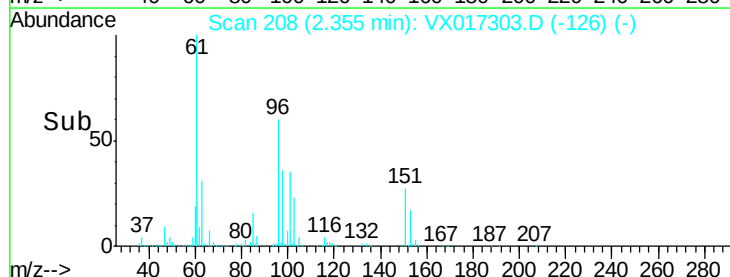
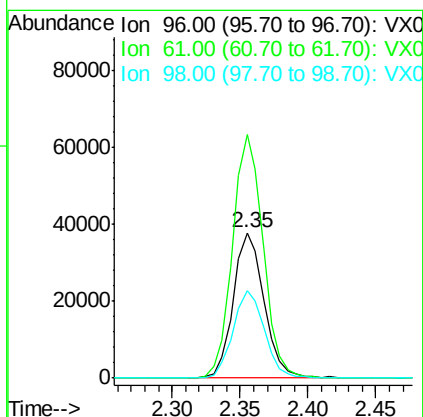
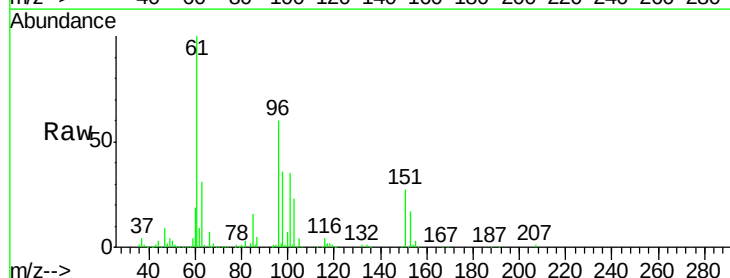
RT: 2.35 min Scan# 208

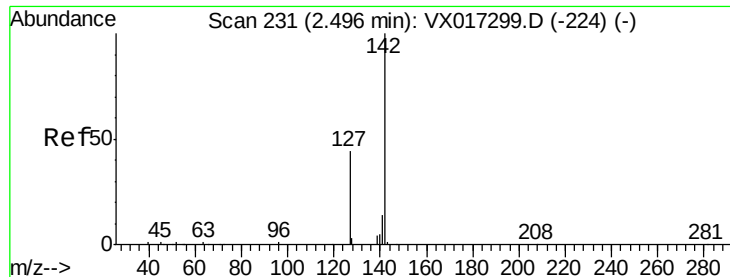
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion:	96	Resp:	59205
Ion Ratio	Lower	Upper	
96	100		
61	167.6	137.0	205.4
98	59.9	51.1	76.7





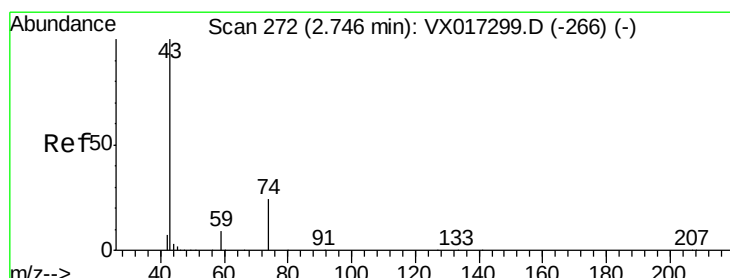
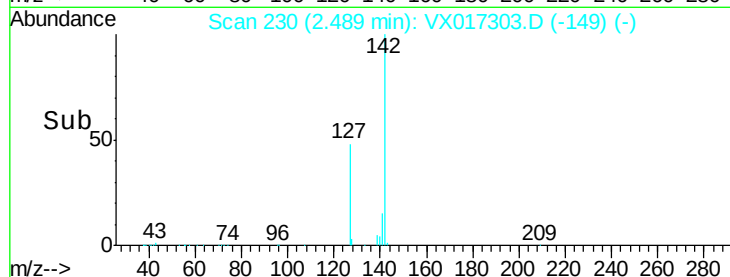
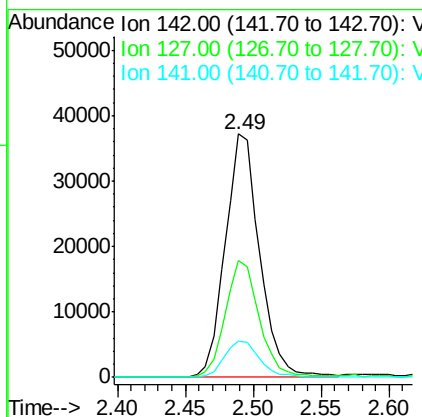
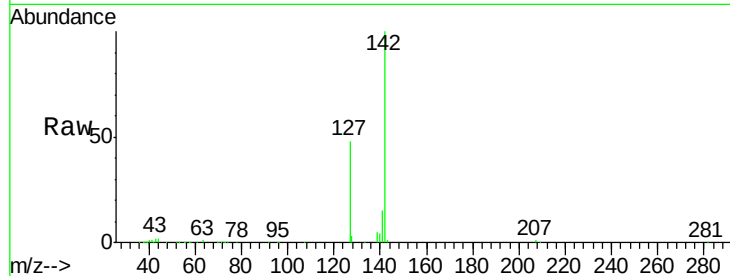
#11
Methvl Iodide
Concen: 19.644 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.6	21.9	65.7
141	15.1	7.0	21.1

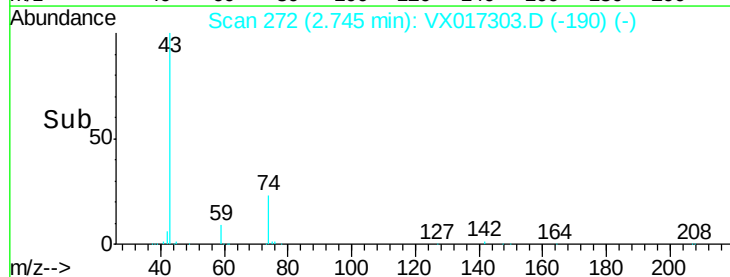
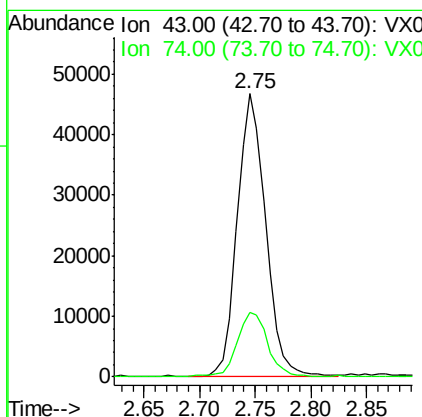
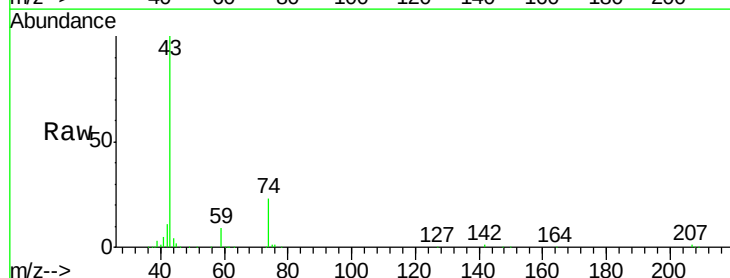
Manual Integrations
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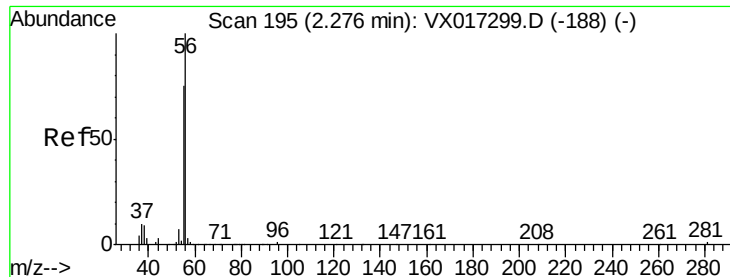
MMDadoda
7/10/2020 12:36:41 PM



#12
Methyl Acetate
Concen: 20.833 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.8	28.2





#13

Acrolein

Concen: 98.059 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion: 56 Resp: 50185

Ion Ratio Lower Upper

56 100

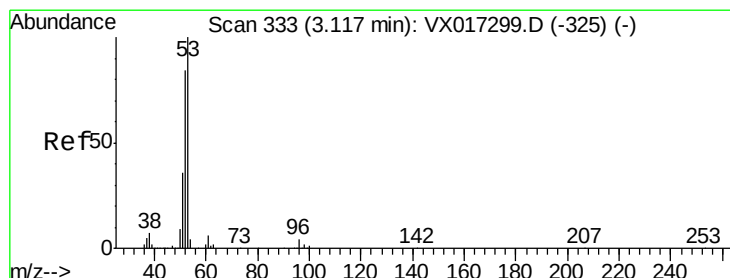
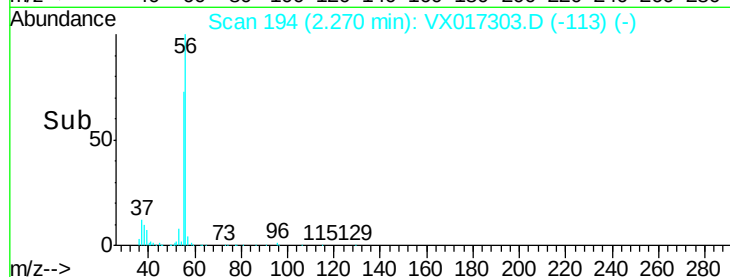
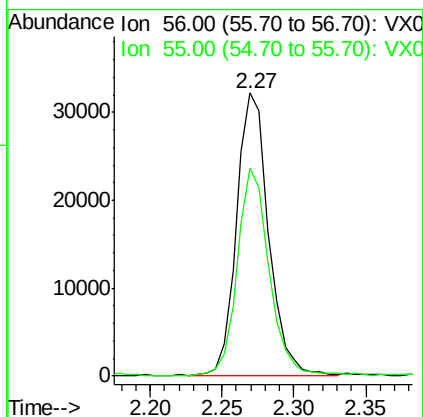
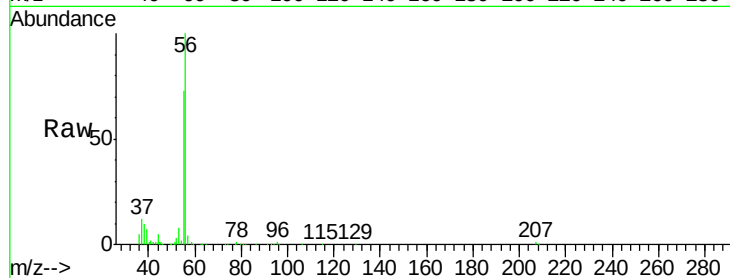
55 72.4 58.5 87.7

Manual Integrations

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#14

Acrylonitrile

Concen: 102.859 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

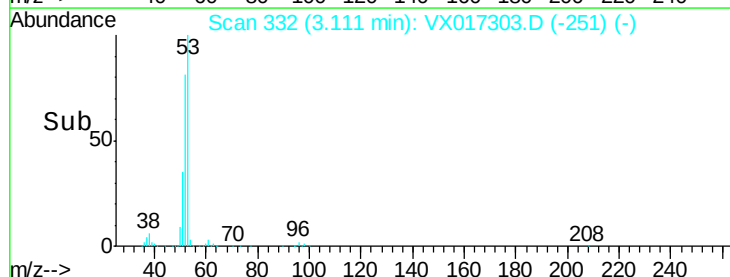
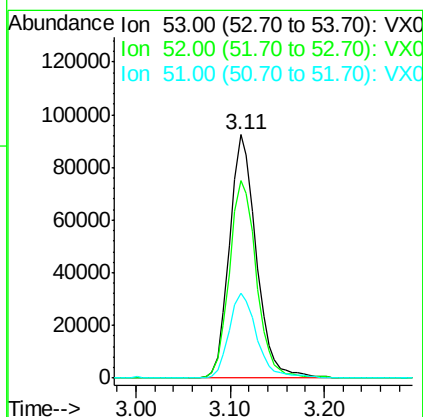
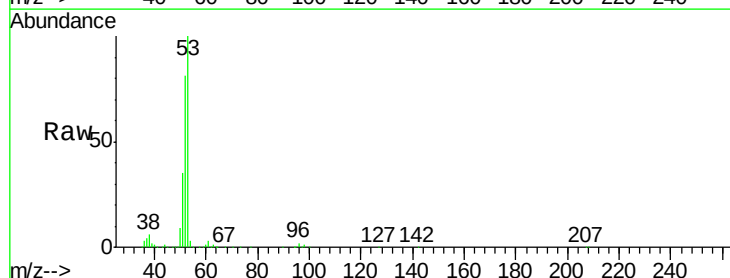
Tgt Ion: 53 Resp: 183667

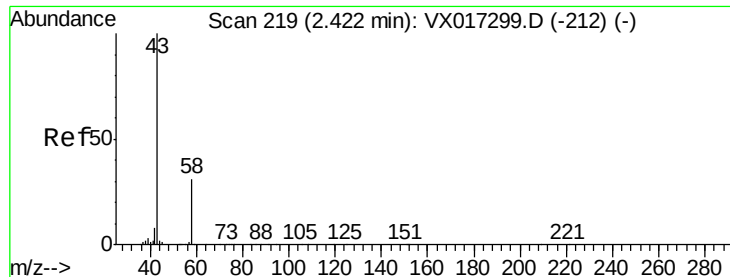
Ion Ratio Lower Upper

53 100

52 81.5 41.3 123.9

51 36.5 18.1 54.1





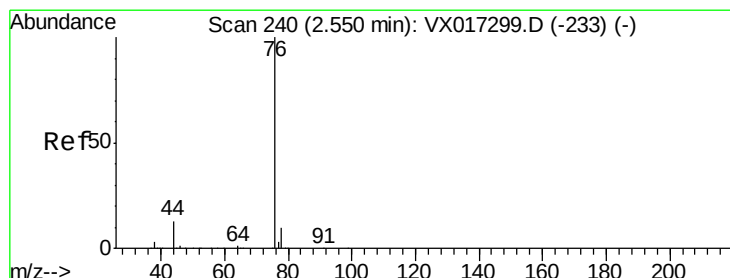
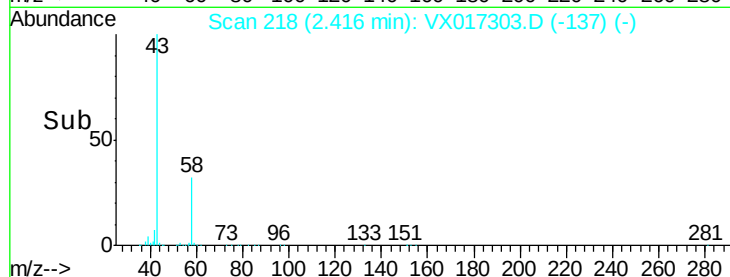
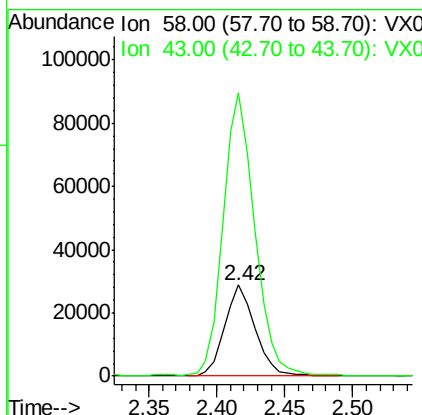
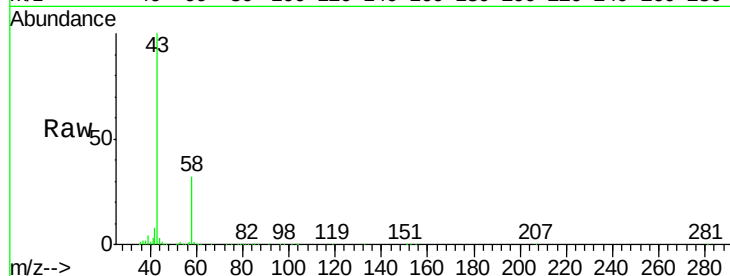
#15
Acetone
Concen: 98.652 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampled :
ICVVX070920

Tot Ion: 58 Resp: 44426
Ion Ratio Lower Upper
58 100
43 308.9 255.0 382.4

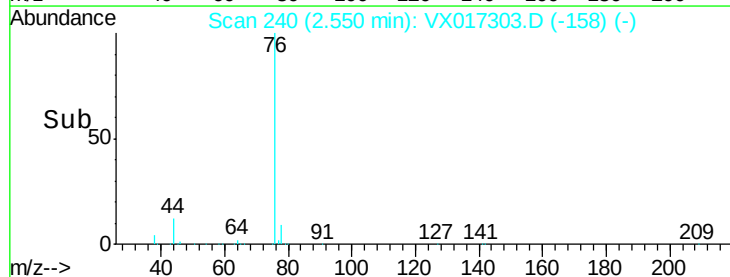
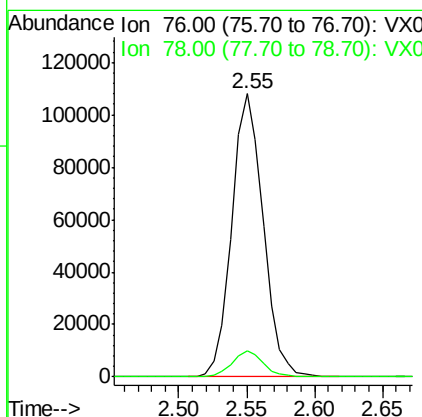
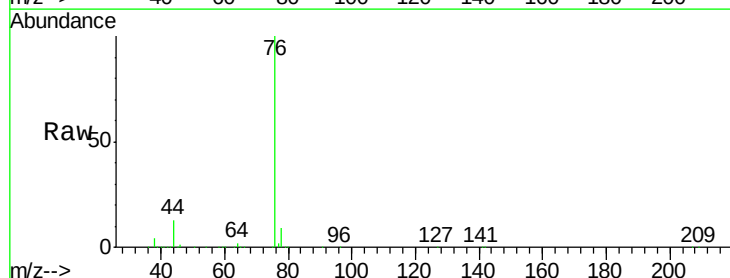
Manual Integrations
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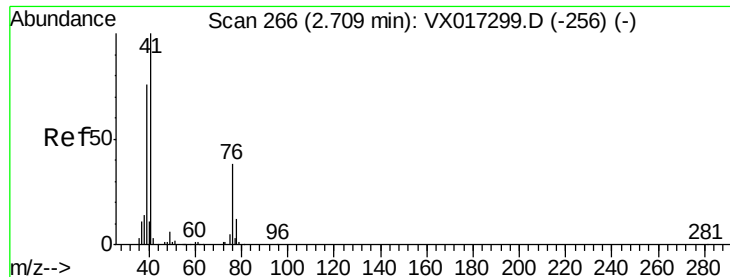
MMDadoda
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#16
Carbon Disulfide
Concen: 22.518 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion: 76 Resp: 173477
Ion Ratio Lower Upper
76 100
78 9.1 7.9 11.9





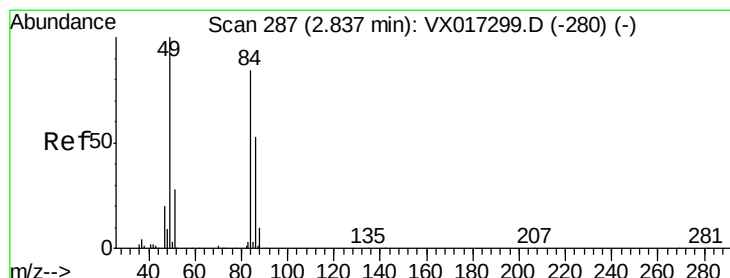
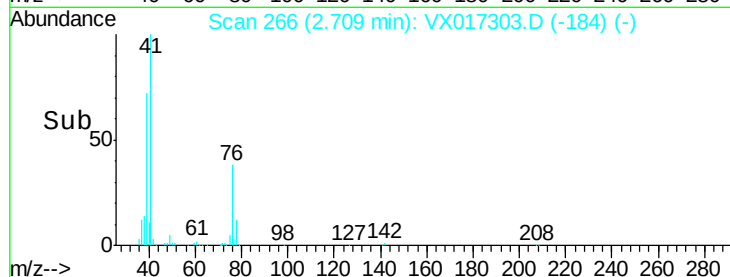
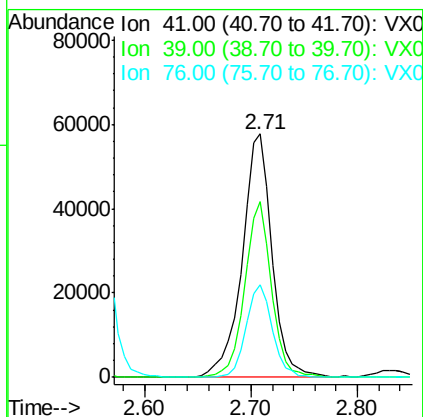
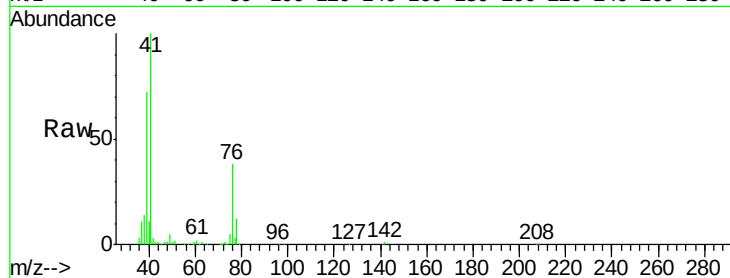
#17
Allvl chloride
Concen: 21.402 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion:	41	Resp:	113087
Ion	Ratio	Lower	Upper
41	100		
39	72.2	38.1	114.5
76	37.8	18.8	56.4

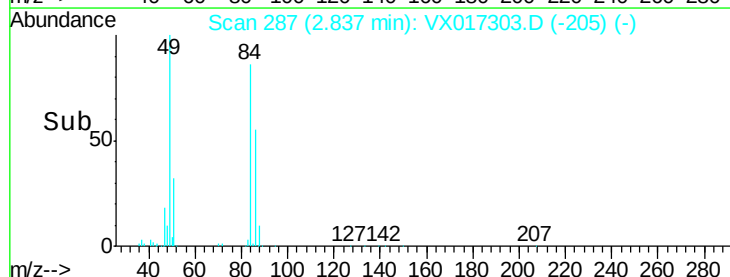
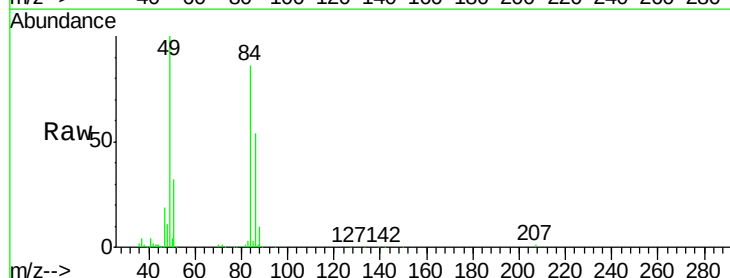
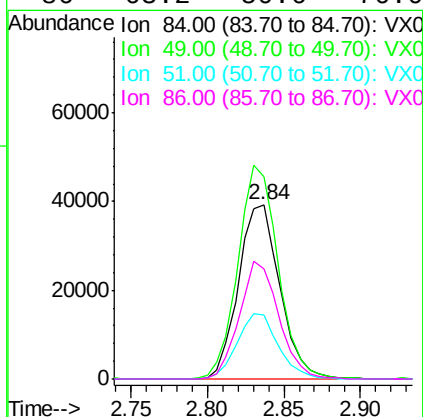
Manual Integrations
APPROVED

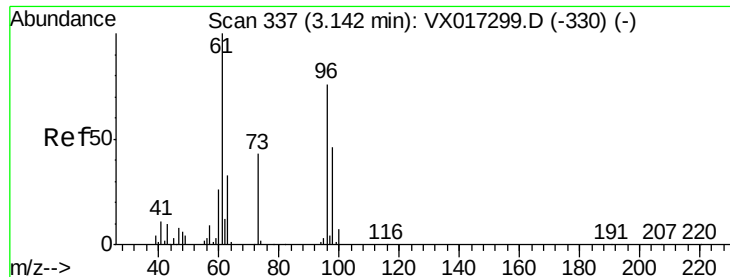
MMDadoda
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#18
Methylene Chloride
Concen: 21.149 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion:	84	Resp:	73984
Ion	Ratio	Lower	Upper
84	100		
49	116.2	95.7	143.5
51	36.9	27.2	40.8
86	63.2	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 21.443 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion: 96 Resp: 71208

Ion Ratio Lower Upper

96 100

61 142.8 105.0 157.6

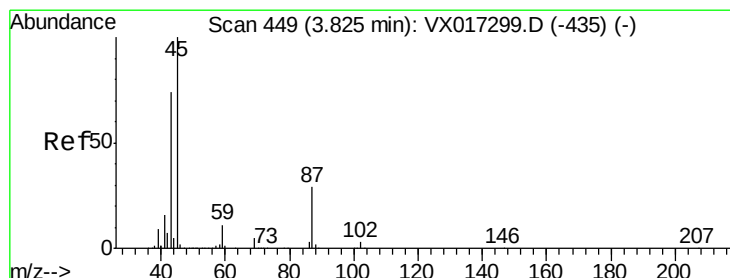
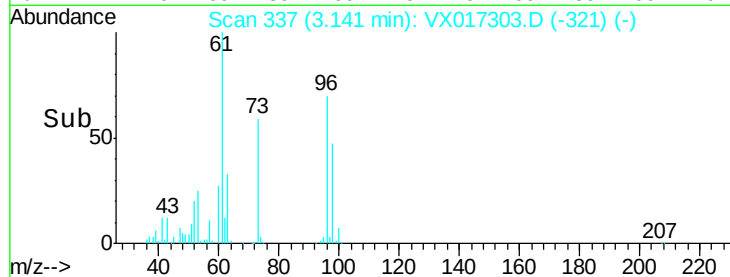
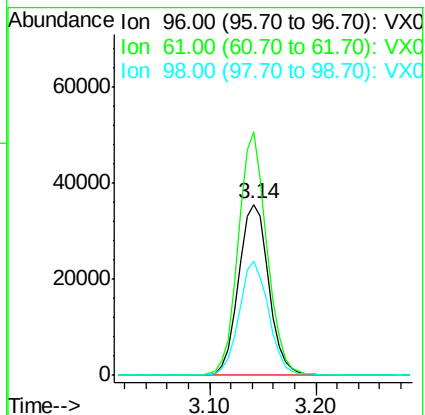
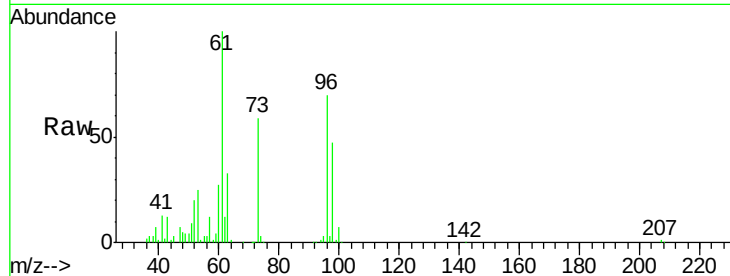
98 67.4 48.6 73.0

Manual Integrations

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#20

Diisopropyl ether

Concen: 21.741 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion: 45 Resp: 229676

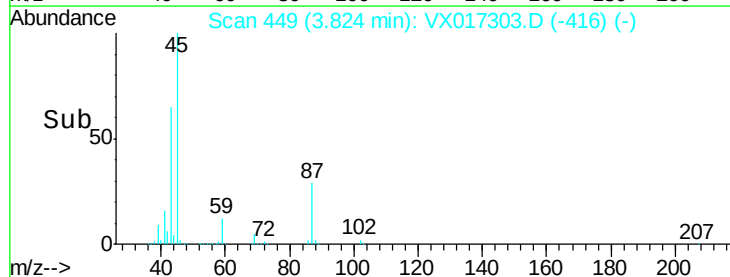
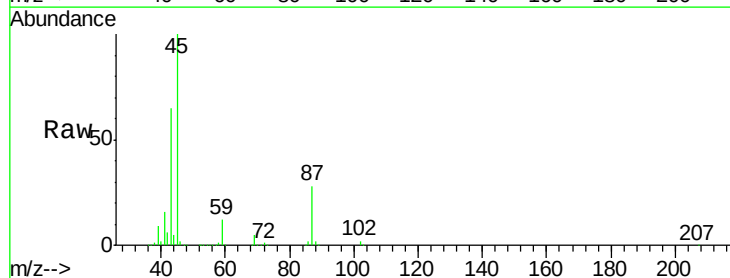
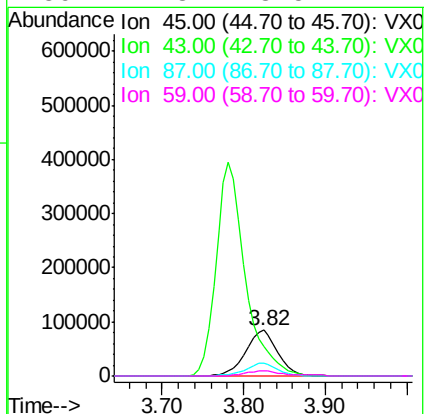
Ion Ratio Lower Upper

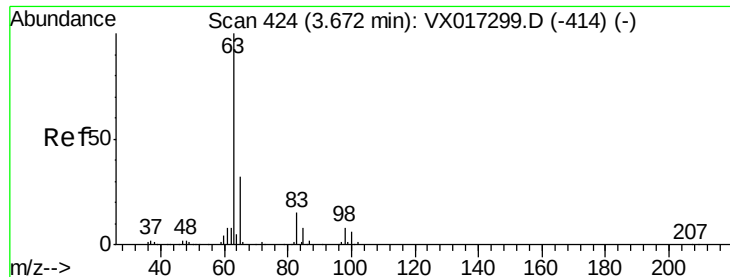
45 100

43 64.8 59.5 89.3

87 28.5 23.2 34.8

59 11.8 8.5 12.7





#21

1,1-Dichloroethane

Concen: 21.419 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

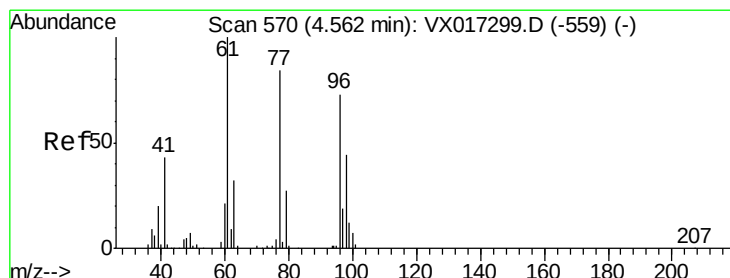
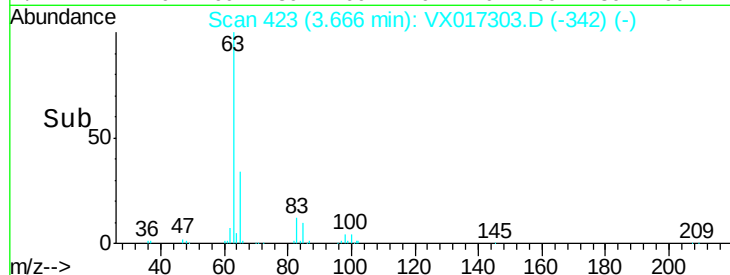
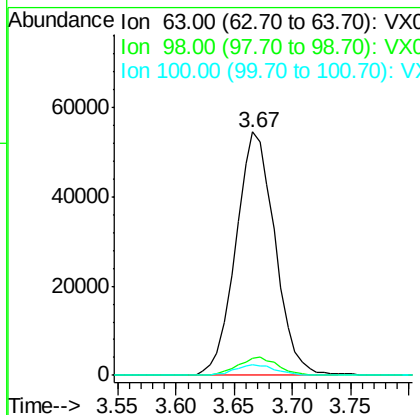
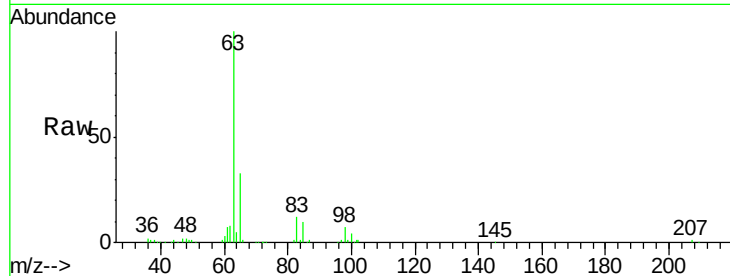
ClientSampleId :

ICVVX070920

Tot Ion:	63	Resp:	126830
Ion Ratio	Lower	Upper	
63	100		
98	7.1	4.2	12.4
100	4.5	2.8	8.3

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#22

cis-1,2-Dichloroethene

Concen: 21.298 ug/l

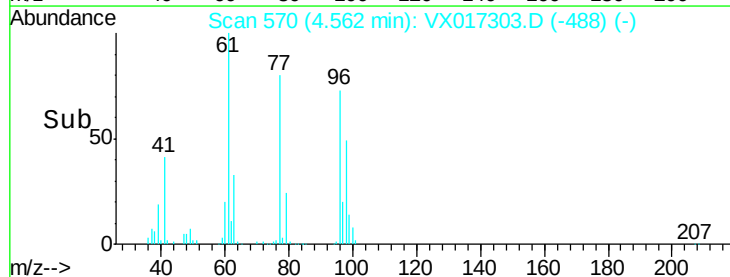
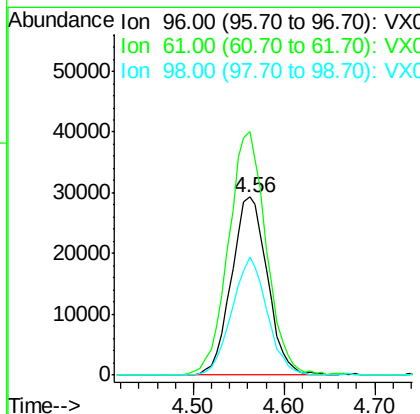
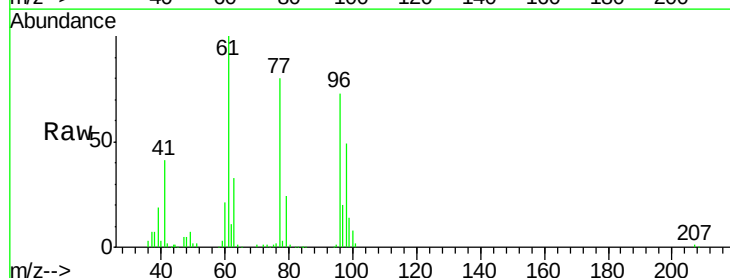
RT: 4.56 min Scan# 570

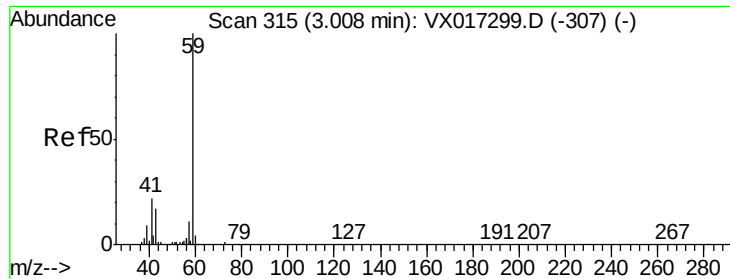
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion:	96	Resp:	80690
Ion Ratio	Lower	Upper	
96	100		
61	143.6	111.7	167.5
98	64.7	50.9	76.3





#23

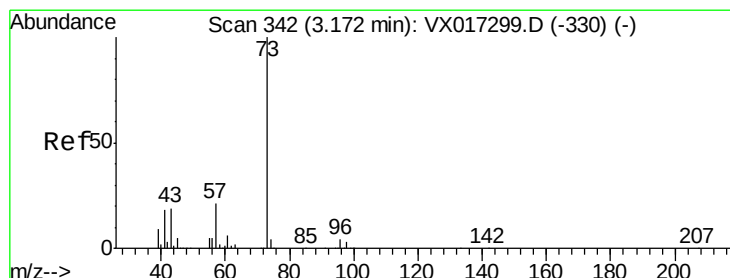
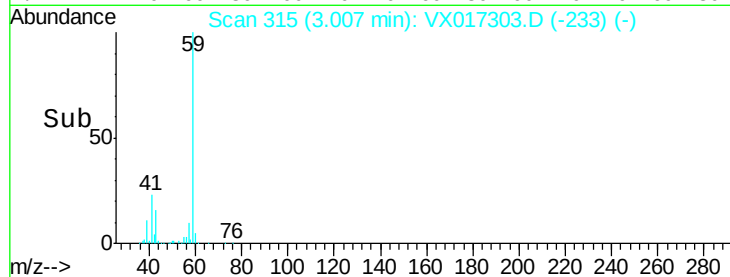
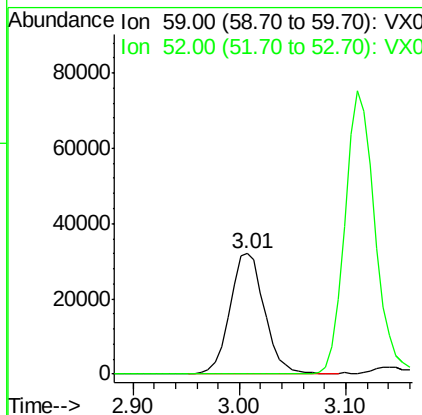
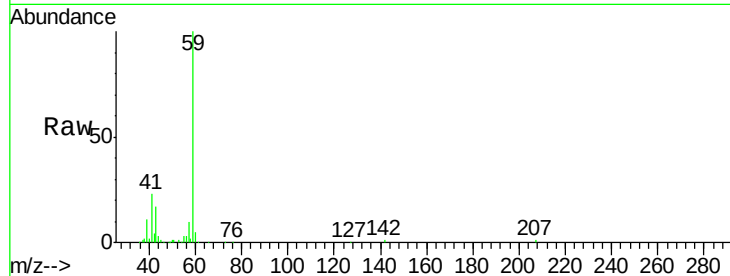
tert-Butyl Alcohol
Concen: 99.202 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	59	52
Resp	73093	
Ratio	100	0.2
Lower		0.4
Upper		0.6#

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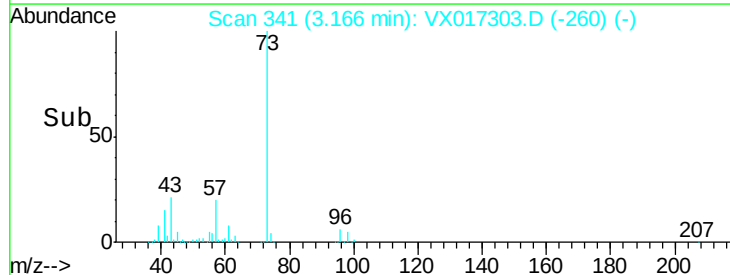
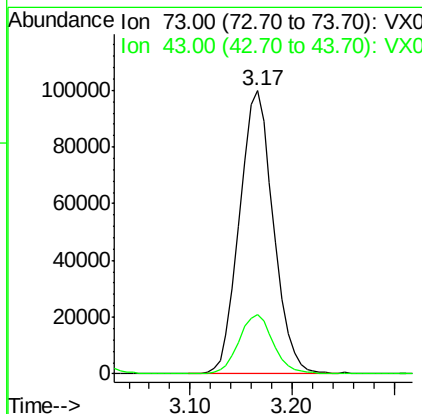
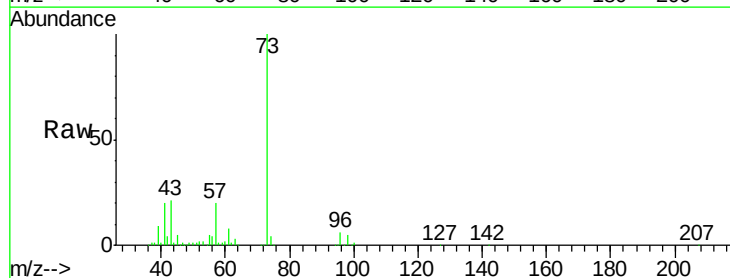
MMDadoda
7/10/2020 12:36:41 PM

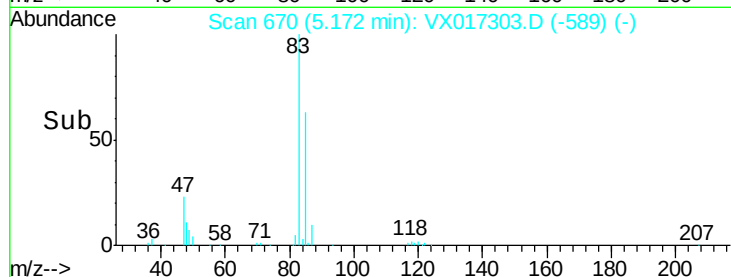
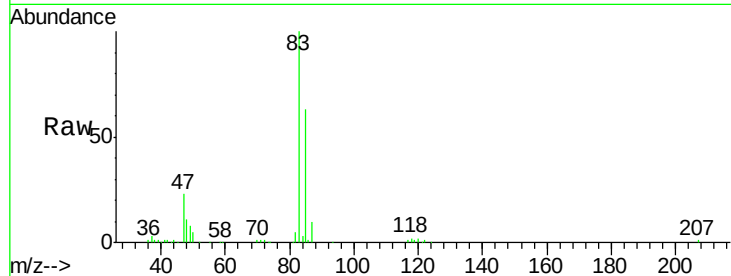
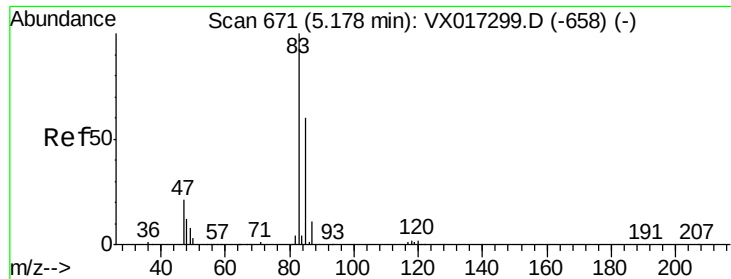


#24

Methyl tert-Butyl Ether
Concen: 21.300 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	73	43
Resp	230965	
Ratio	100	21.0
Lower		16.3
Upper		24.5





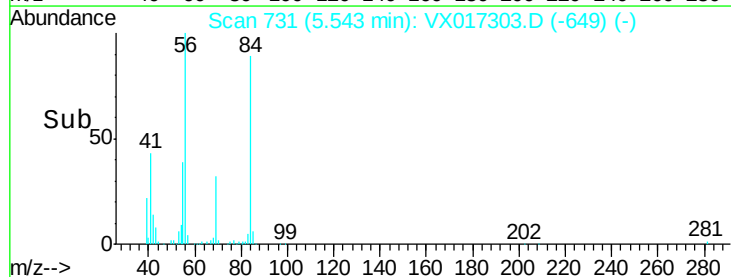
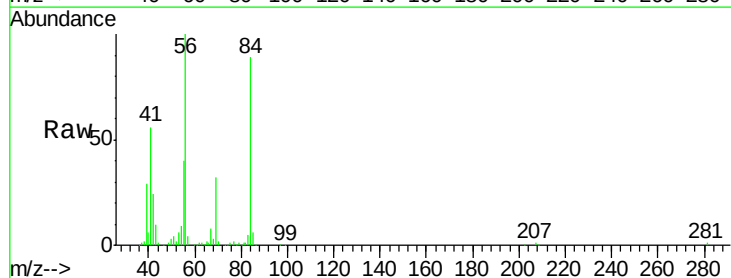
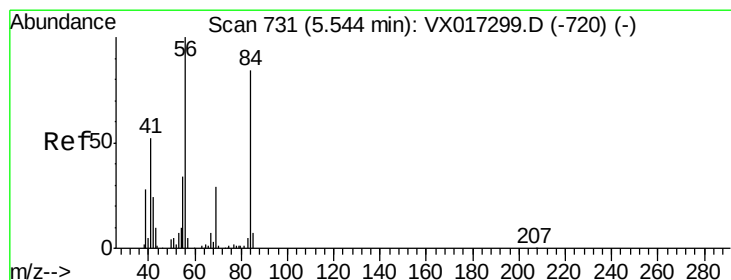
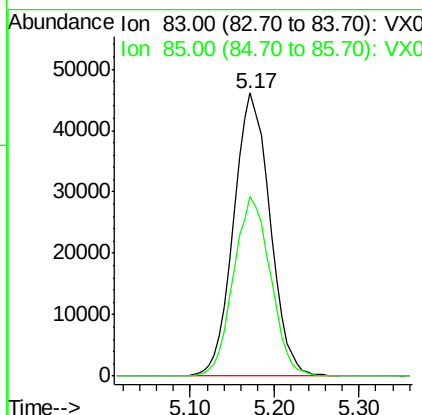
#25
Chloroform
Concen: 21.424 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tot Ion	83	85	Resp	Lower	Upper
83	100				
85	63.3		47.8	71.8	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

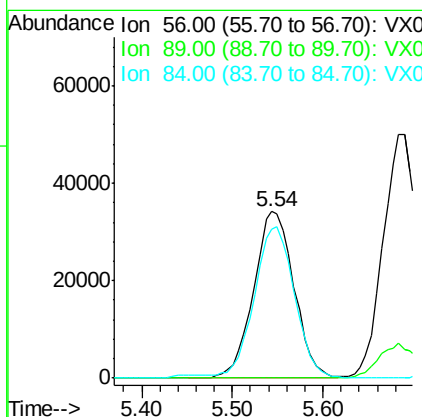
Manual Integrations
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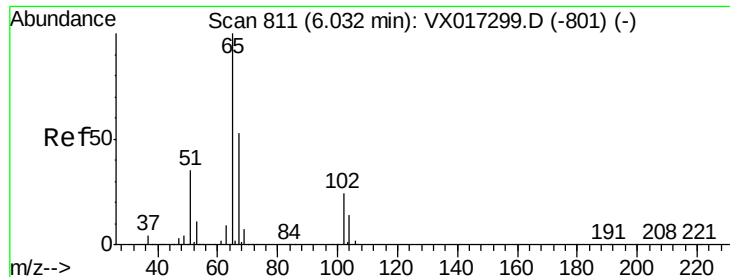
MMDadoda
7/10/2020 12:36:41 PM



#26
Cyclohexane
Concen: 22.777 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	56	89	84	Resp	Lower	Upper
56	100					
89	0.0			0.0	0.0	
84	90.7			71.5	107.3	





#27

1,2-Dichloroethane-d4

Concen: 29.344 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampled :

ICVVX070920

Tot Ion: 65 Resp: 130356

Ion Ratio Lower Upper

65 100

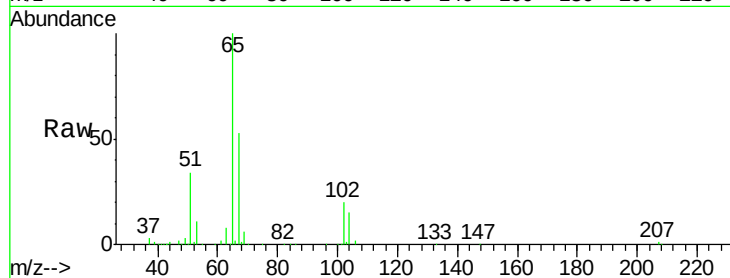
67 52.8 41.0 61.6

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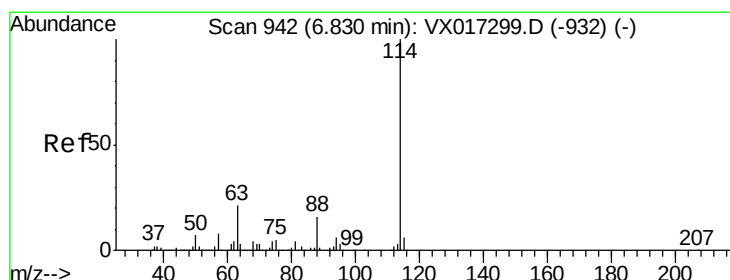
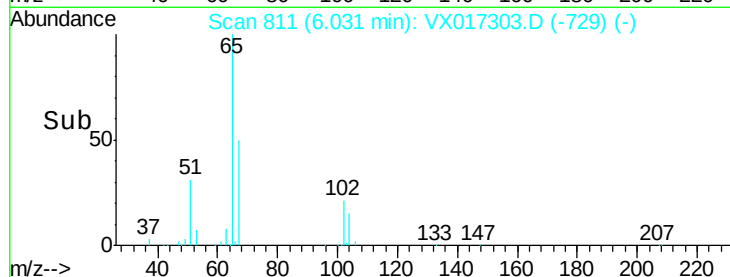
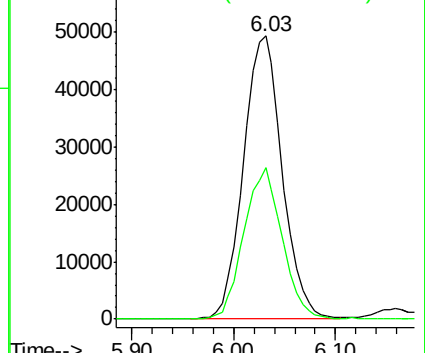
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

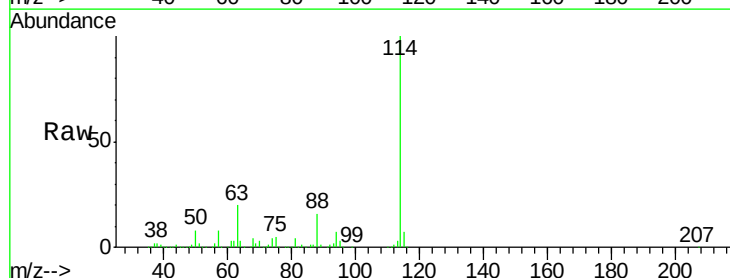
Tgt Ion: 114 Resp: 318558

Ion Ratio Lower Upper

114 100

63 20.0 15.9 23.9

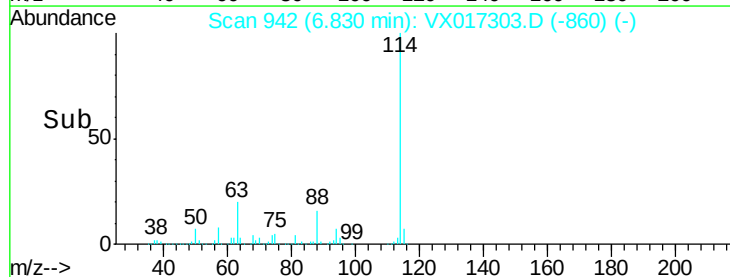
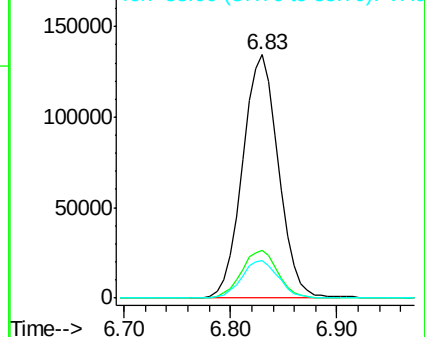
88 15.8 12.4 18.6

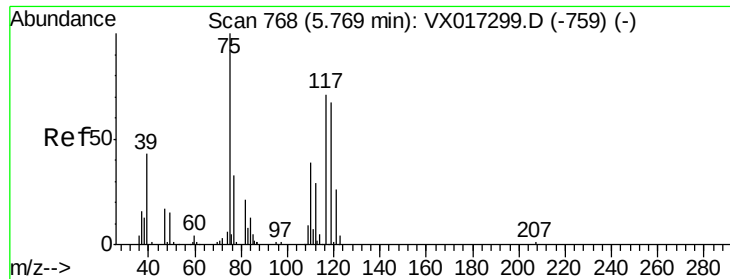


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





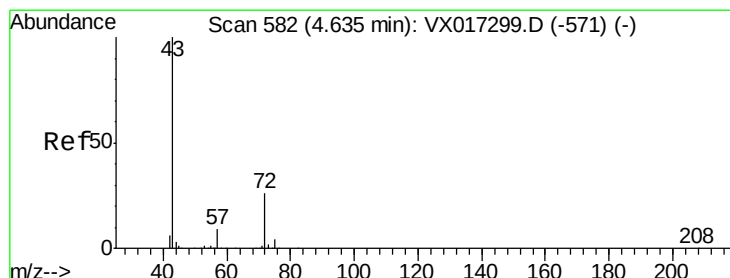
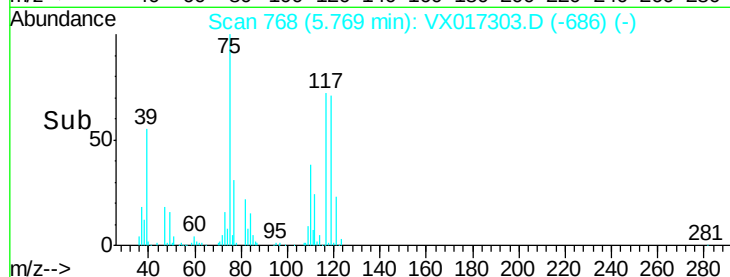
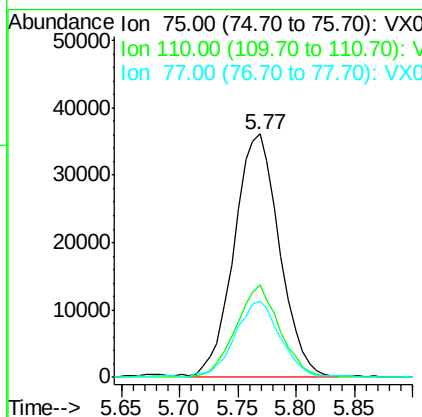
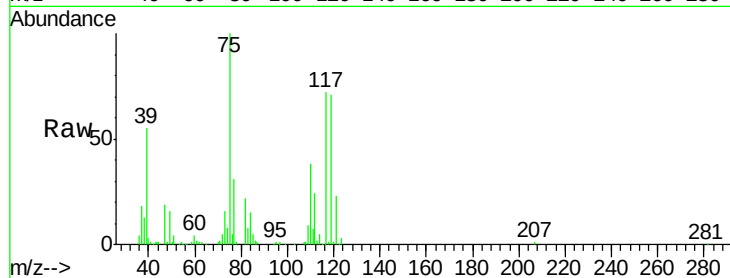
#29
 1,1-Dichloropropene
 Concen: 22.307 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	75.8
77	30.4	0.0	63.4

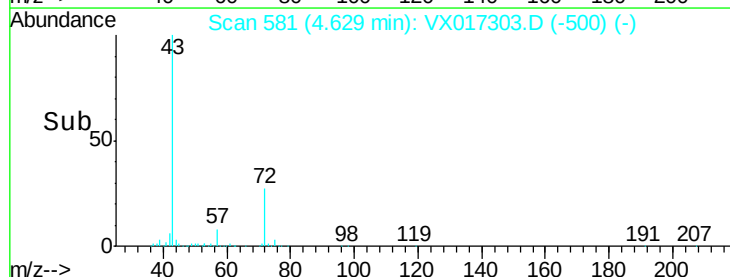
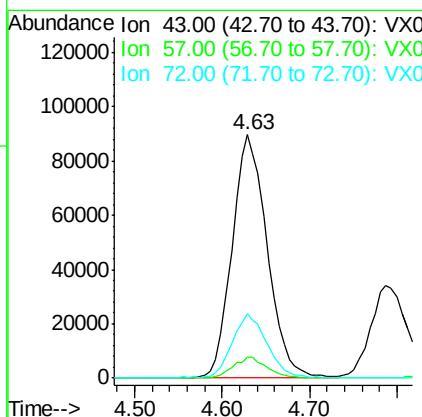
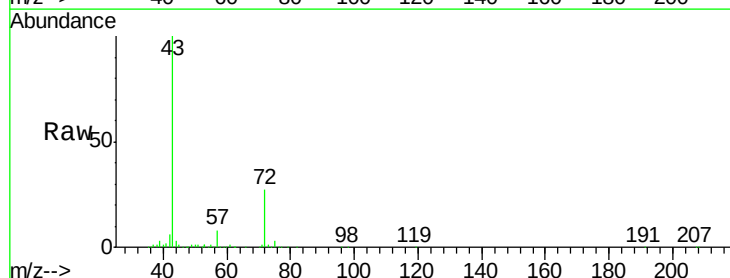
Manual Integrations
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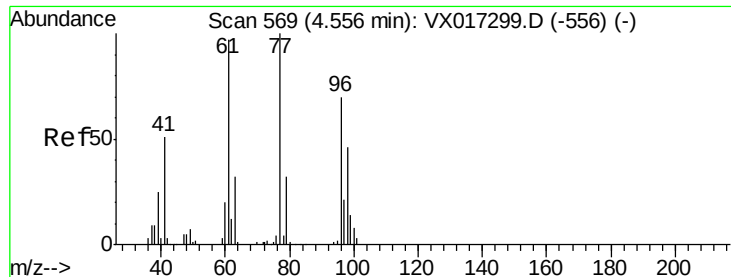
MMDadoda
 7/10/2020 12:36:41 PM



#30
 2-Butanone
 Concen: 103.536 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.8	10.2
72	25.6	21.0	31.6





#31

2,2-Dichloropropane

Concen: 22.138 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion: 77 Resp: 121837

Ion Ratio Lower Upper

77 100

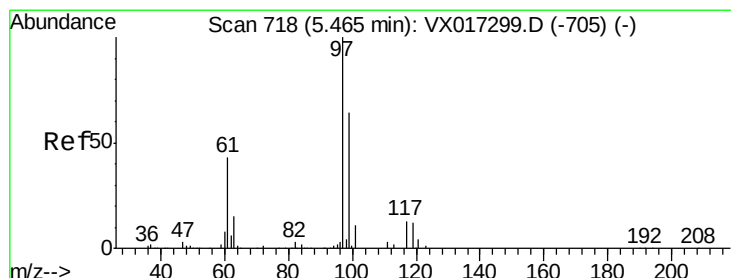
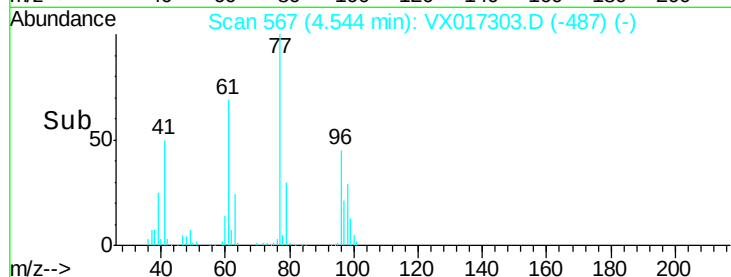
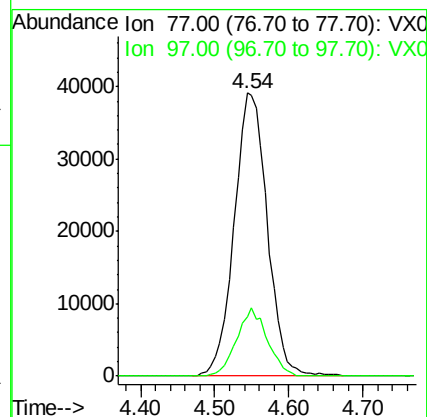
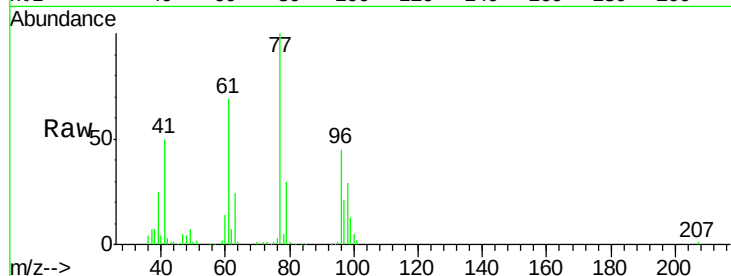
97 22.2 18.2 27.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 21.992 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

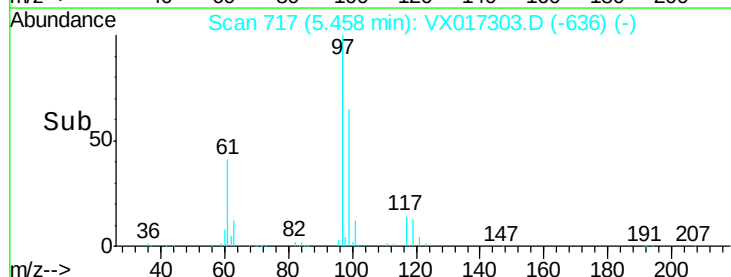
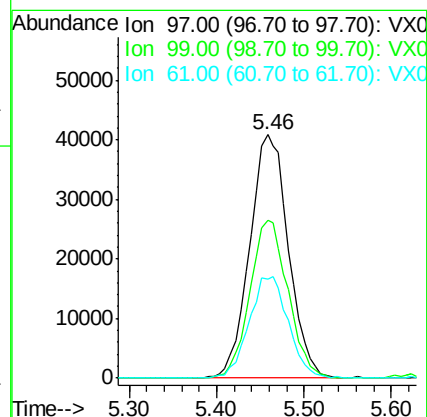
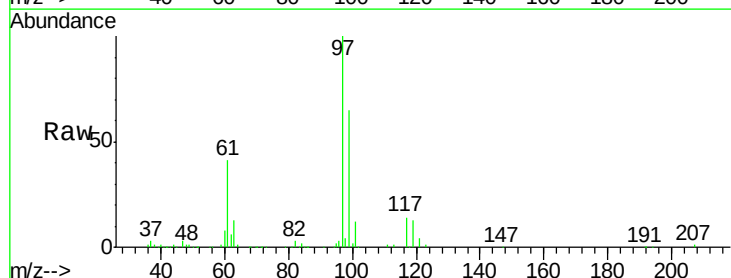
Tgt Ion: 97 Resp: 125781

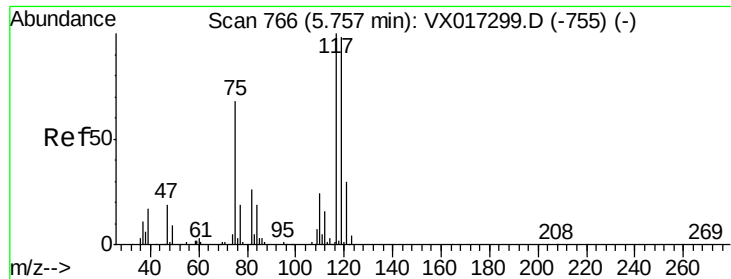
Ion Ratio Lower Upper

97 100

99 63.8 53.2 79.8

61 42.1 34.0 51.0





#33

Carbon Tetrachloride

Concen: 21.669 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

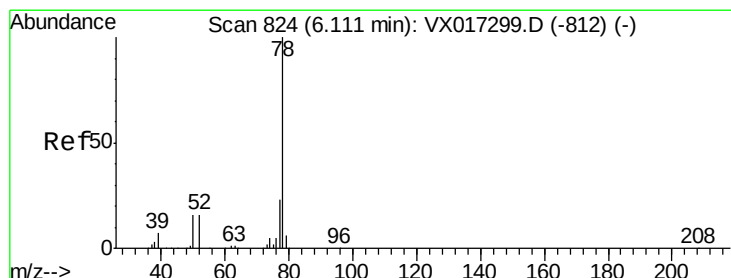
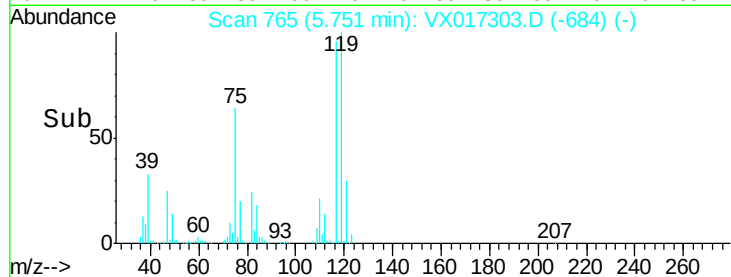
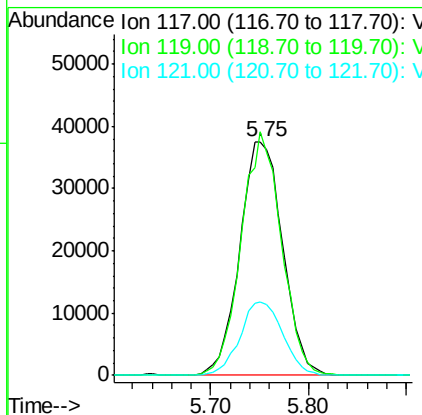
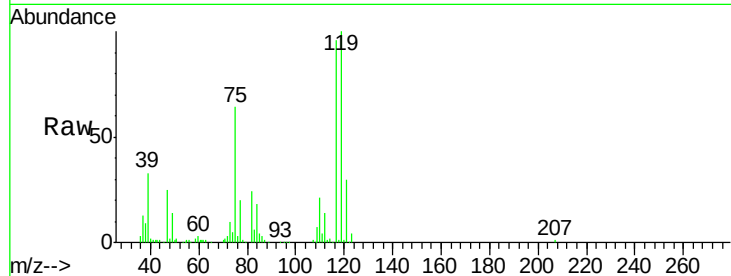
ClientSampleId :

ICVVX070920

Tot Ion	Ratio	Lower	Upper
117	100		
119	104.1	78.8	118.2
121	31.4	23.7	35.5

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#34

Benzene

Concen: 21.608 ug/l

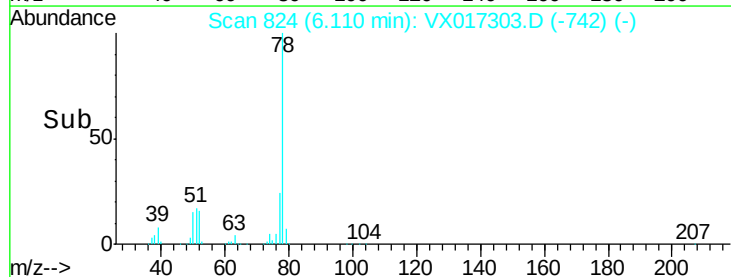
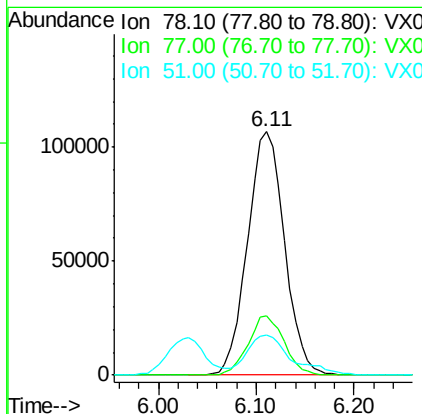
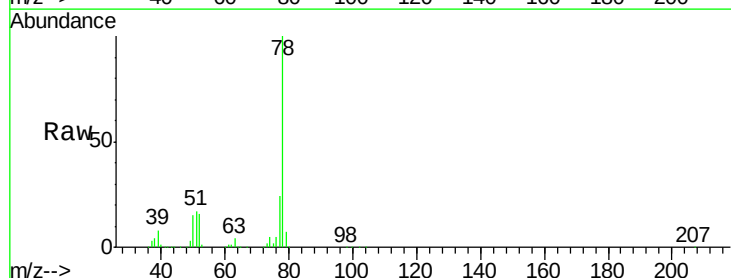
RT: 6.11 min Scan# 824

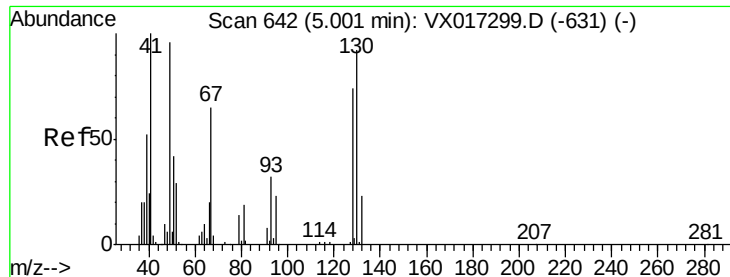
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.1	27.1
51	15.4	12.9	19.3





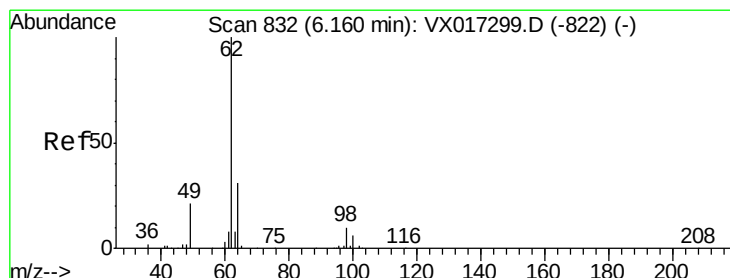
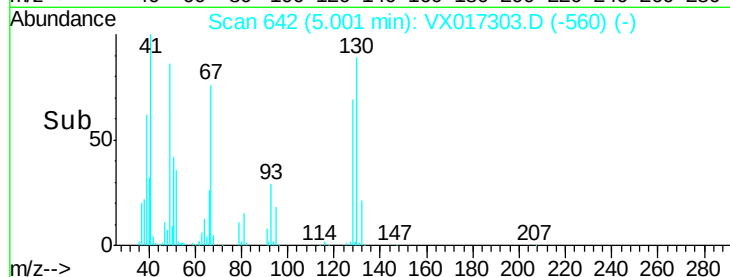
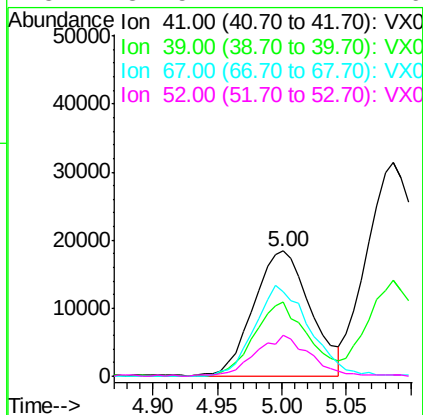
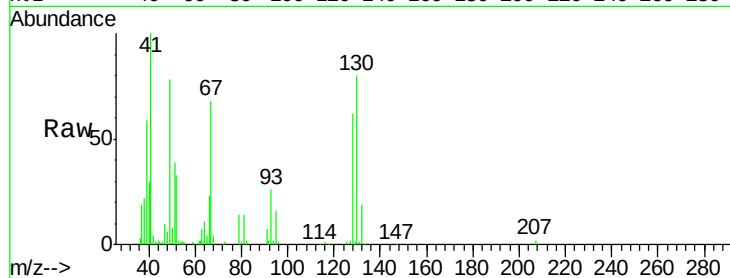
#35
Methacrylonitrile
Concen: 20.895 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.0	26.0	78.0
67	68.2	32.6	97.8
52	32.5	14.2	42.6

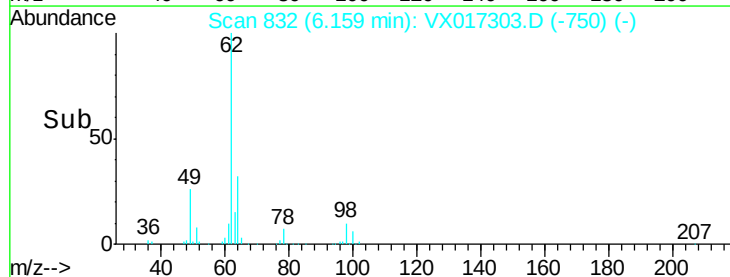
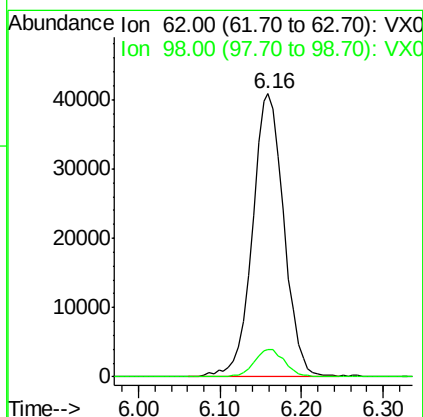
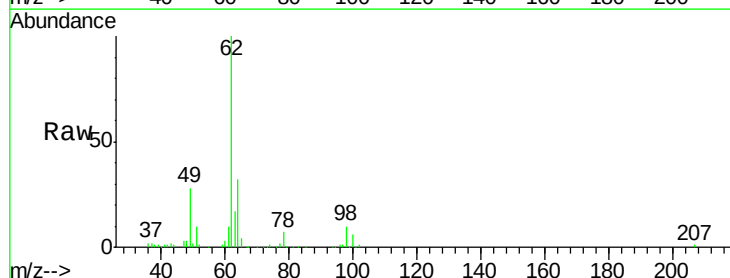
Manual Integrations
APPROVED

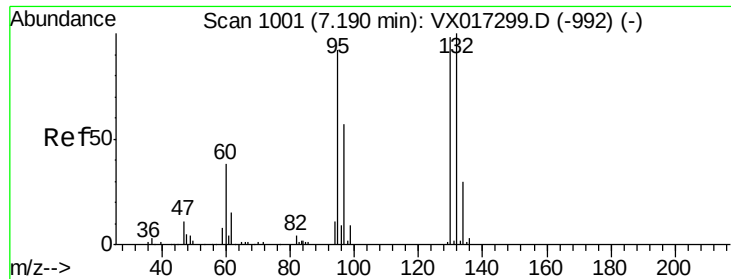
MMDadoda
7/10/2020 12:36:41 PM



#36
1,2-Dichloroethane
Concen: 21.351 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.8	11.8





#37

Trichloroethene

Concen: 21.651 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion:130 Resp: 85120

Ion Ratio Lower Upper

130 100

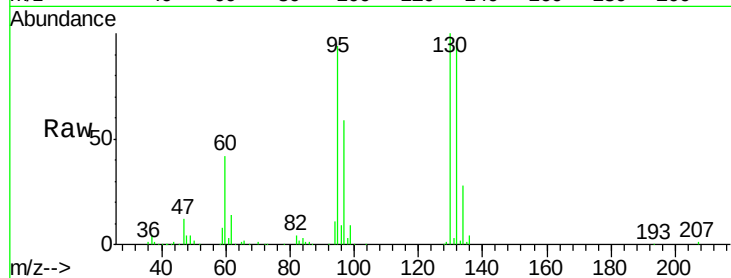
95 93.8 74.4 111.6

Manual Integrations

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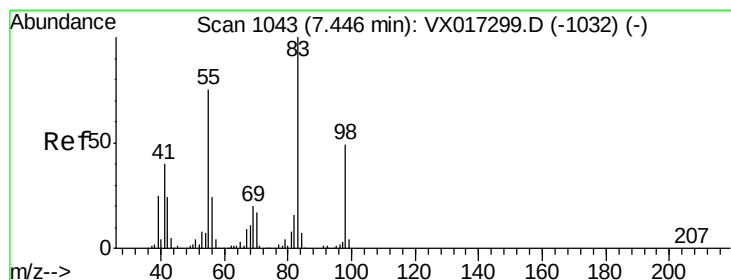
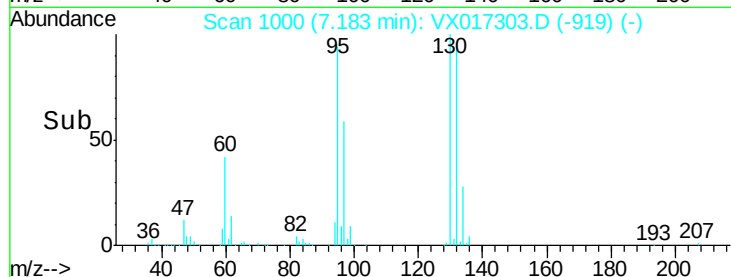
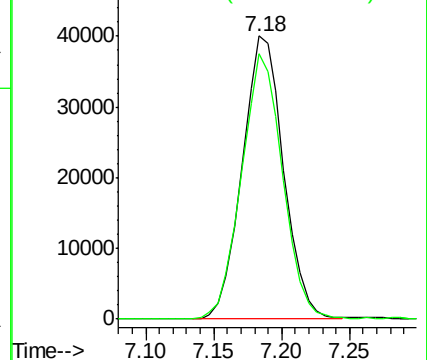
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 23.324 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

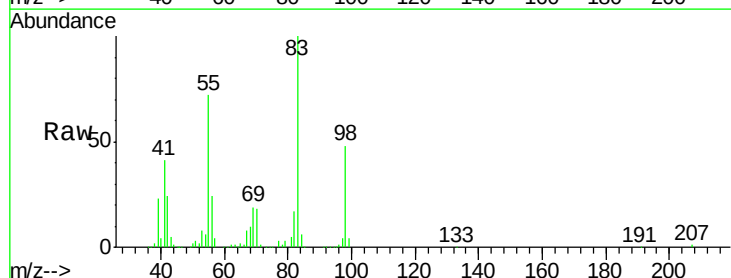
Tgt Ion: 83 Resp: 107972

Ion Ratio Lower Upper

83 100

55 77.1 39.0 117.0

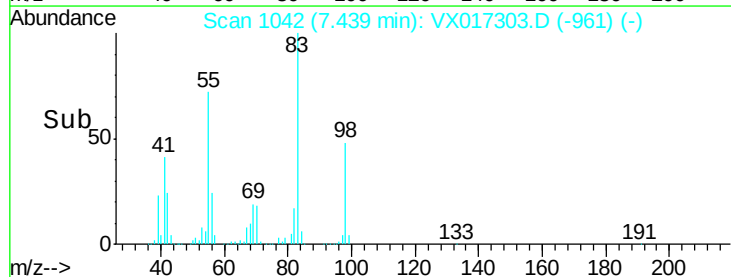
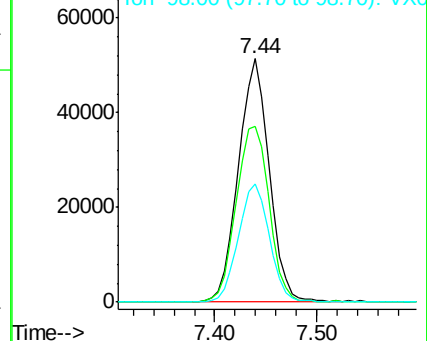
98 48.8 25.3 75.9

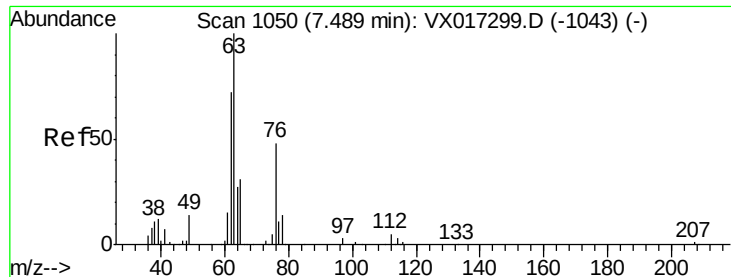


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





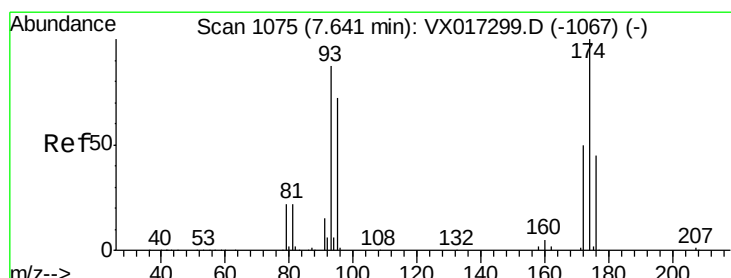
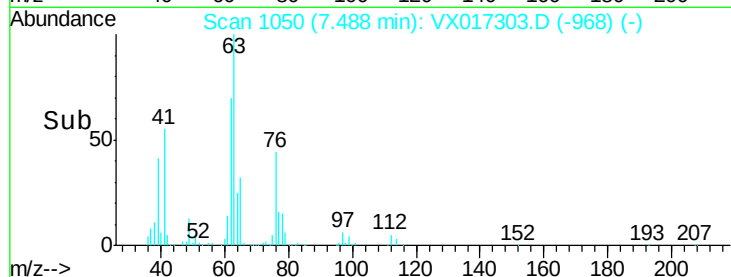
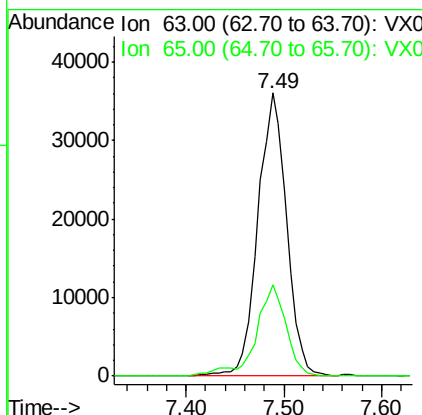
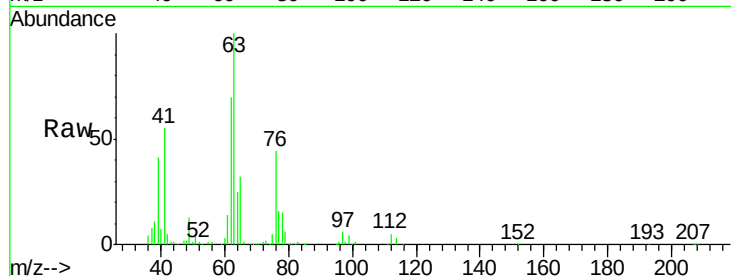
#39
 1,2-Dichloropropane
 Concen: 21.582 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion: 63 Resp: 73714
 Ion Ratio Lower Upper
 63 100
 65 32.1 27.4 41.0

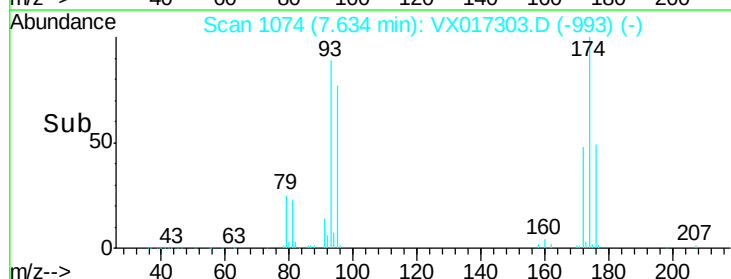
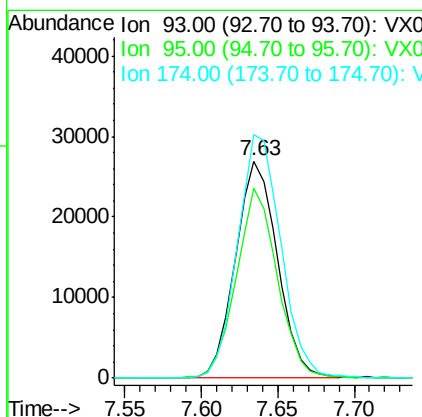
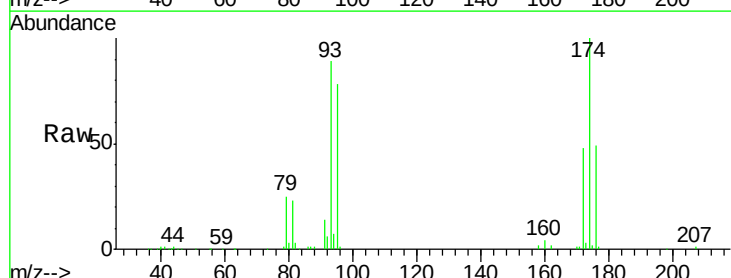
Manual Integrations
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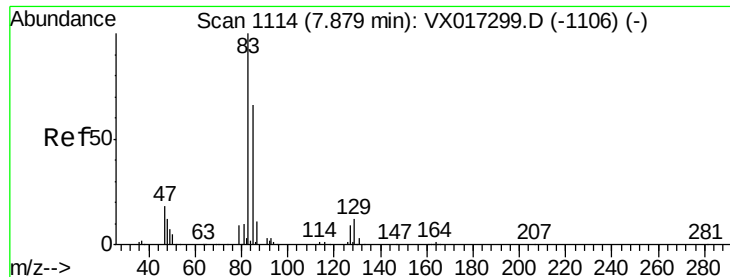
MMDadoda
 7/10/2020 12:36:41 PM



#40
 Dibromomethane
 Concen: 20.912 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion: 93 Resp: 51457
 Ion Ratio Lower Upper
 93 100
 95 85.1 0.0 164.4
 174 116.0 0.0 224.8





#41

Bromodichloromethane

Concen: 21.288 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

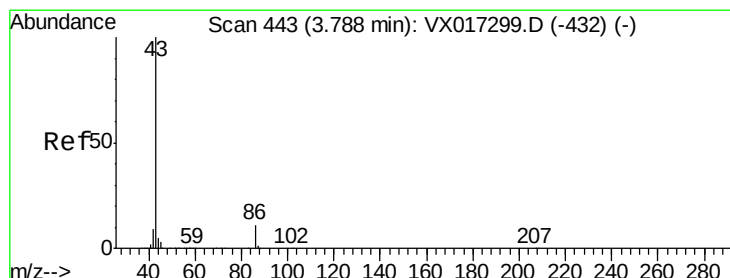
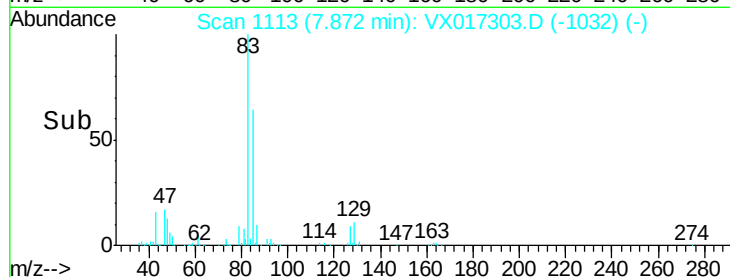
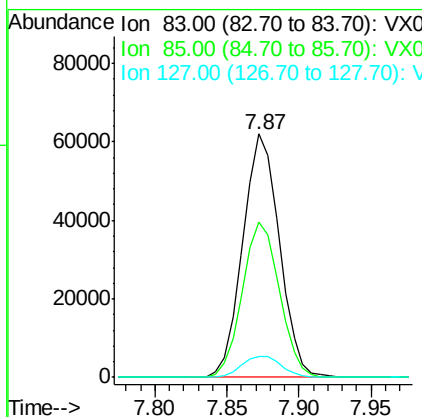
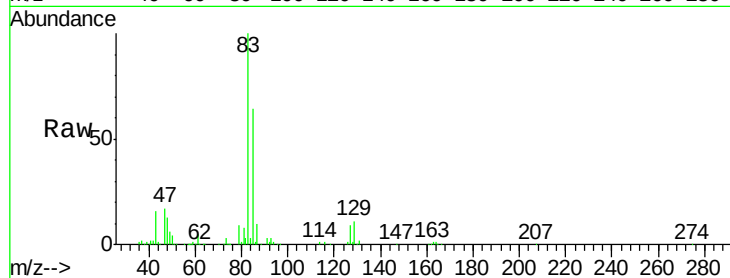
ClientSampleId :

ICVVX070920

Tot Ion	83	Resp	109318
Ion Ratio	Lower	Upper	
83	100		
85	63.7	53.1	79.7
127	8.5	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 107.237 ug/l

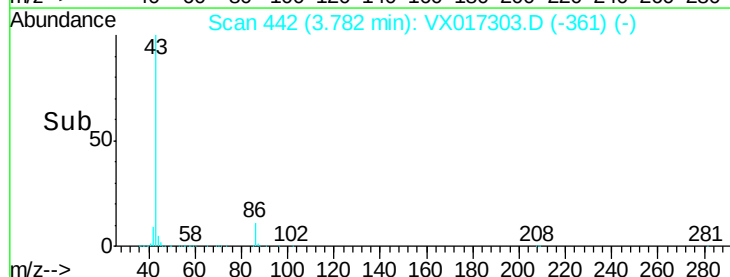
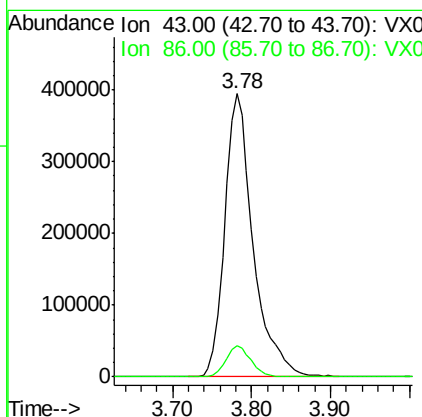
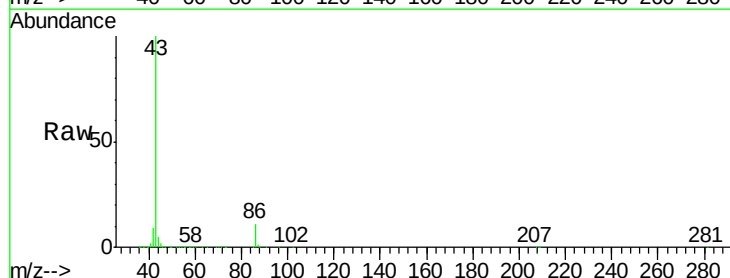
RT: 3.78 min Scan# 442

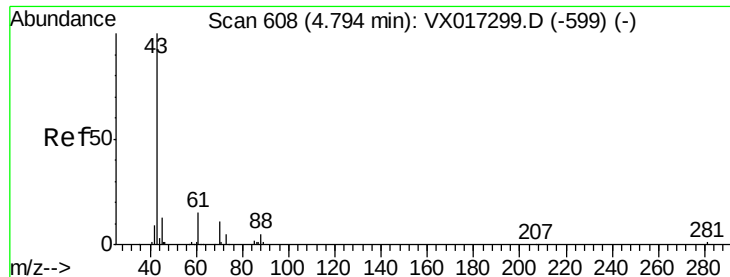
Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion	43	Resp	984702
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.9	11.9





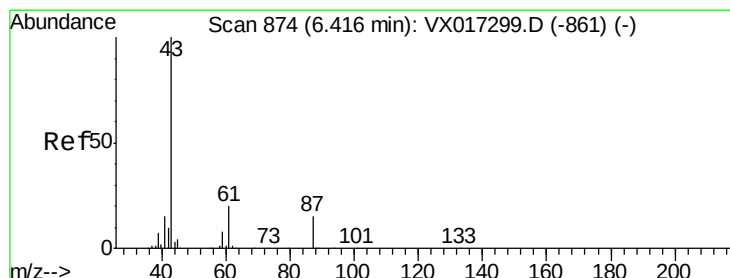
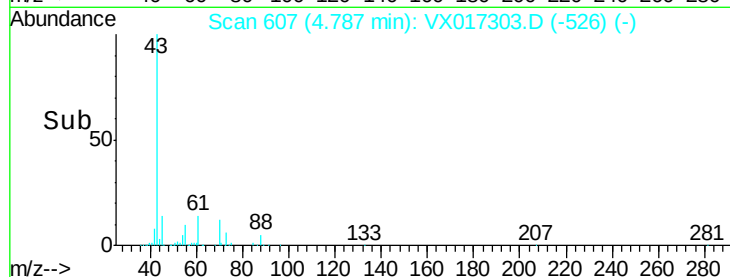
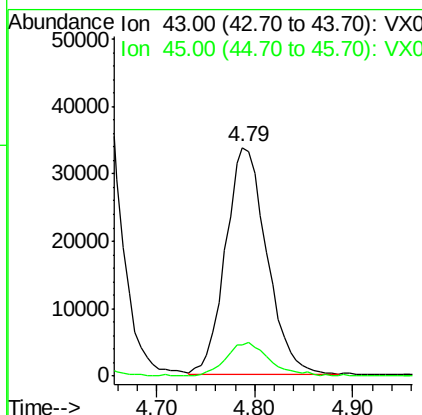
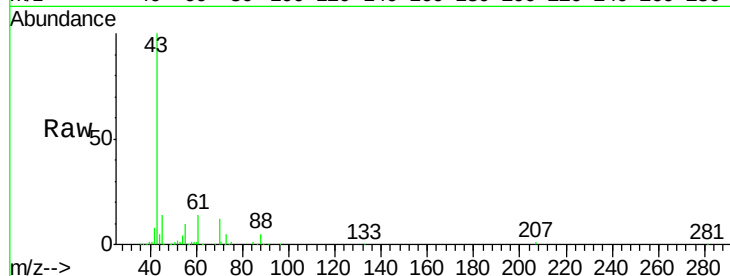
#43
Ethyl Acetate
Concen: 20.764 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	43	45	Ratio	100	15.4	Resp	98136	Lower	Upper
43	100								
45		15.4						12.1	18.1

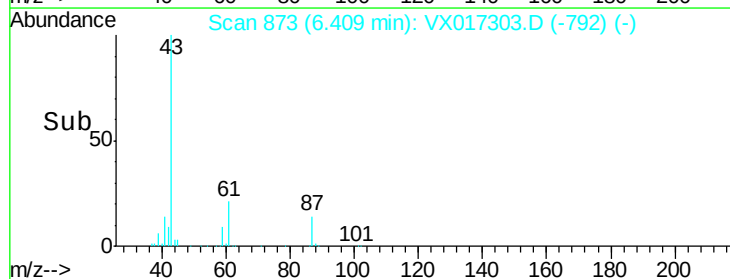
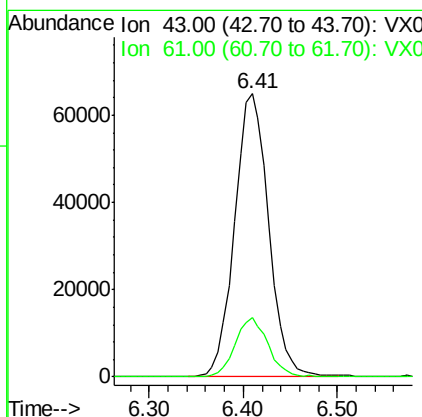
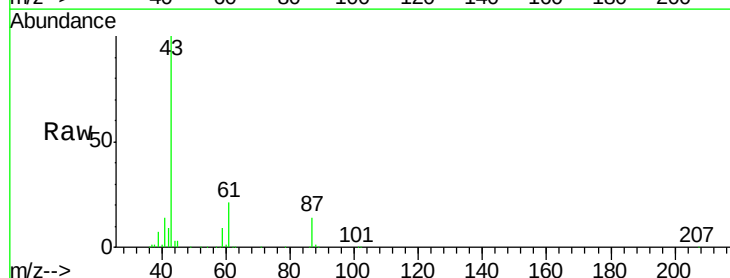
Manual Integrations
APPROVED

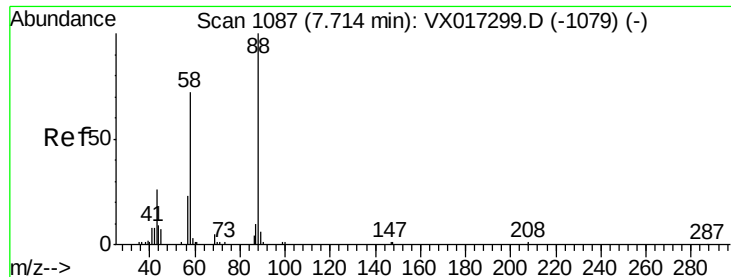
MMDadoda
7/10/2020 12:36:41 PM



#44
Isopropyl Acetate
Concen: 20.792 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	43	61	Ratio	100	20.3	Resp	163499	Lower	Upper
43	100								
61		20.3						15.7	23.5





#45

1,4-Dioxane

Concen: 395.949 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

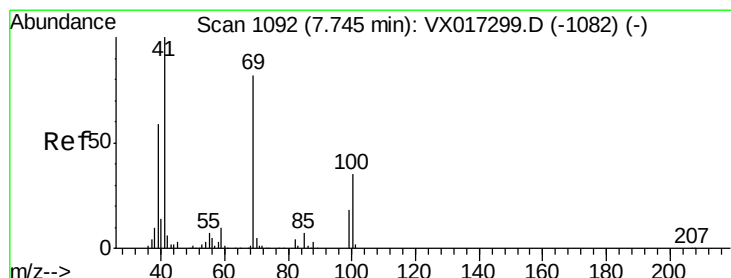
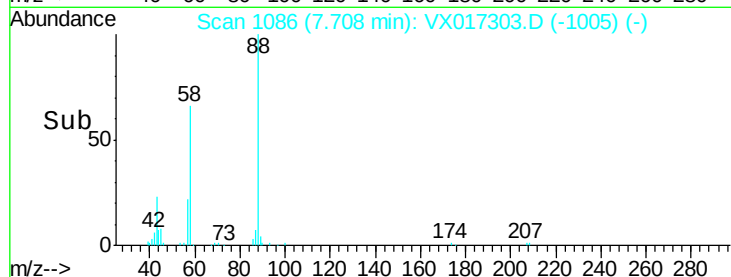
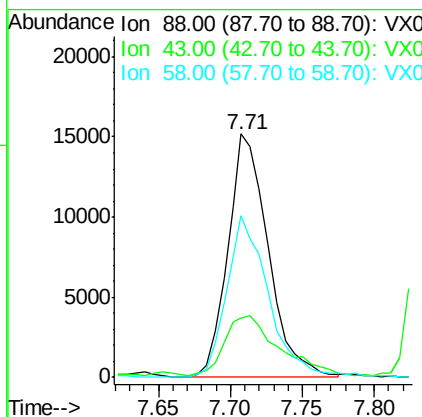
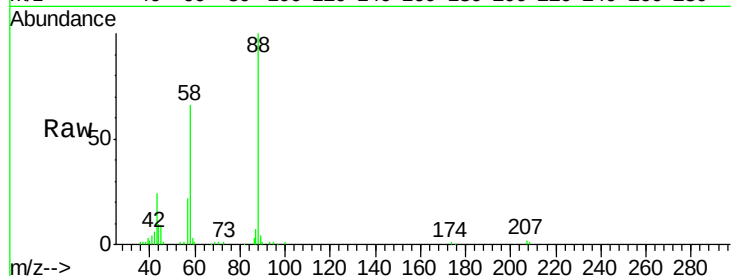
ClientSampleId :

ICVVX070920

Tot Ion:	88	Resp:	29679
Ion	Ratio	Lower	Upper
88	100		
43	32.3	29.0	43.4
58	67.9	58.3	87.5

Manual Integrations
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7/10/2020 12:36:41 PM



#46

Methyl methacrylate

Concen: 19.982 ug/l

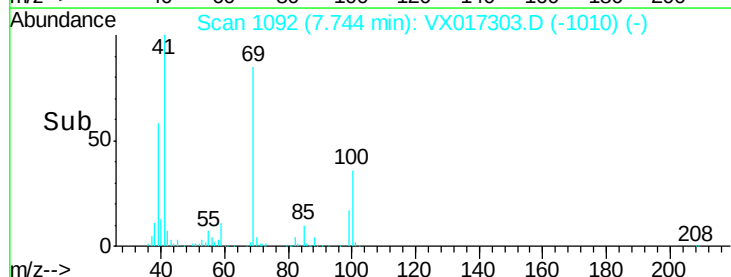
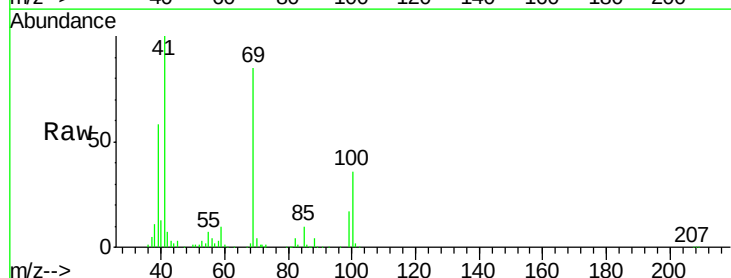
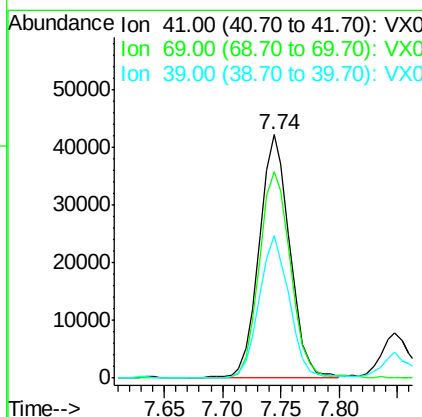
RT: 7.74 min Scan# 1092

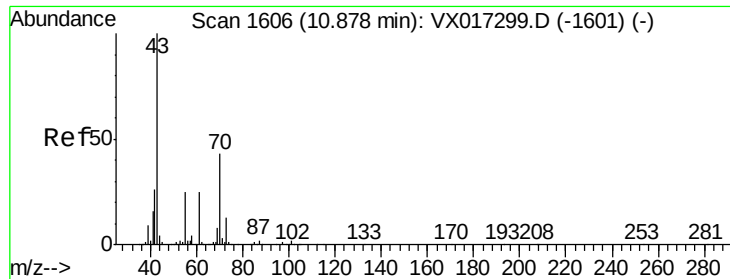
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion:	41	Resp:	76545
Ion	Ratio	Lower	Upper
41	100		
69	84.9	41.1	123.3
39	58.4	29.2	87.6





#47

n-amyl Acetate

Concen: 19.964 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion: 43 Resp: 139008

Ion Ratio Lower Upper

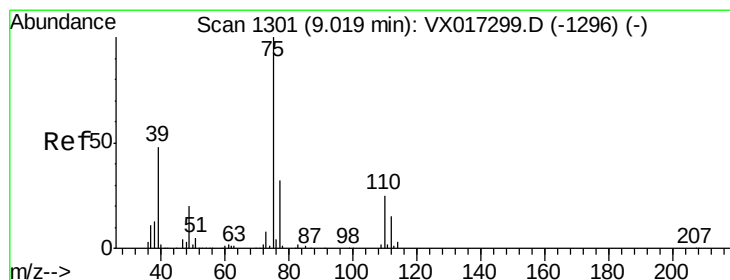
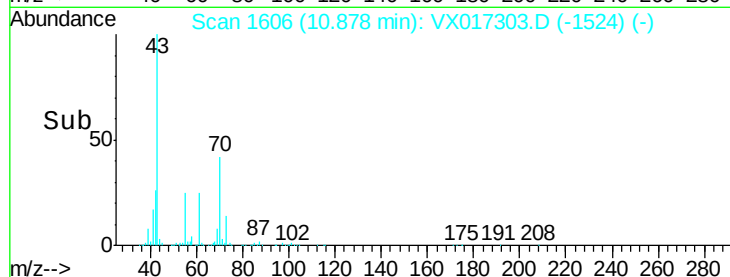
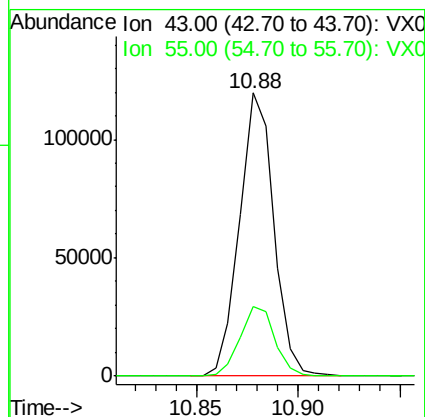
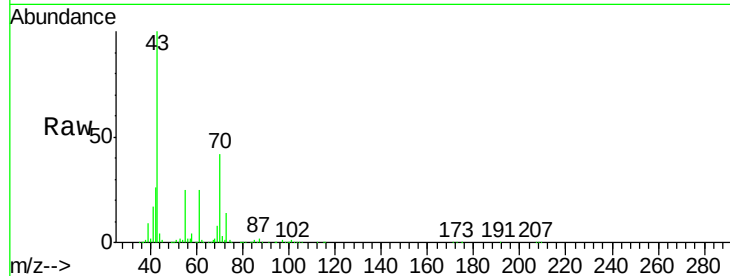
43 100

55 25.4 20.4 30.6

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 20.781 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX017303.D

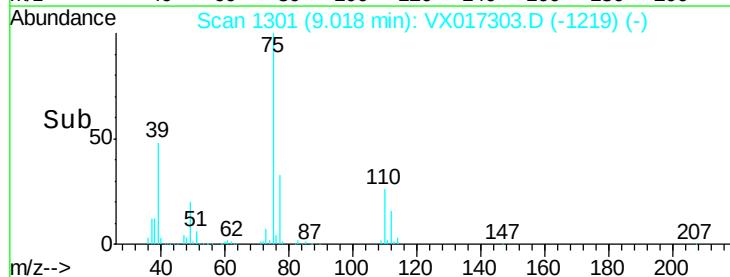
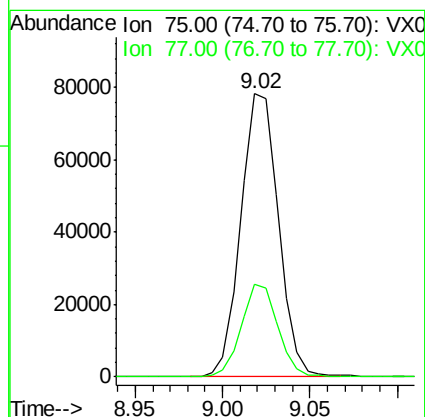
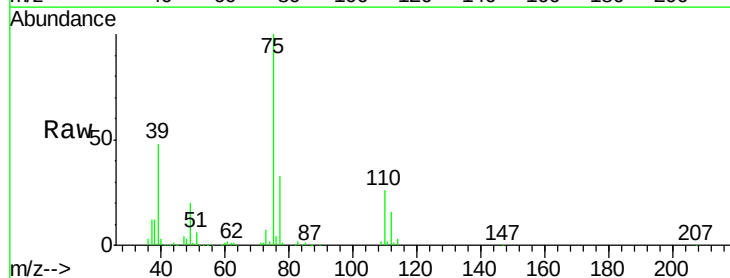
Acq: 09 Jul 2020 13:21

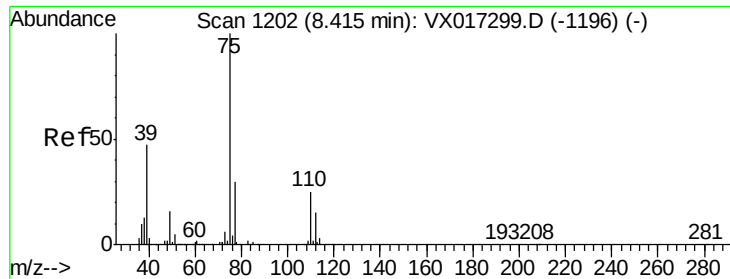
Tgt Ion: 75 Resp: 117812

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4





#49

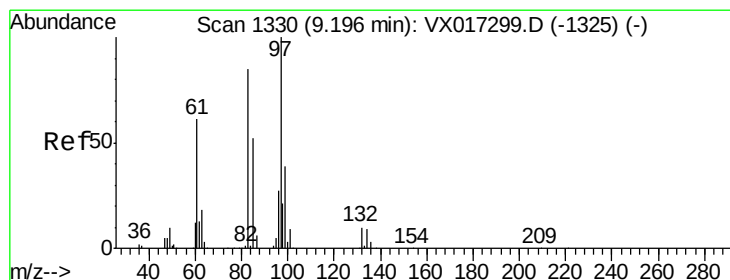
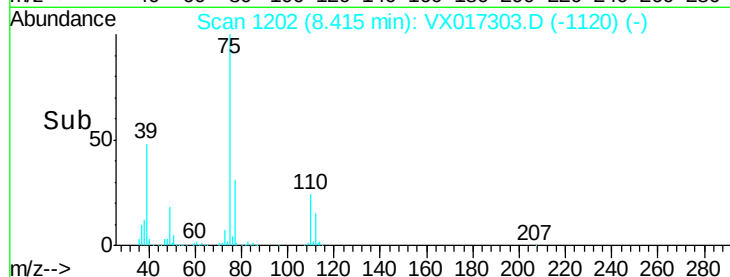
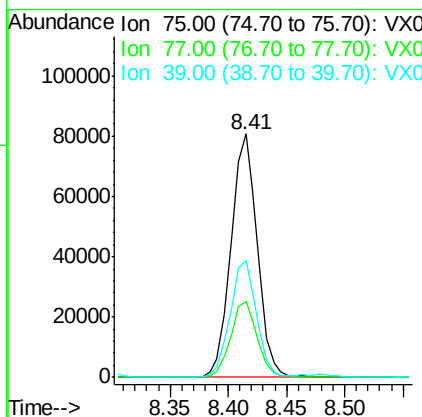
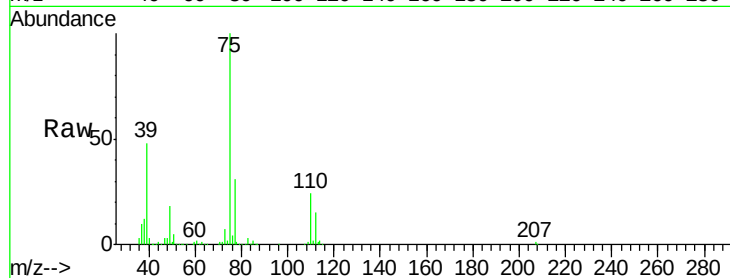
cis-1,3-Dichloropropene
 Concen: 21.413 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.6	35.4
39	47.8	37.5	56.3

Manual Integrations
 APPROVED

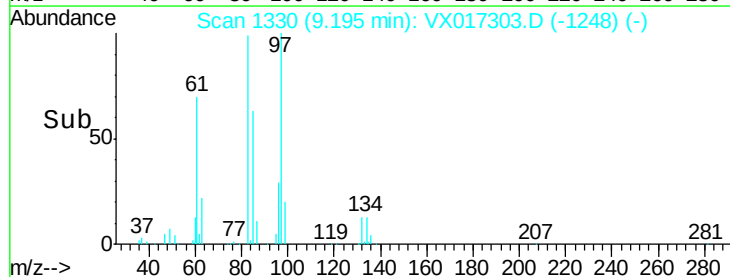
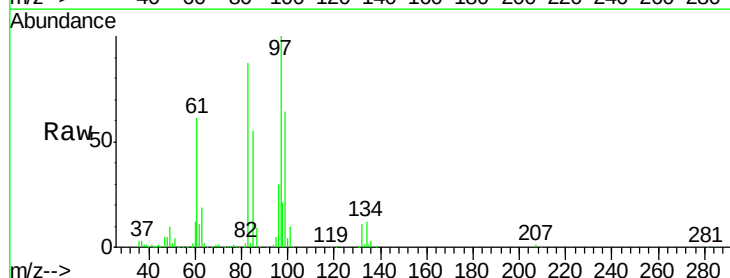
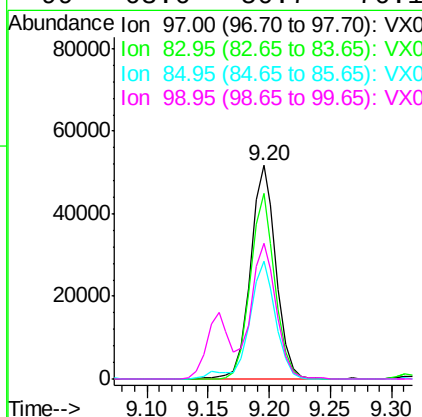
MMDadoda
 7/10/2020 12:36:41 PM

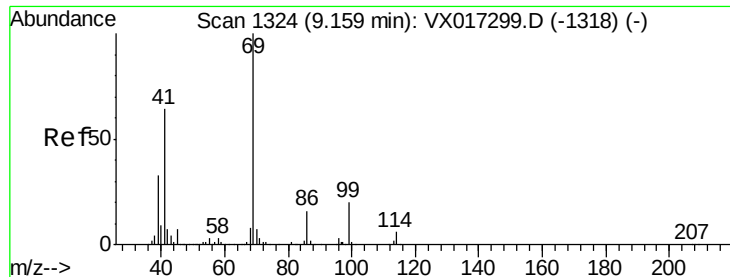


#50

1,1,2-Trichloroethane
 Concen: 20.569 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.9	101.9
85	54.8	42.6	64.0
99	63.6	50.7	76.1





#51

Ethyl methacrylate

Concen: 20.564 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

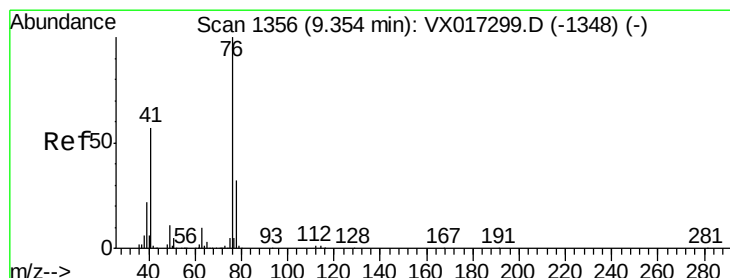
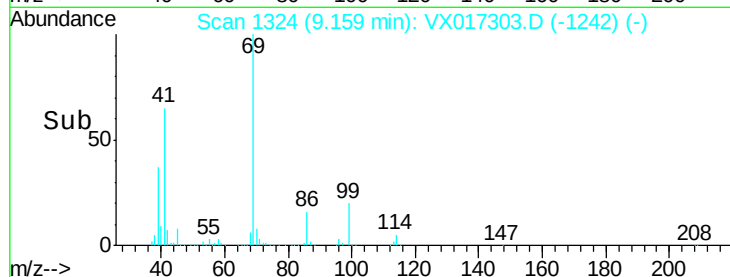
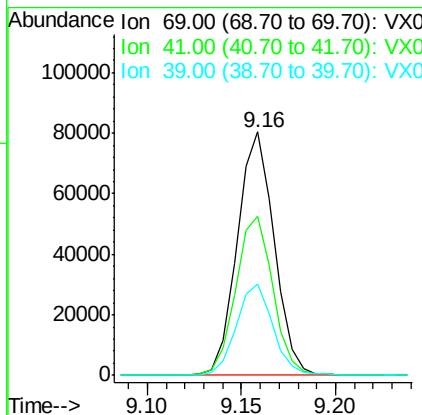
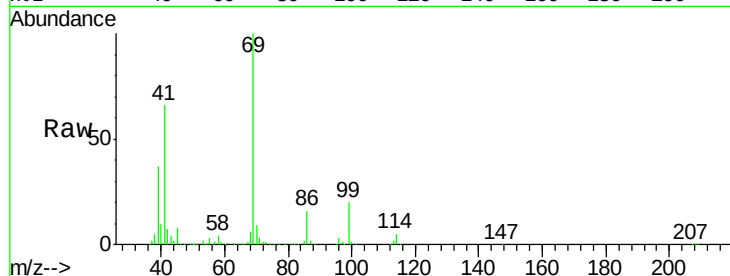
ClientSampleId :

ICVVX070920

Tot Ion	69	Resp	109216
Ion	Ratio	Lower	Upper
69	100		
41	65.4	32.1	96.5
39	37.4	16.3	48.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.082 ug/l

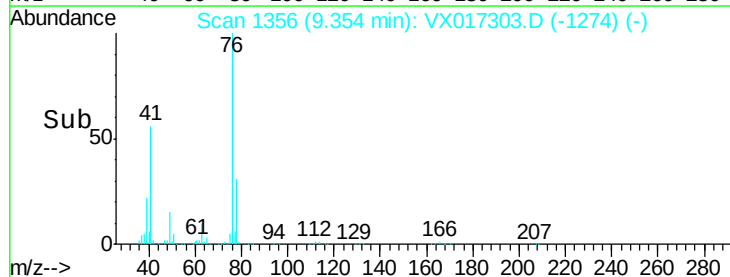
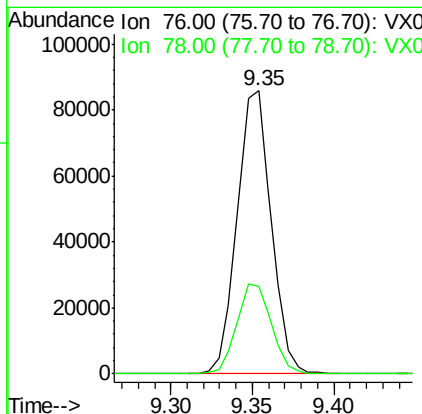
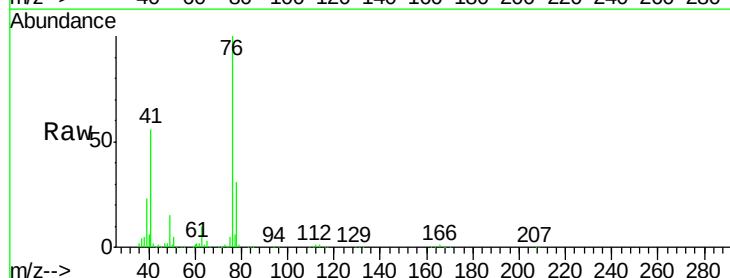
RT: 9.35 min Scan# 1356

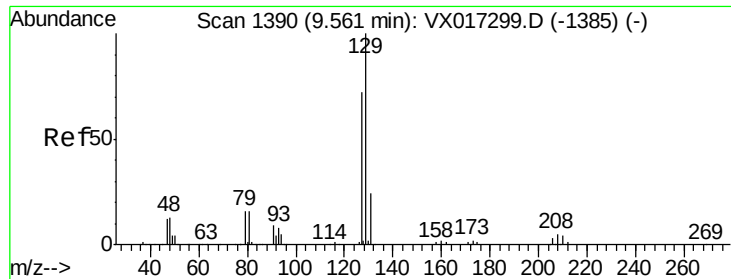
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion	76	Resp	125183
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.6





#53

Dibromochloromethane

Concen: 20.400 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion:129 Resp: 90775

Ion Ratio Lower Upper

129 100

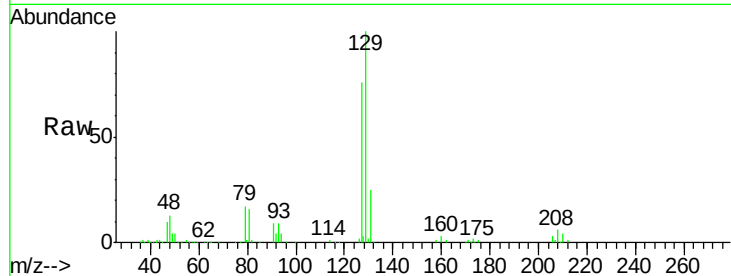
127 77.2 37.5 112.5

Manual Integrations

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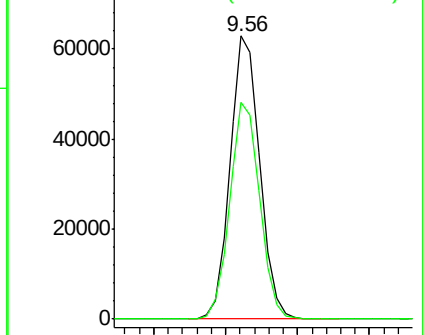
MMDadoda

7/10/2020 12:36:41 PM

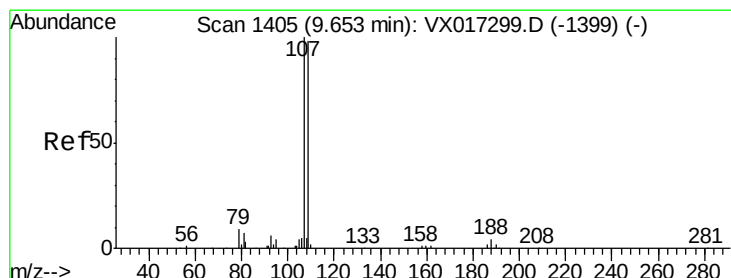
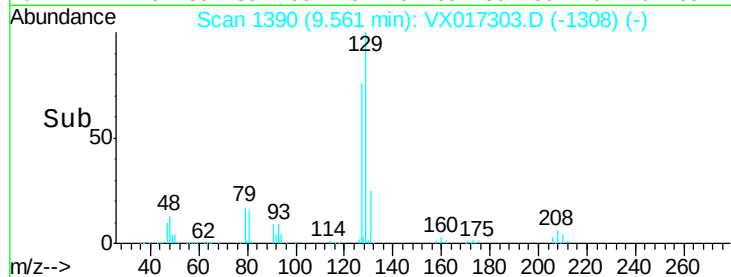


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#54

1,2-Dibromoethane

Concen: 20.371 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017303.D

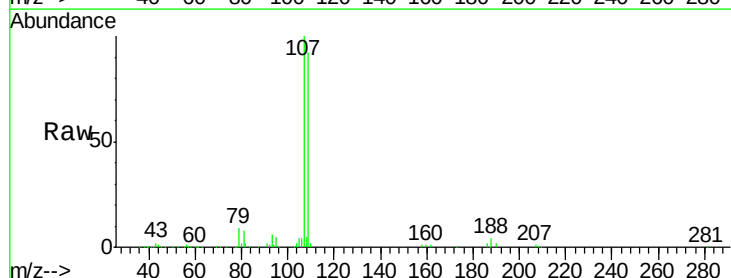
Acq: 09 Jul 2020 13:21

Tgt Ion:107 Resp: 79402

Ion Ratio Lower Upper

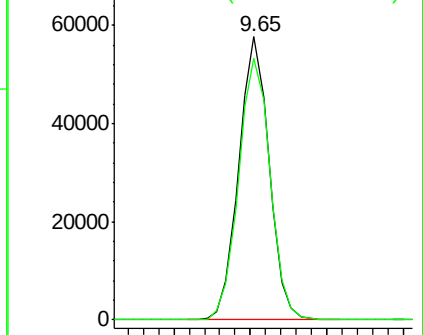
107 100

109 96.0 76.9 115.3

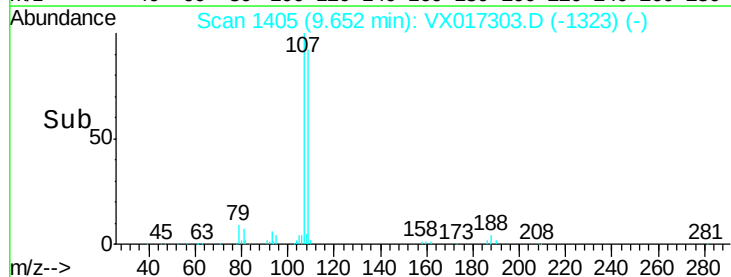


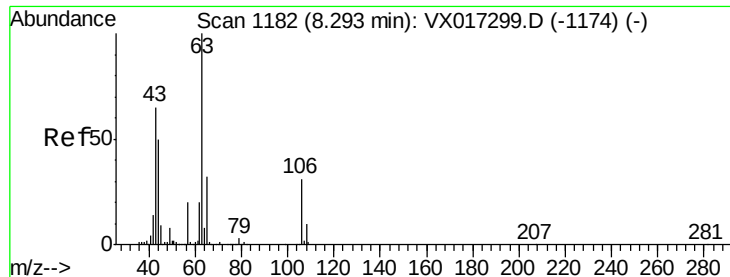
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





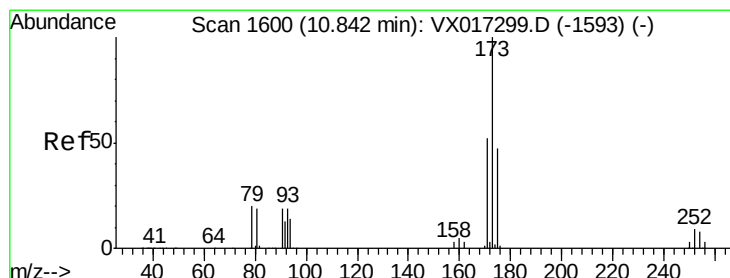
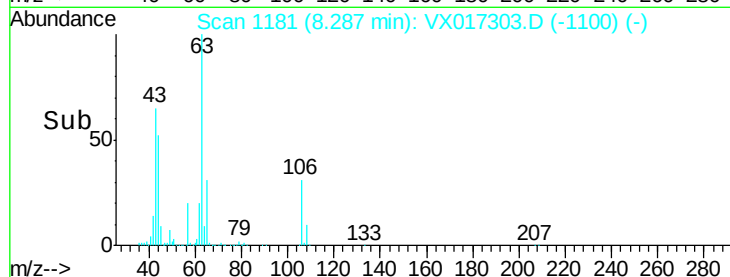
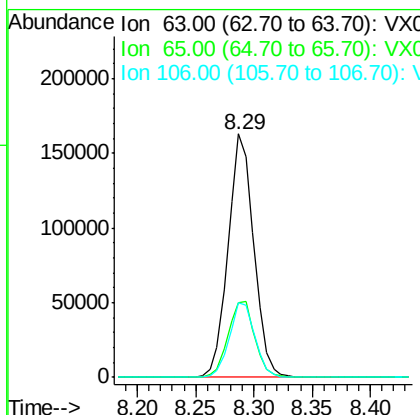
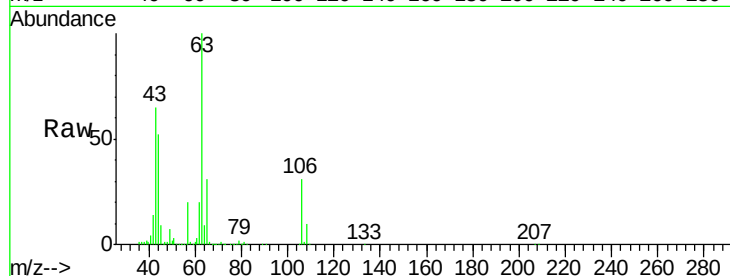
#55
2-Chloroethyl vinyl ether
Concen: 99.367 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.4	38.0
106	30.6	24.5	36.7

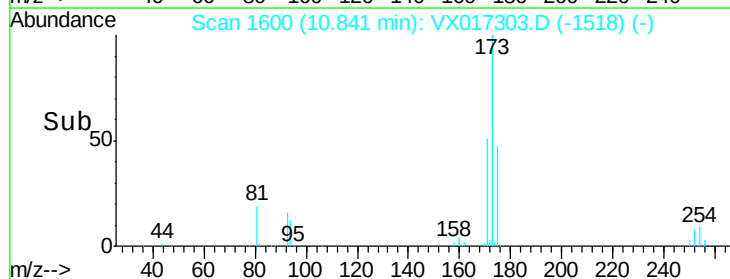
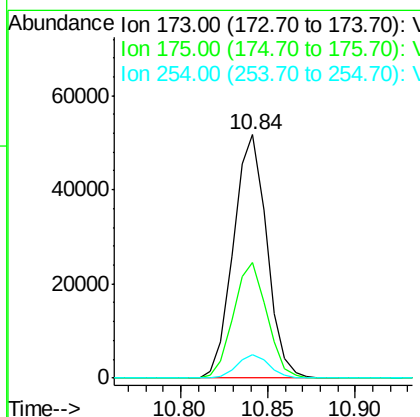
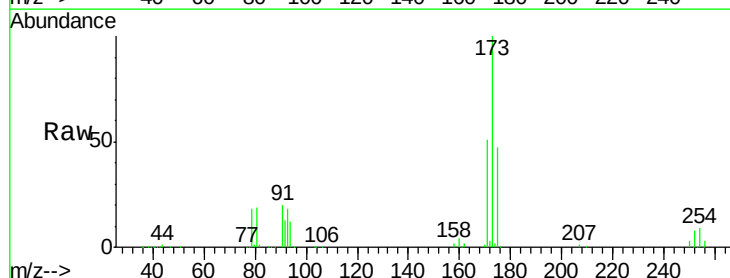
Manual Integrations
APPROVED

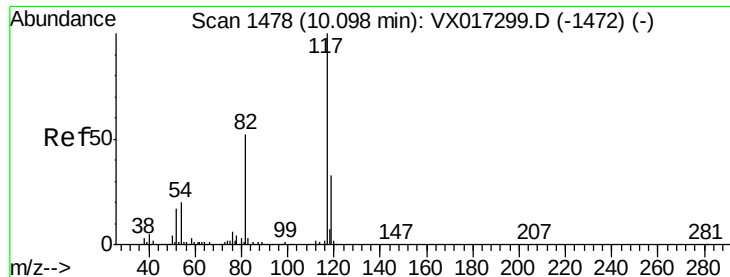
MMDadoda
7/10/2020 12:36:41 PM



#56
Bromoform
Concen: 19.825 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	38.4	57.6
254	9.1	7.0	10.4





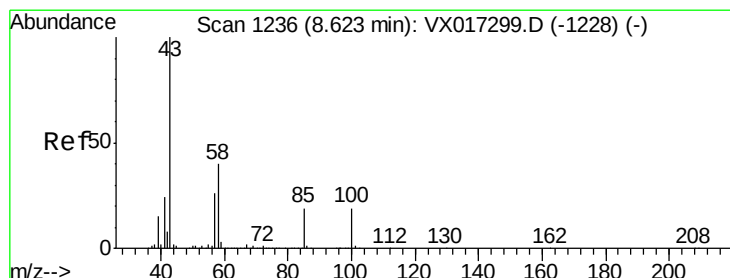
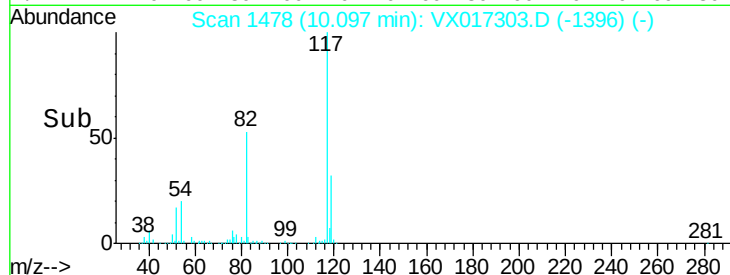
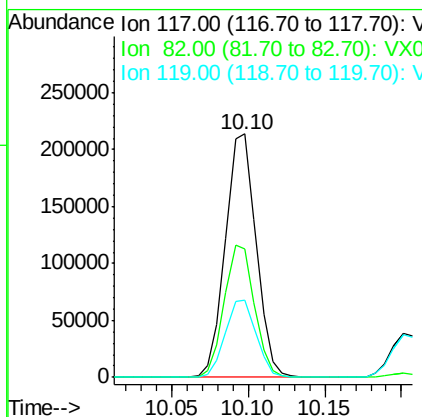
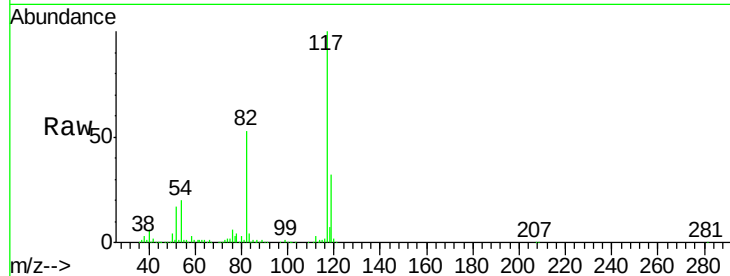
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298714		
82	53.6		42.2	63.4
119	32.0		26.4	39.6

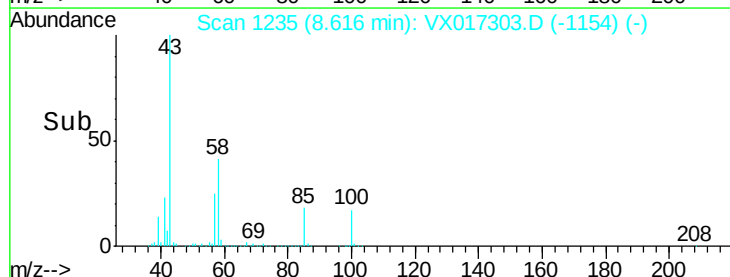
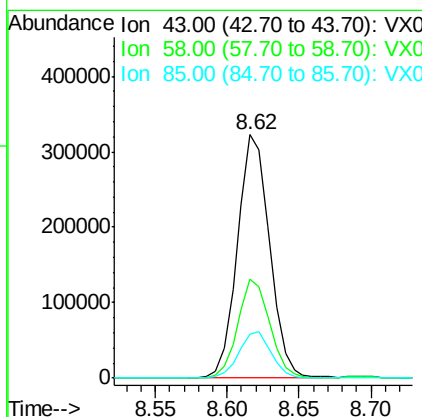
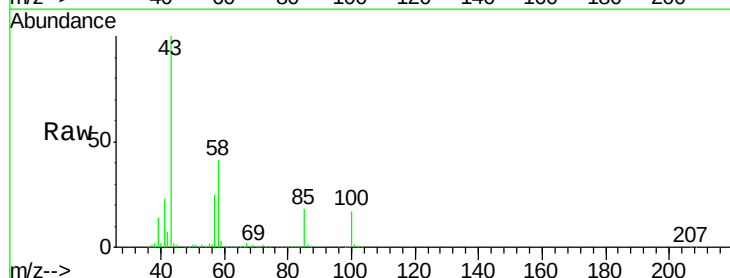
Manual Integrations
APPROVED

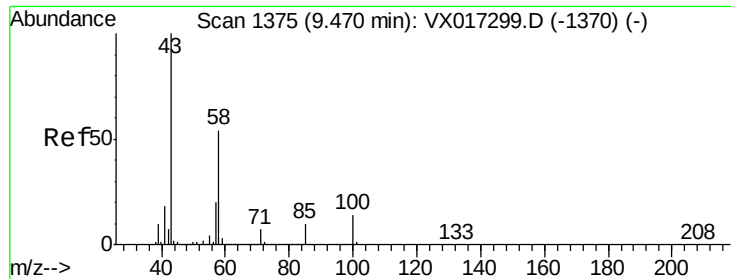
MMDadoda
7/10/2020 12:36:41 PM



#58
4-Methyl-2-Pentanone
Concen: 106.110 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	502236		
58	40.1		32.2	48.2
85	19.0		14.8	22.2





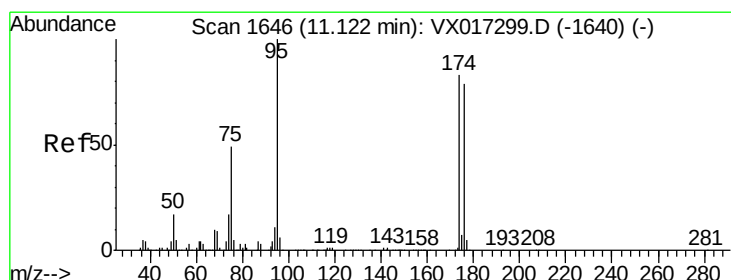
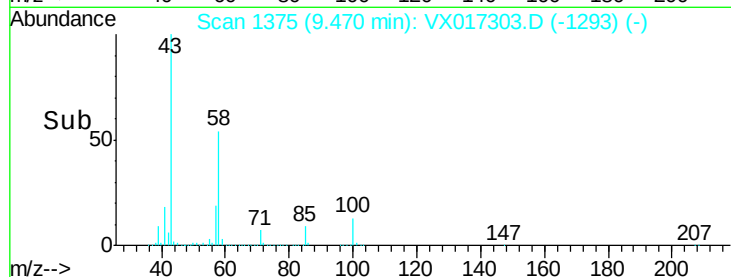
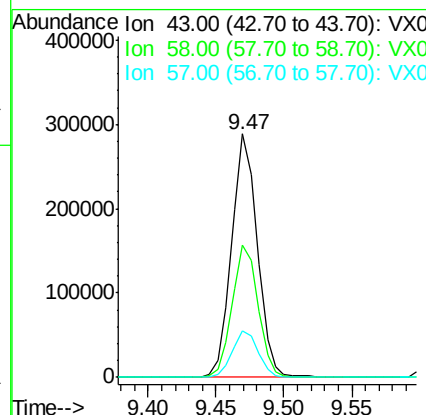
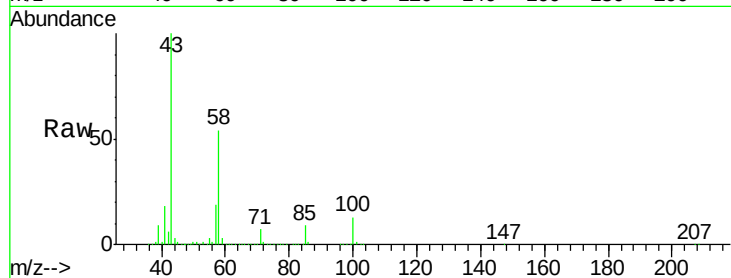
#59
2-Hexanone
Concen: 104.760 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Resp	Lower	Upper
43	100	377990		
58	55.1		43.4	65.0
57	19.4		15.1	22.7

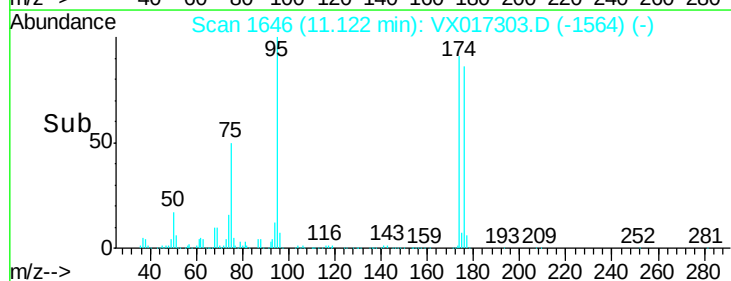
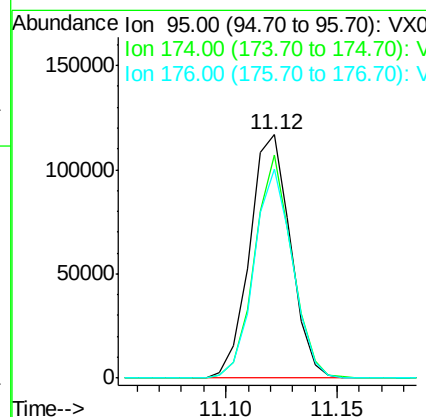
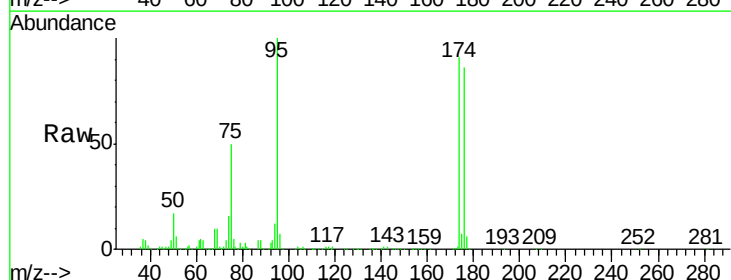
Manual Integrations
APPROVED

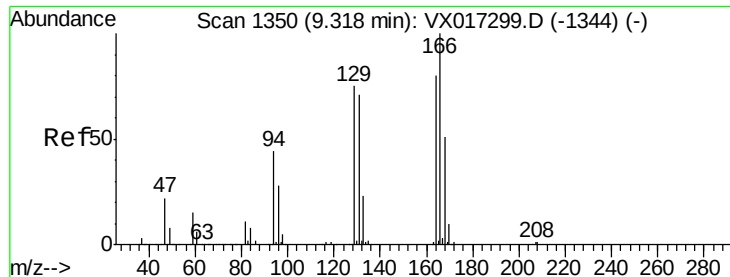
MMDadoda
7/10/2020 12:36:41 PM



#60
4-Bromofluorobenzene
Concen: 29.312 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	149377		
174	83.8		66.9	100.3
176	81.5		65.5	98.3





#61

Tetrachloroethene

Concen: 22.583 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion:164 Resp: 85934

Ion Ratio Lower Upper

164 100

166 123.3 99.8 149.6

129 95.4 74.4 111.6

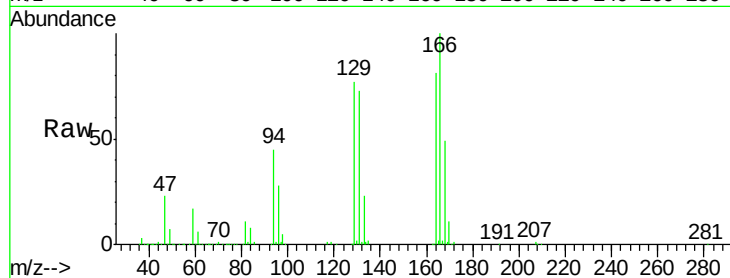
131 90.2 70.6 105.8

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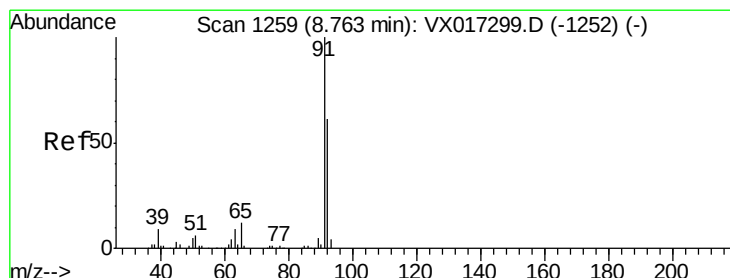
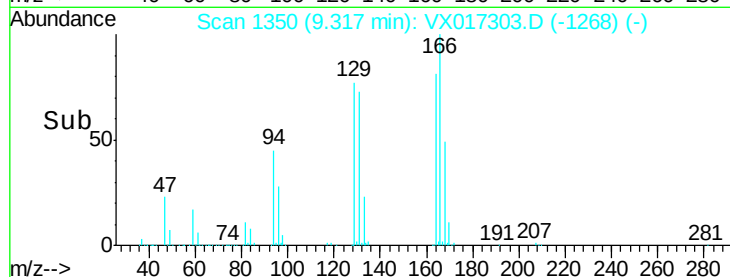
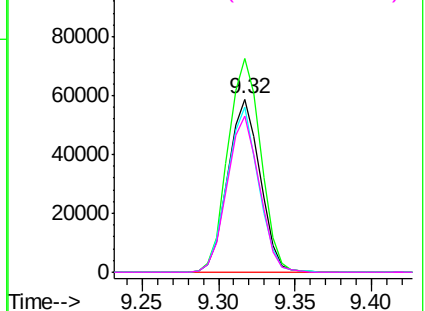


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.813 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017303.D

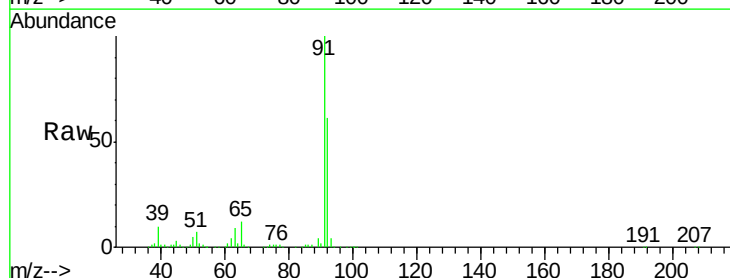
Acq: 09 Jul 2020 13:21

Tgt Ion: 91 Resp: 308459

Ion Ratio Lower Upper

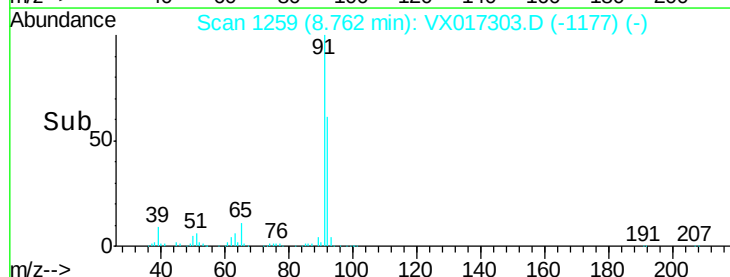
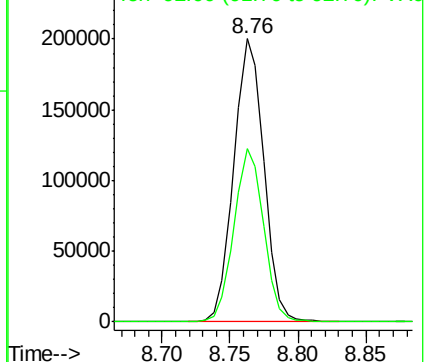
91 100

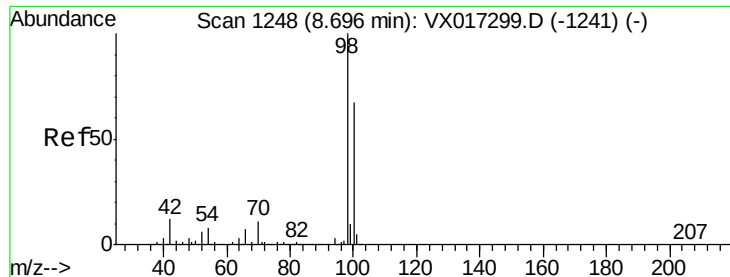
92 60.2 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





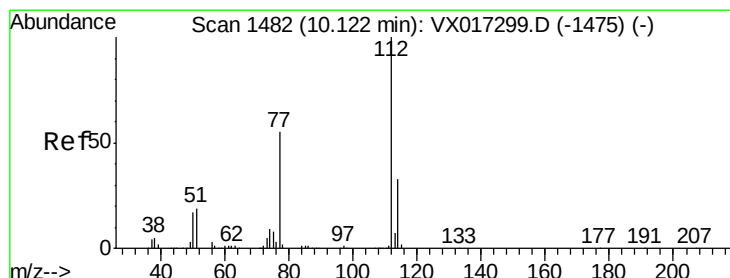
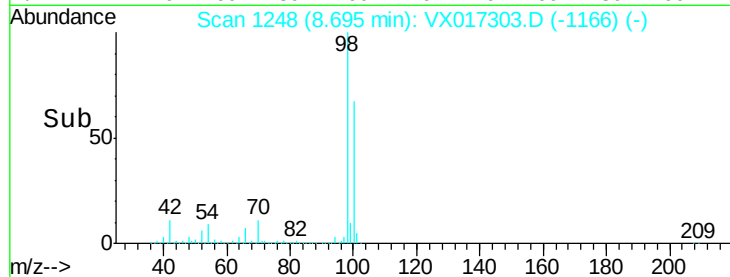
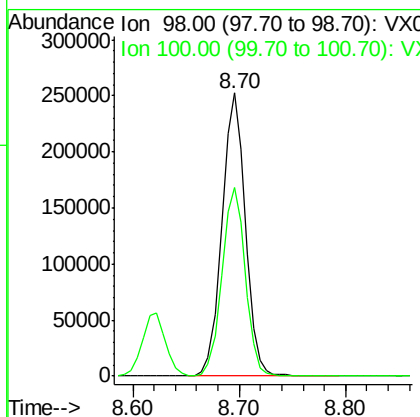
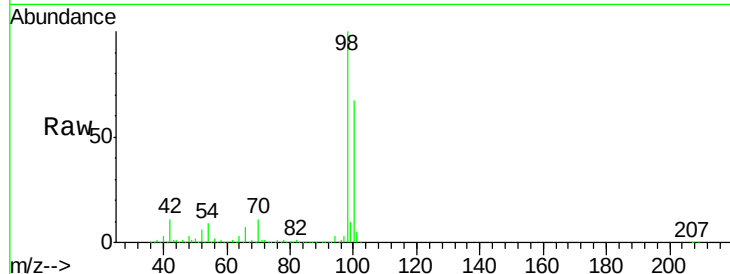
#63
Toluene-d8
Concen: 30.601 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		386661		
100	66.5	52.8	79.2		

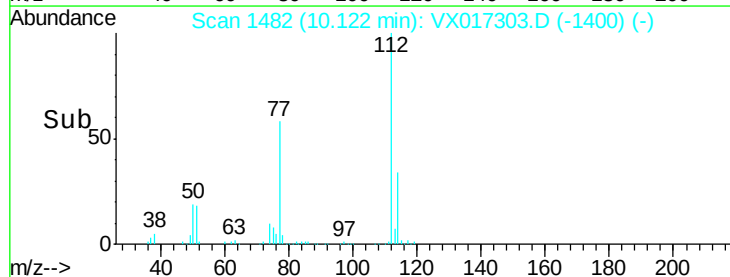
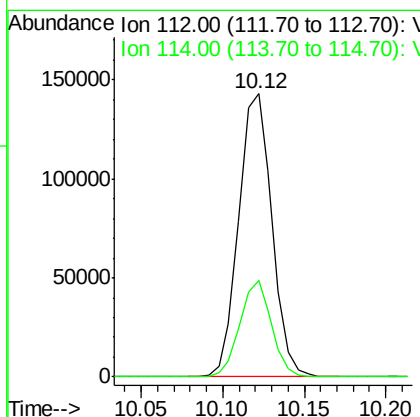
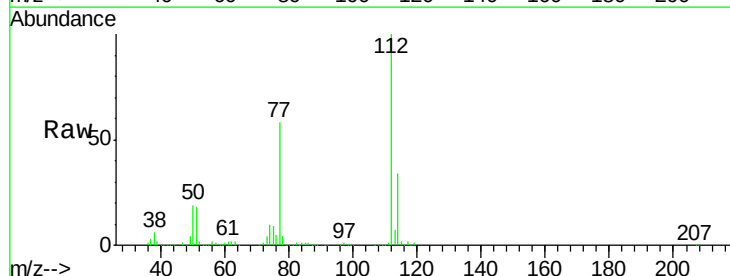
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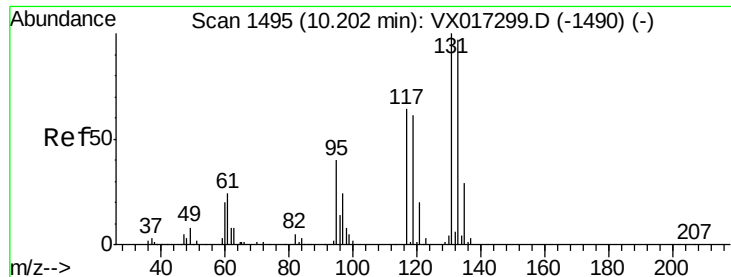
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#64
Chlorobenzene
Concen: 21.572 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
112	100		203529		
114	34.1	26.2	39.2		





#65

1,1,1,2-Tetrachloroethane

Concen: 21.170 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

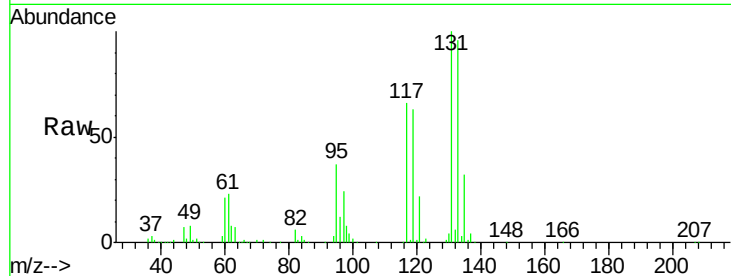
ClientSampleId :

ICVVX070920

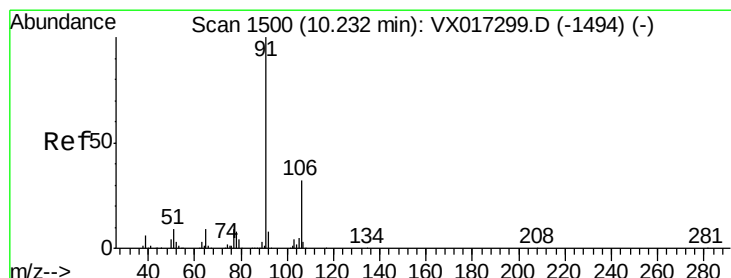
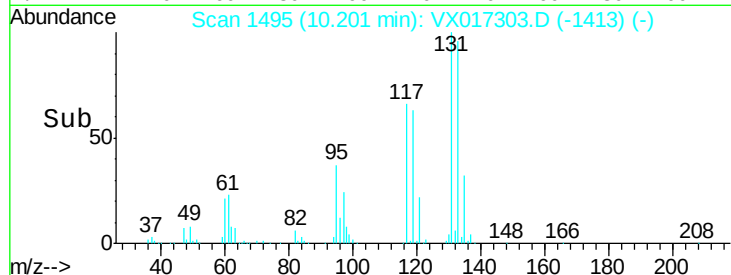
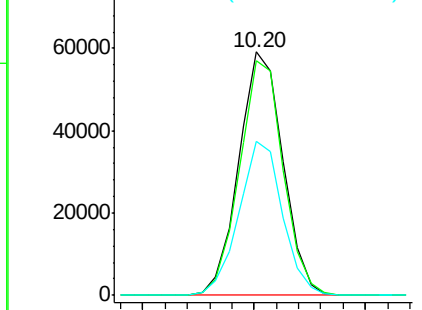
Tot Ion:	131	Resp:	81609
Ion Ratio	Lower	Upper	
131	100		
133	95.9	0.0	196.8
119	62.7	0.0	126.0

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.874 ug/l

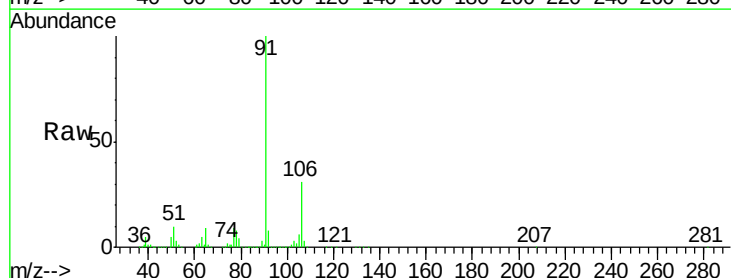
RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

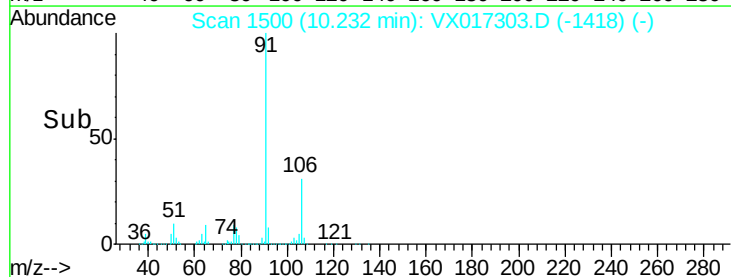
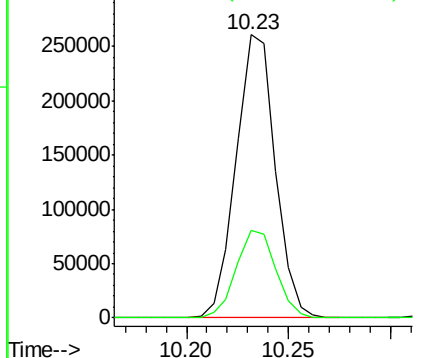
Lab File: VX017303.D

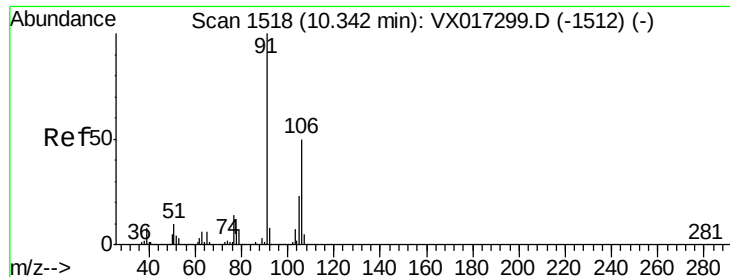
Acq: 09 Jul 2020 13:21

Tgt Ion:	91	Resp:	348104
Ion Ratio	Lower	Upper	
91	100		
106	30.9	25.2	37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 43.915 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion:106 Resp: 269985

Ion Ratio Lower Upper

106 100

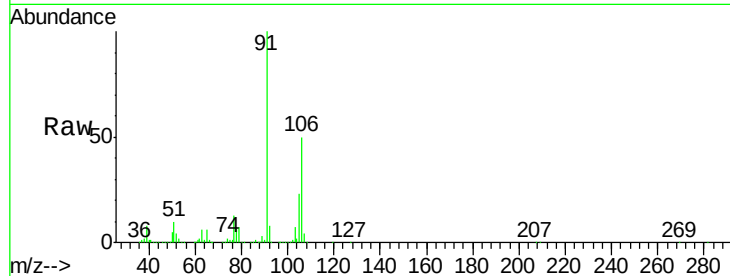
91 203.0 159.7 239.5

Manual Integrations

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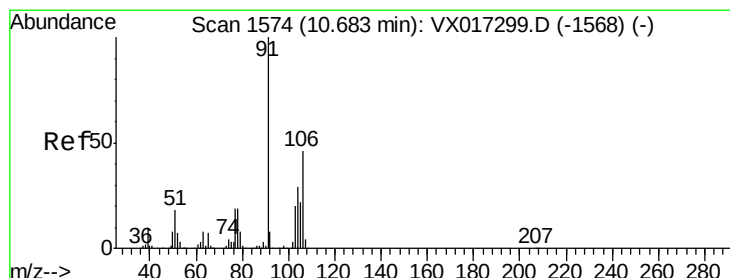
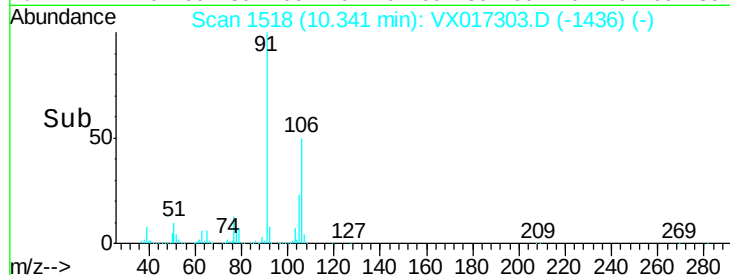
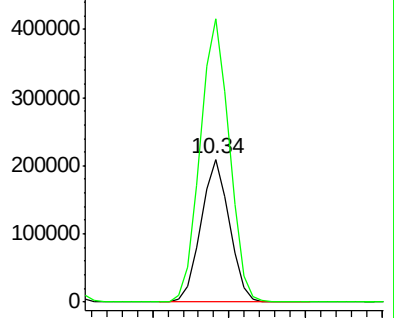
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.416 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017303.D

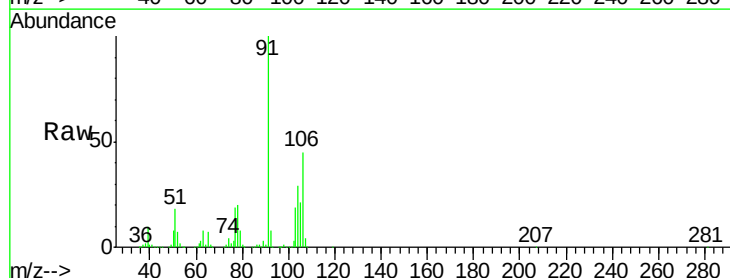
Acq: 09 Jul 2020 13:21

Tgt Ion:106 Resp: 125118

Ion Ratio Lower Upper

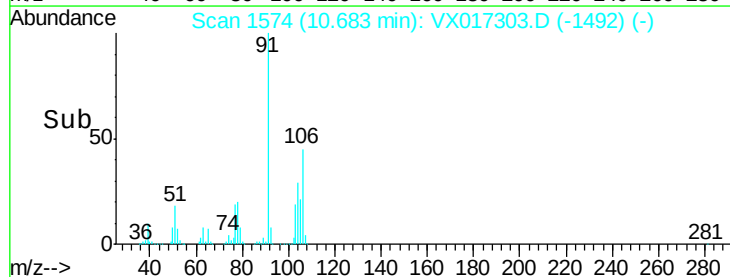
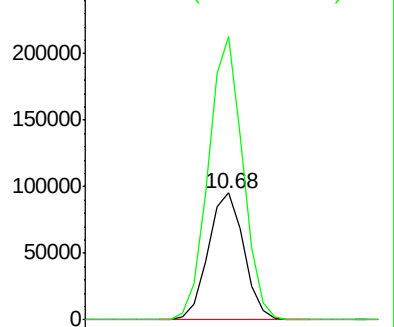
106 100

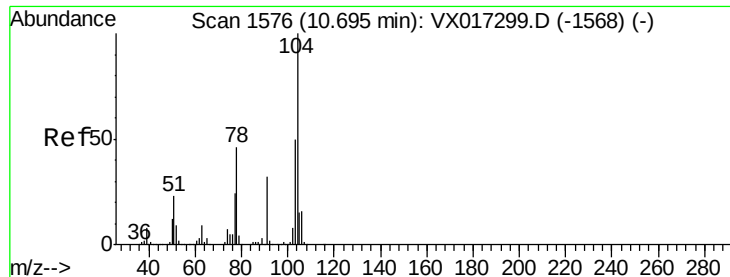
91 215.3 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





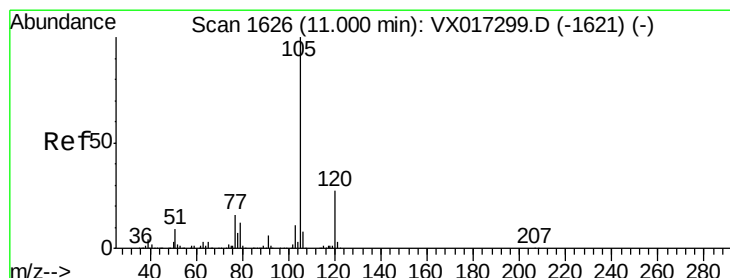
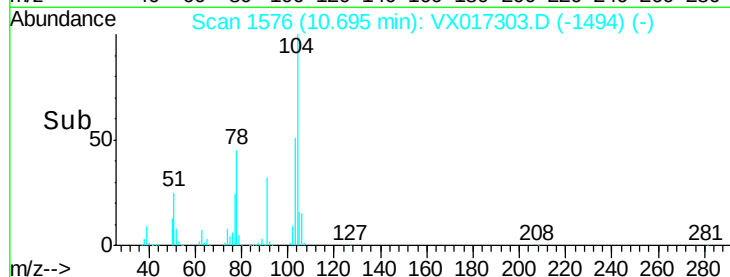
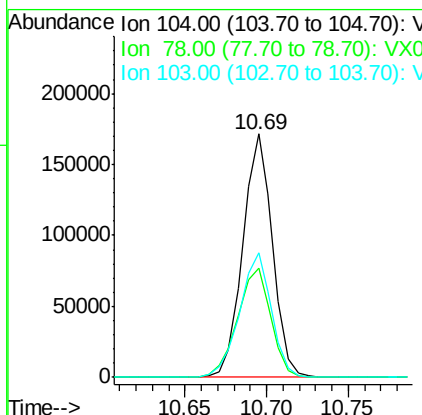
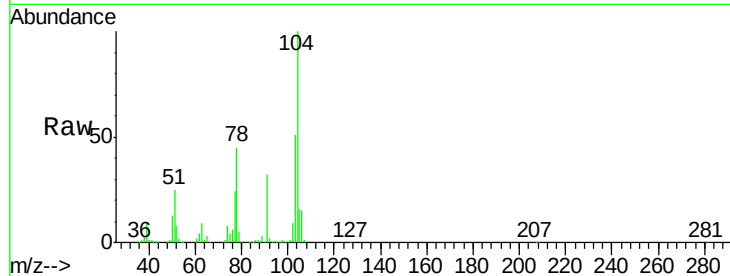
#69
Stvrene
Concen: 20.964 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.8	61.2
103	54.9	44.3	66.5

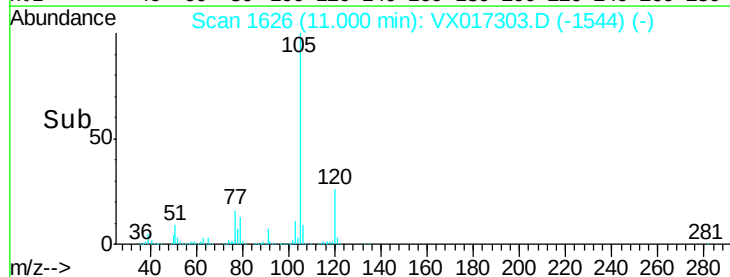
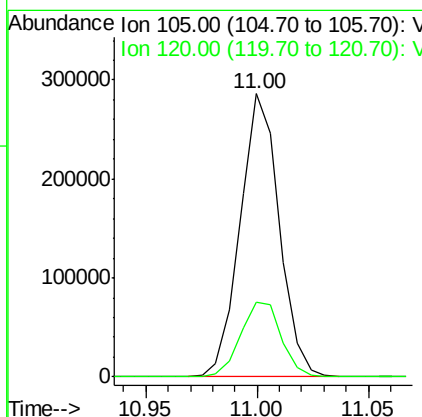
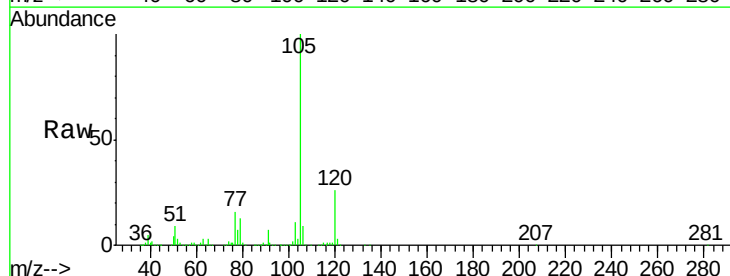
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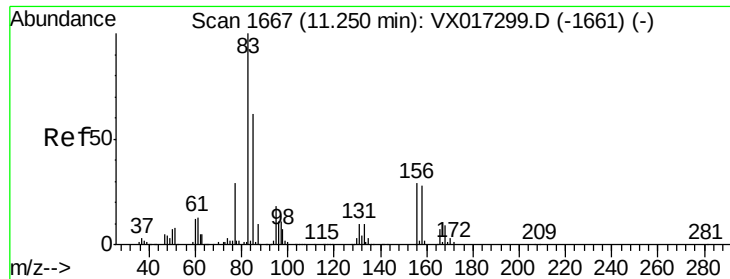
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#70
Isopropylbenzene
Concen: 21.808 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.3	35.8





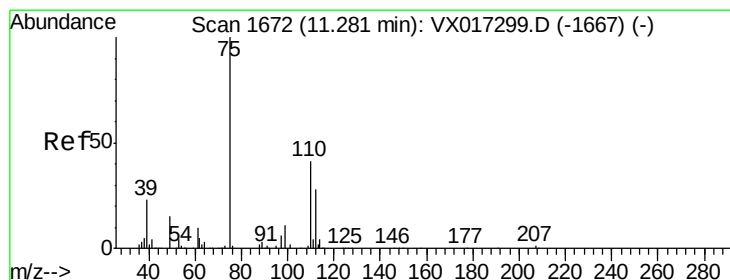
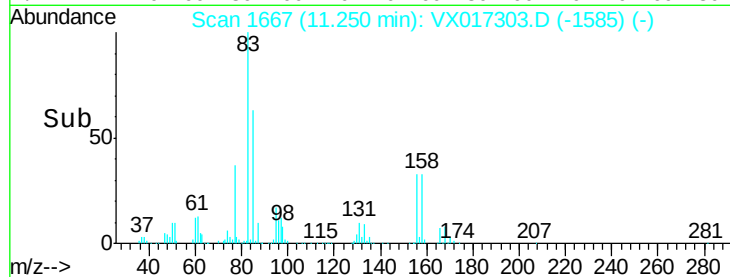
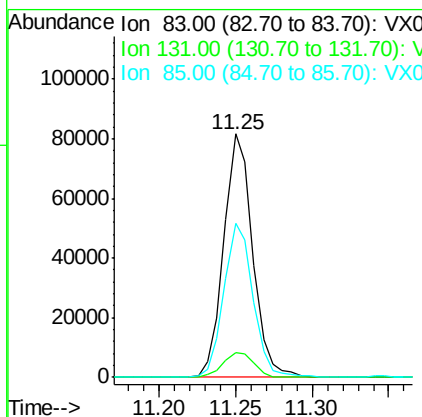
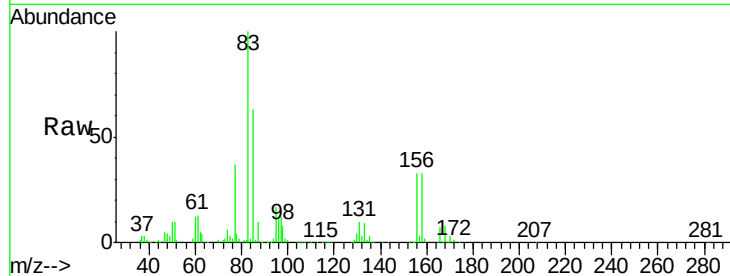
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.278 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.5
85	64.3	31.5	94.5

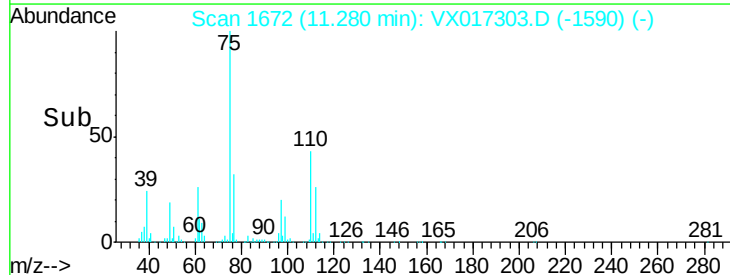
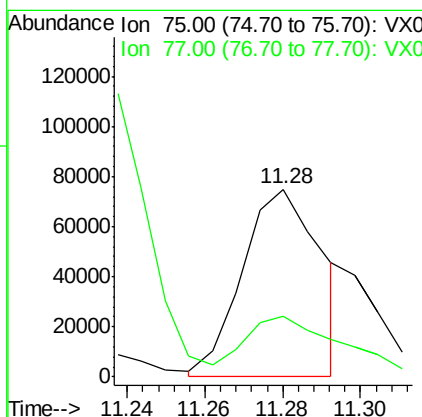
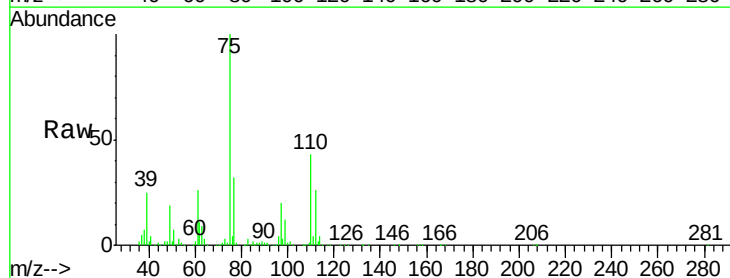
Manual Integrations
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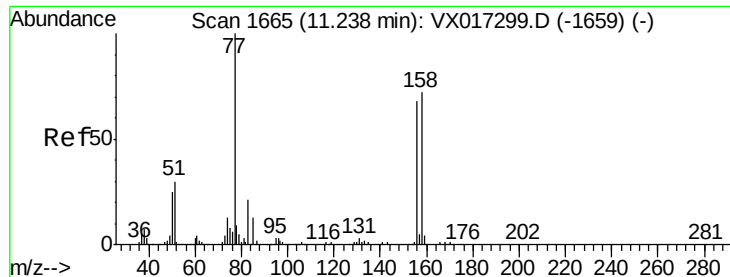
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#72
 1,2,3-Trichloropropane
 Concen: 21.436 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.1	0.0	72.2





#73

Bromobenzene

Concen: 21.453 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

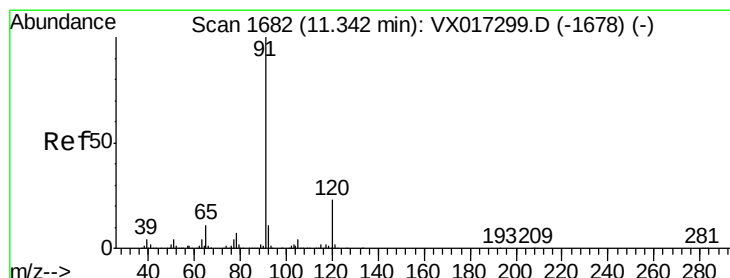
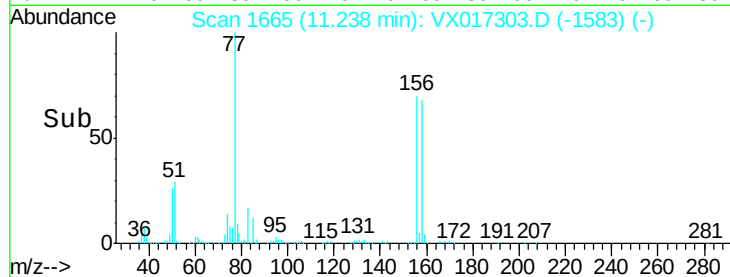
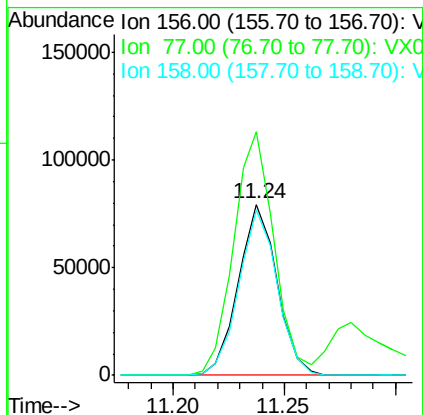
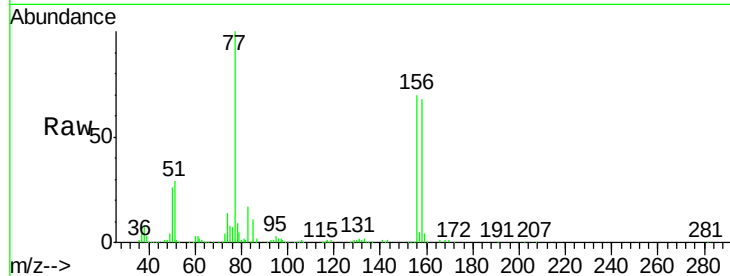
ClientSampleId :

ICVVX070920

Tot Ion:	156	Resp:	96592
Ion Ratio	Lower	Upper	
156	100		
77	147.9	0.0	299.2
158	96.4	0.0	199.0

Manual Integrations
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#74

n-propylbenzene

Concen: 21.748 ug/l

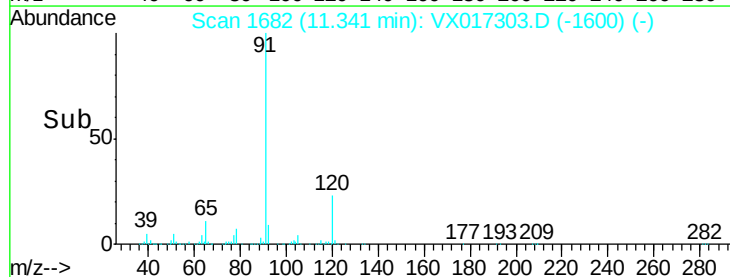
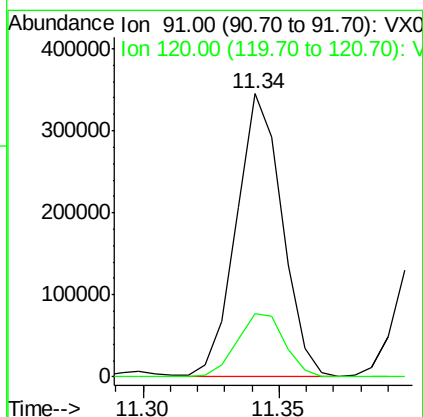
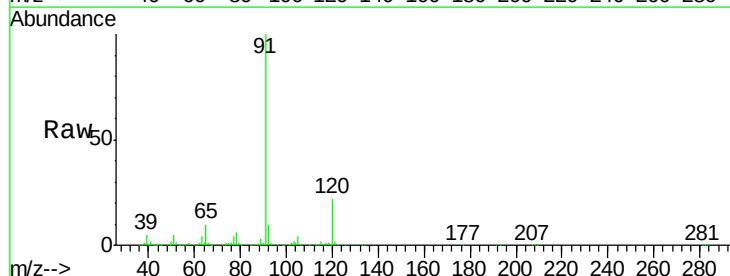
RT: 11.34 min Scan# 1682

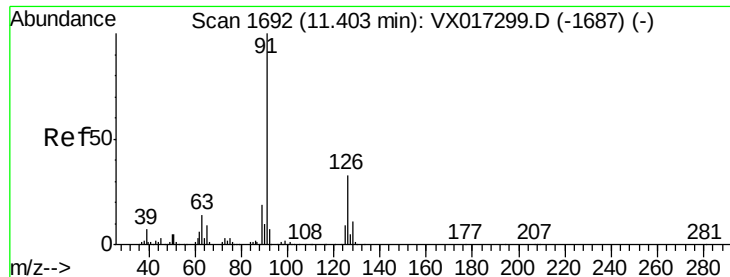
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion:	91	Resp:	403760
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	48.4





#75

2-Chlorotoluene

Concen: 21.663 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070920

Tot Ion: 91 Resp: 245170

Ion Ratio Lower Upper

91 100

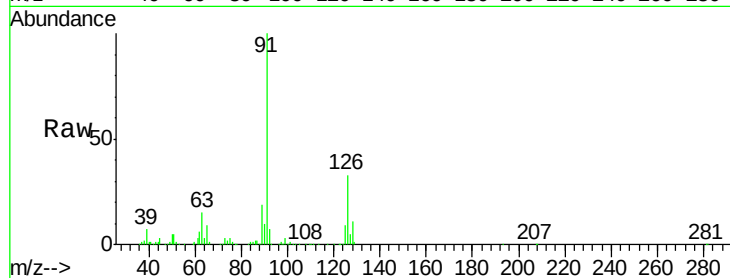
126 34.4 0.0 68.4

Manual Integrations

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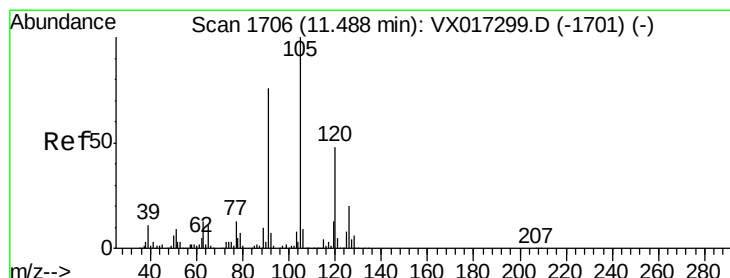
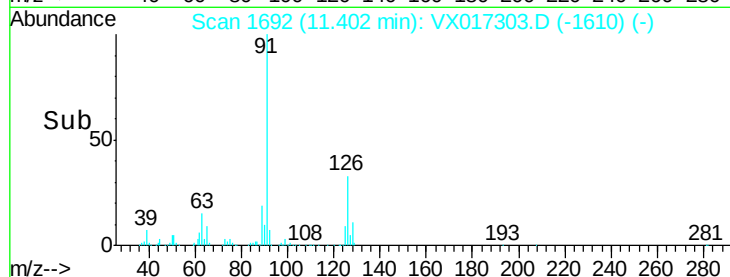
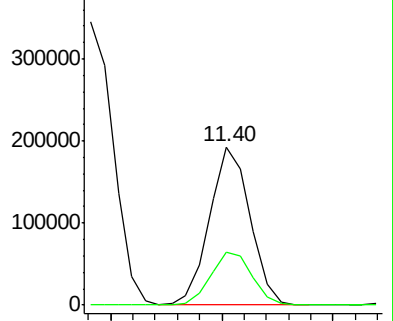
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.774 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017303.D

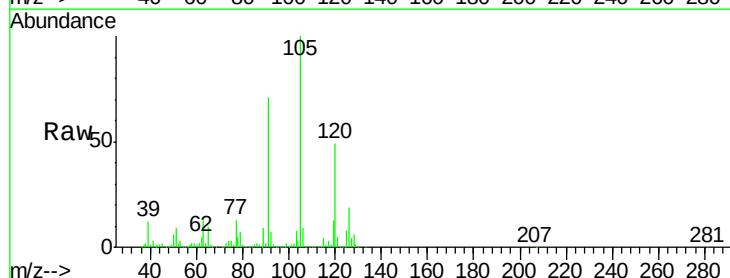
Acq: 09 Jul 2020 13:21

Tgt Ion: 105 Resp: 299369

Ion Ratio Lower Upper

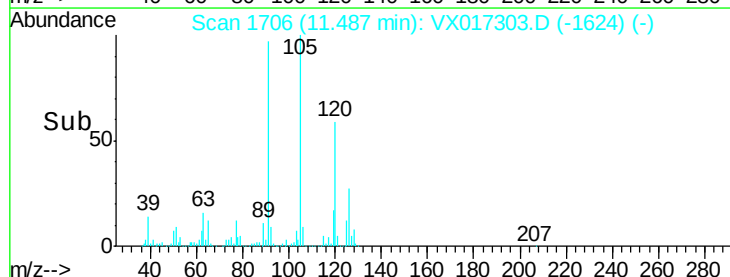
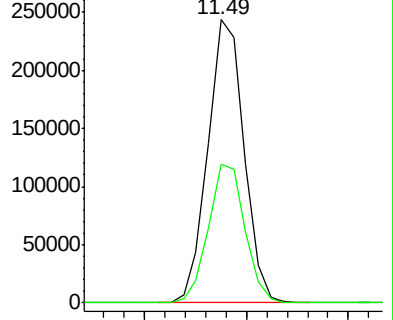
105 100

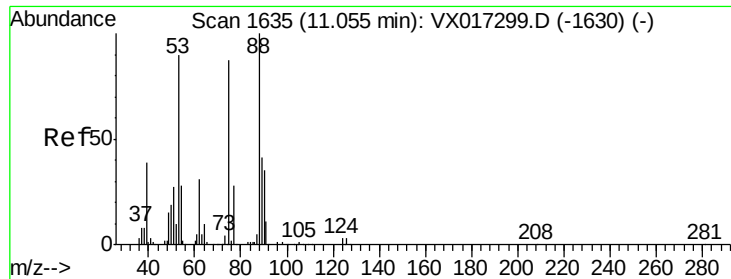
120 49.5 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





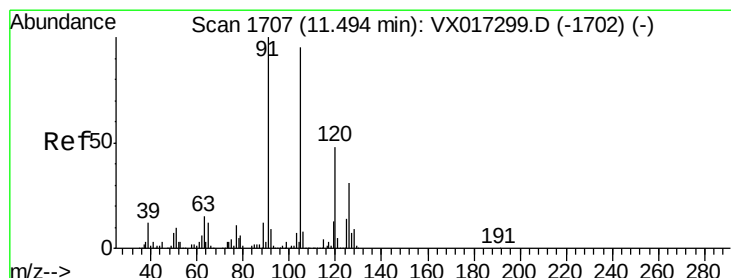
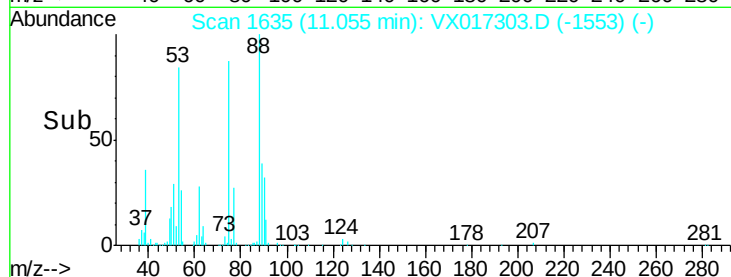
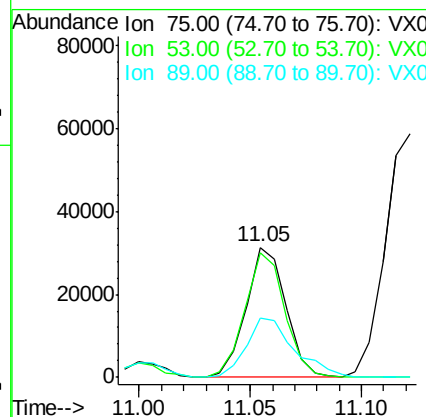
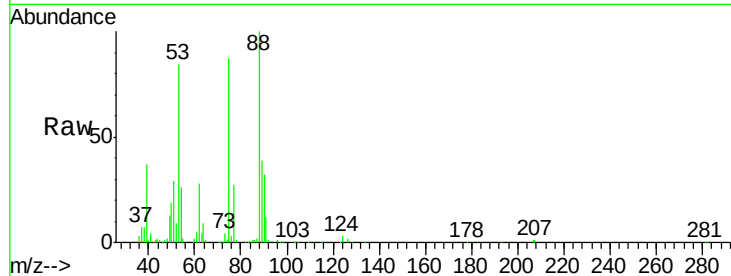
#77
t-1,4-Dichloro-2-butene
Concen: 20.880 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	52.1	156.3
89	44.7	23.7	71.1

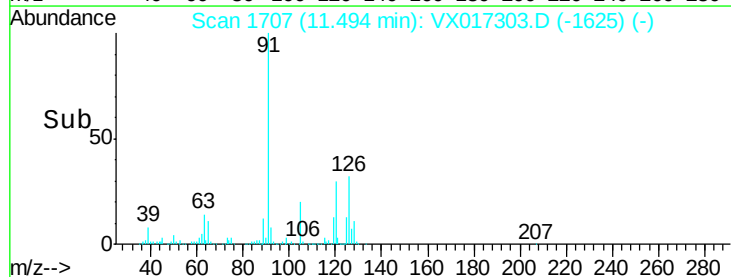
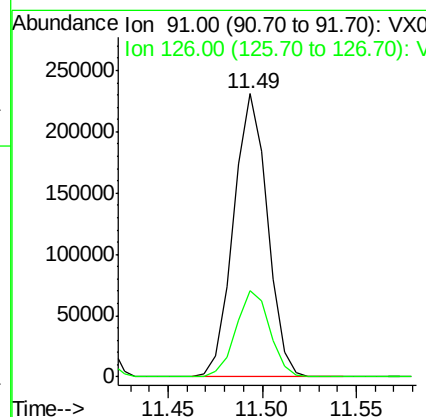
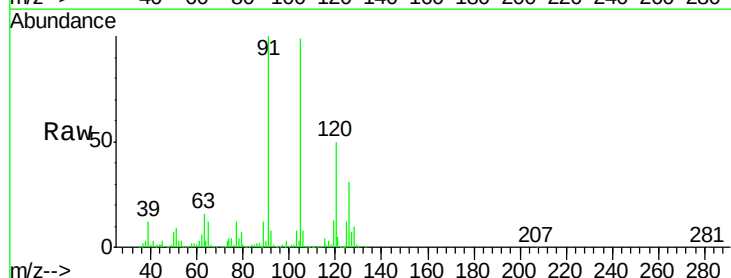
Manual Integrations
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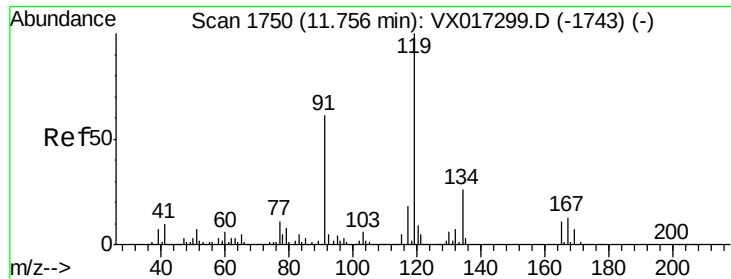
MMDadoda
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#78
4-Chlorotoluene
Concen: 21.472 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	61.2





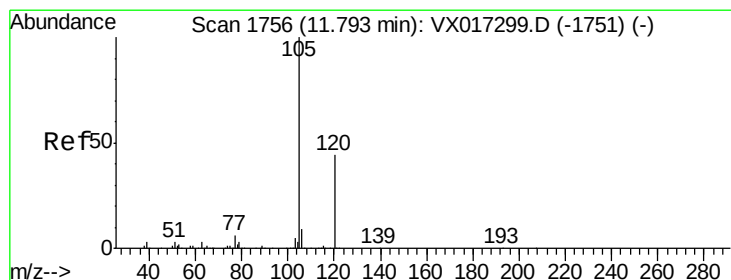
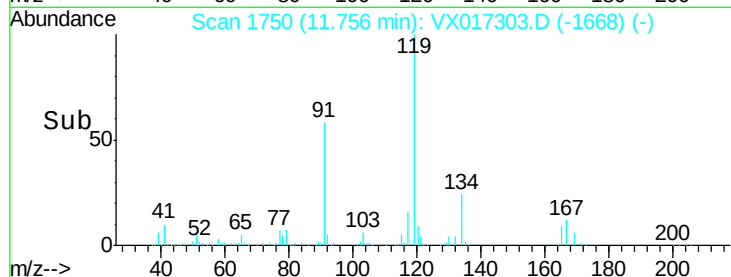
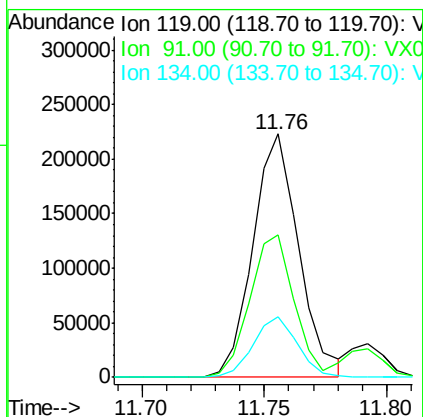
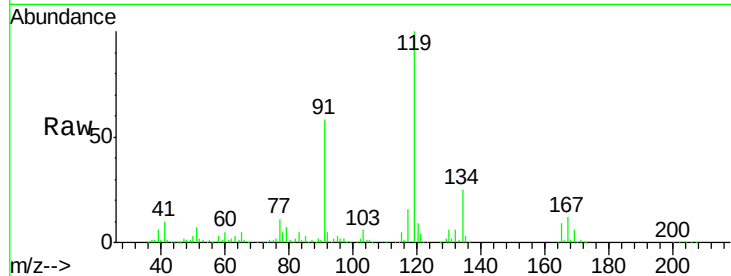
#79
tert-butylbenzene
Concen: 21.792 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Resp	Lower	Upper
119	100	290740		
91	56.3		0.0	113.6
134	23.7		0.0	48.0

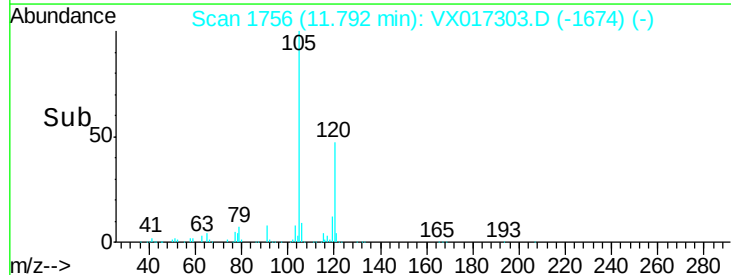
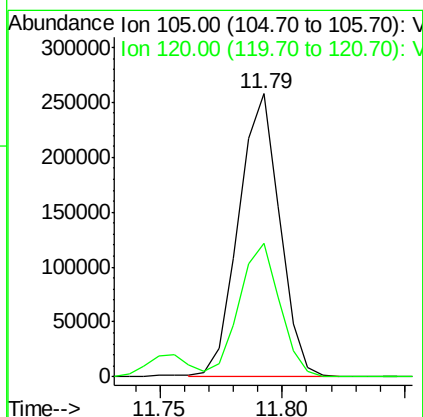
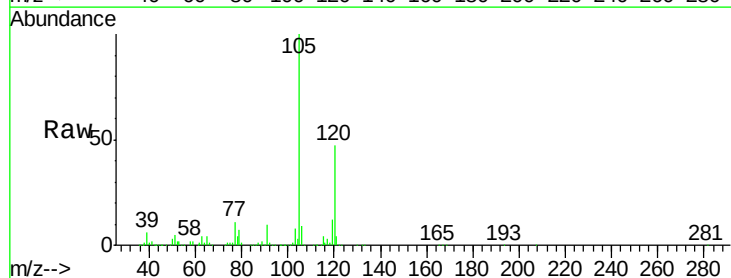
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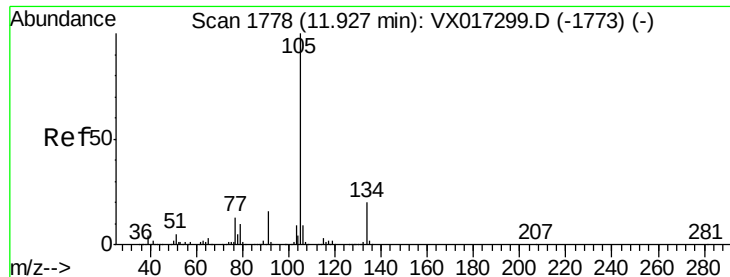
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#80
1,2,4-Trimethylbenzene
Concen: 21.807 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302487		
120	46.7		0.0	93.6





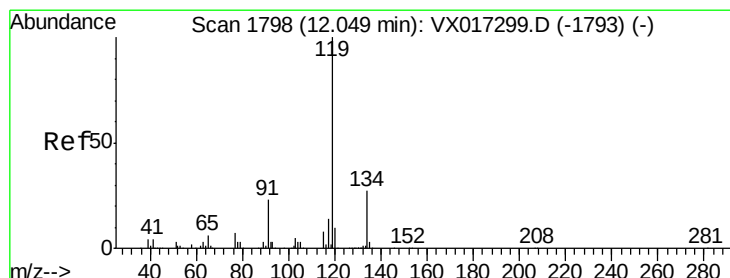
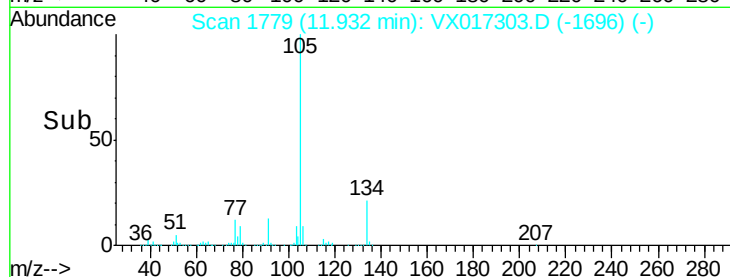
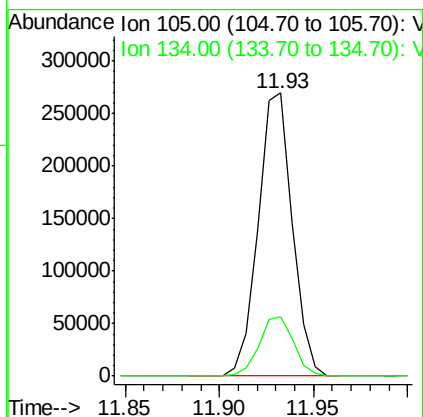
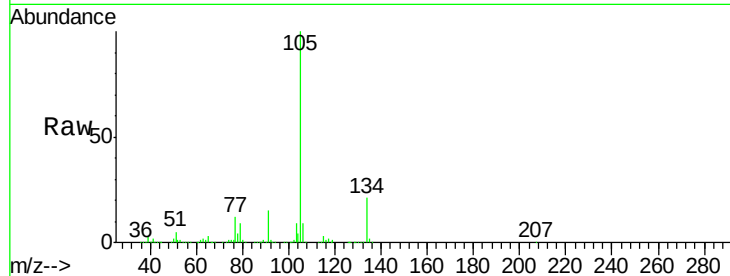
#81
 sec-Butylbenzene
 Concen: 22.005 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Resp	Lower	Upper
105	100	338394		
134	21.0	0.0	41.8	

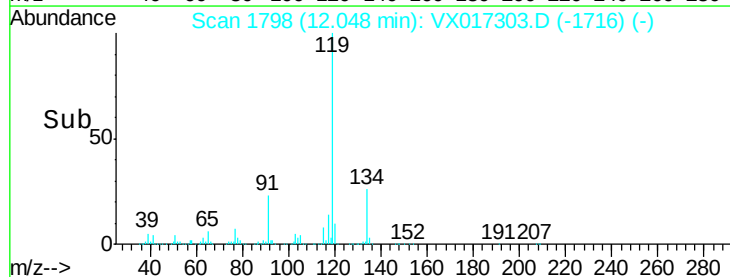
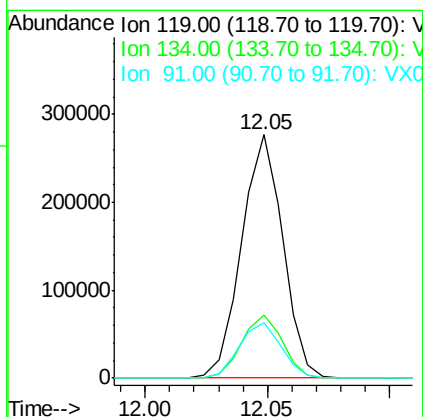
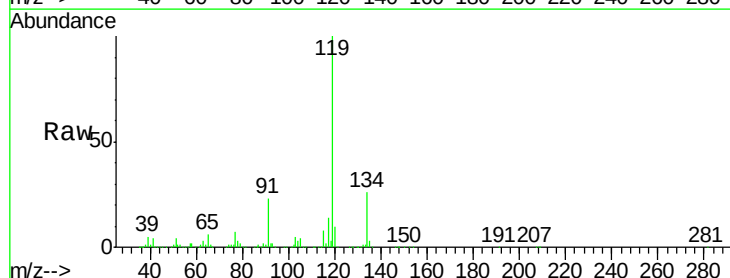
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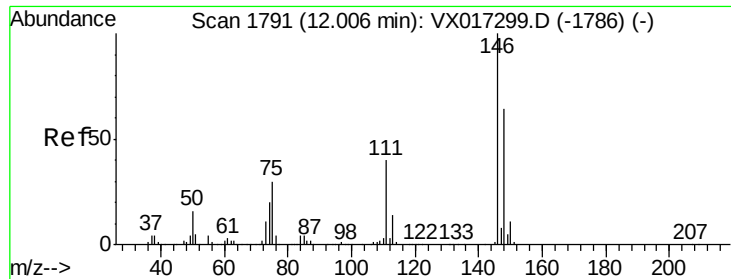
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#82
 p-Isopropyltoluene
 Concen: 22.209 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	322949		
134	26.2	0.0	53.6	
91	23.5	0.0	48.0	





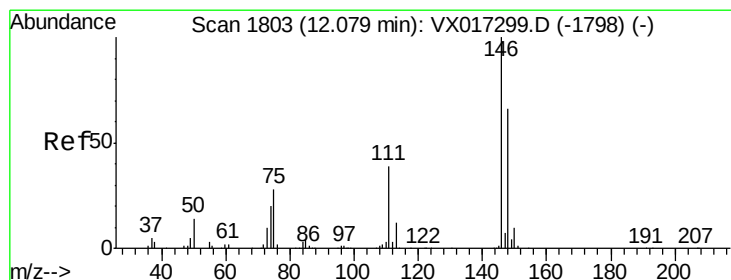
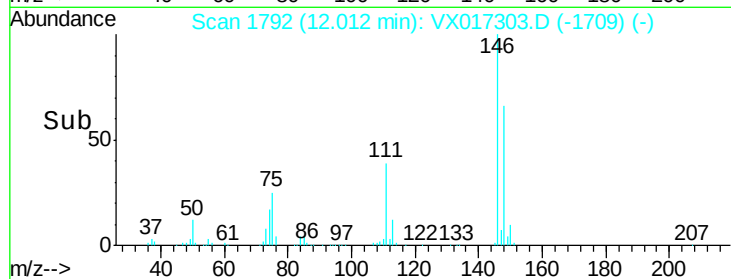
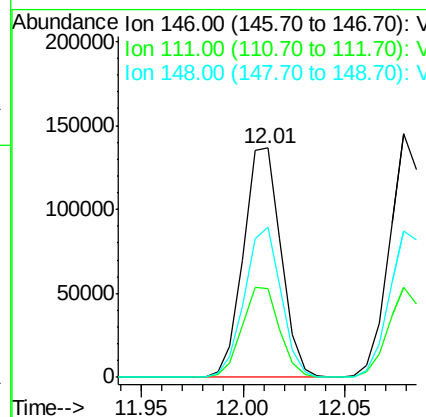
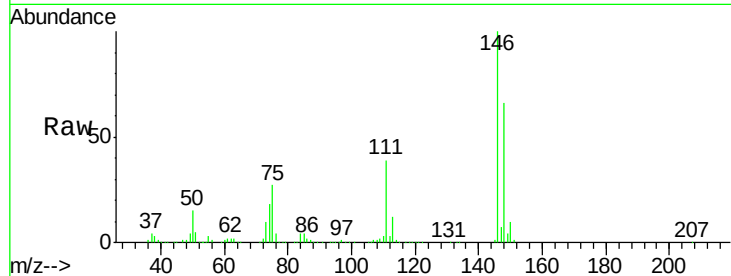
#83
 1,3-Dichlorobenzene
 Concen: 21.528 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	63.8	31.8	95.3

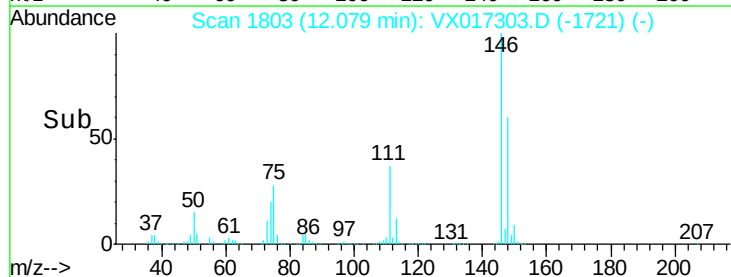
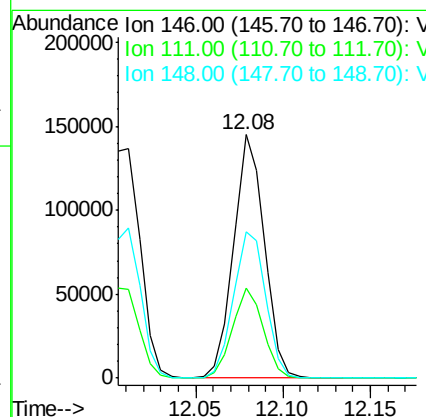
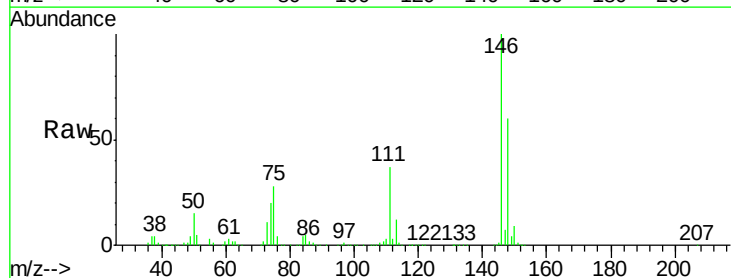
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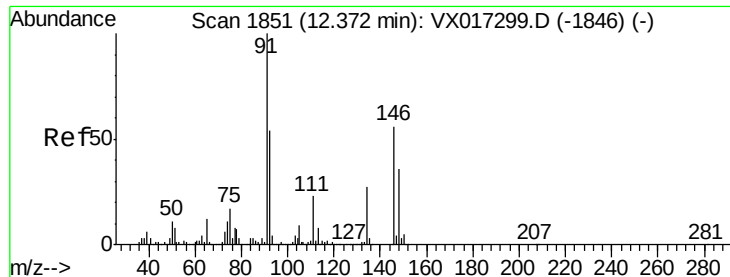
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#84
 1,4-Dichlorobenzene
 Concen: 21.660 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.3
148	63.0	32.6	97.8





#85

n-Butylbenzene

Concen: 22.234 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Instrument :

MSVOA_X

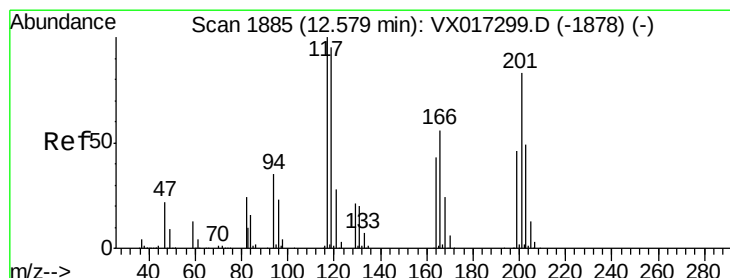
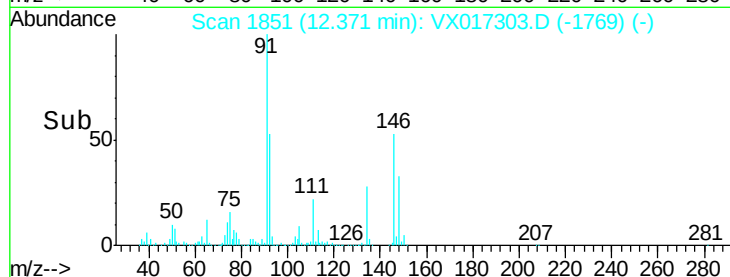
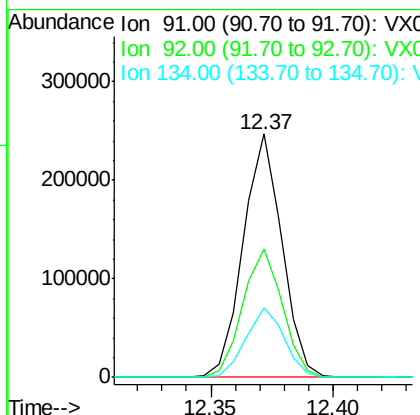
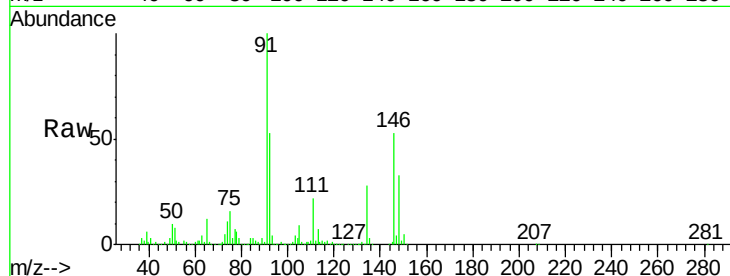
ClientSampleId :

ICVVX070920

Tot Ion:	91	Resp:	273182
Ion	Ratio	Lower	Upper
91	100		
92	53.8	0.0	108.2
134	28.3	0.0	54.2

Manual Integrations
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#86

Hexachloroethane

Concen: 21.480 ug/l

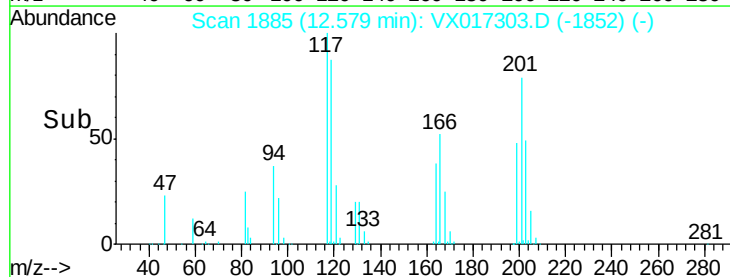
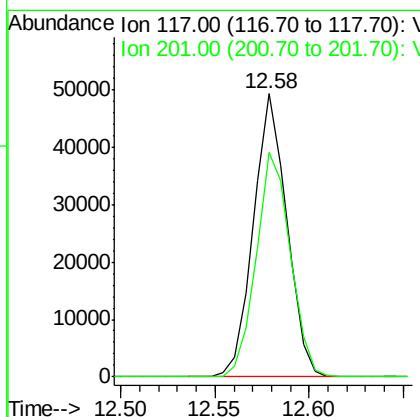
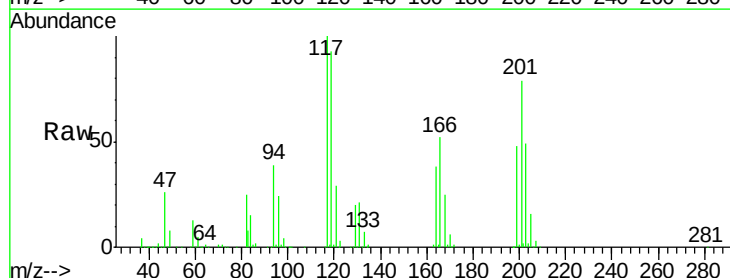
RT: 12.58 min Scan# 1885

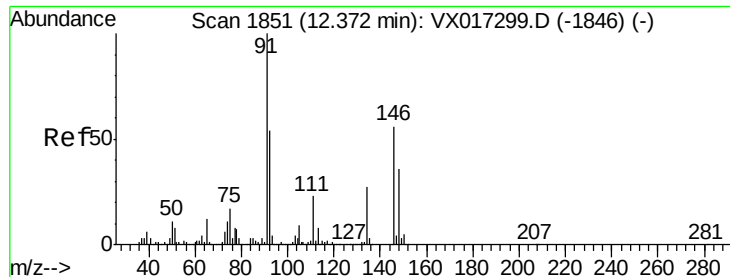
Delta R.T. -0.00 min

Lab File: VX017303.D

Acq: 09 Jul 2020 13:21

Tgt Ion:	117	Resp:	60426
Ion	Ratio	Lower	Upper
117	100		
201	81.0	41.0	123.0





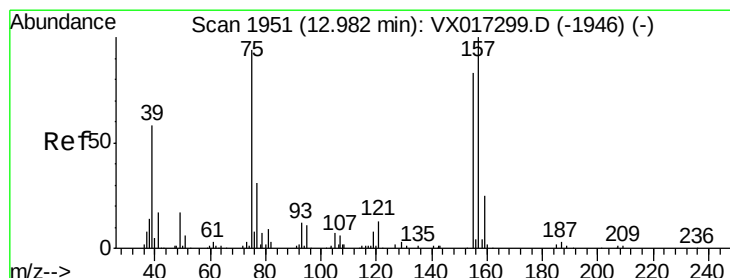
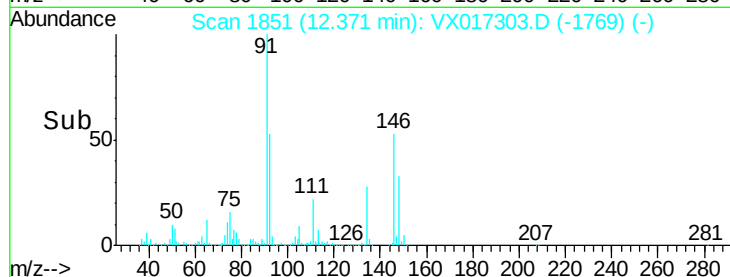
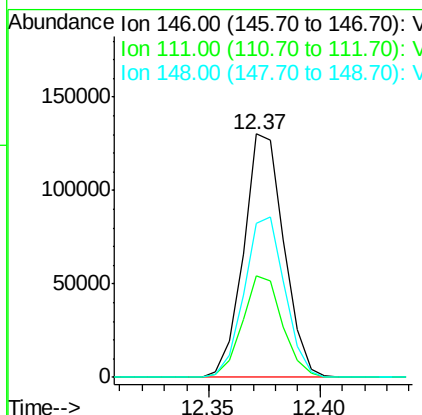
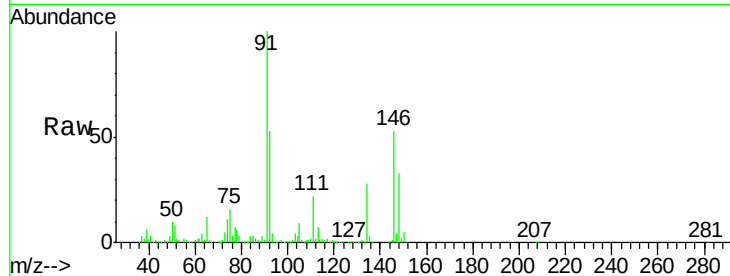
#87
 1,2-Dichlorobenzene
 Concen: 21.290 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	66.3	31.6	94.8

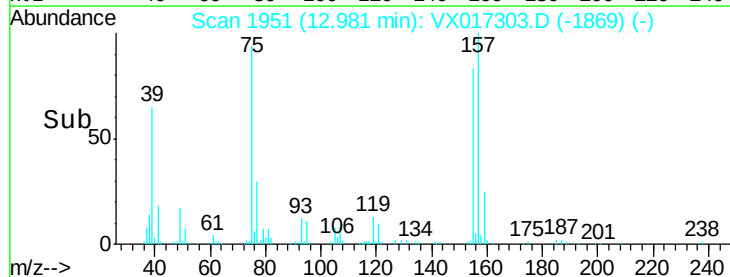
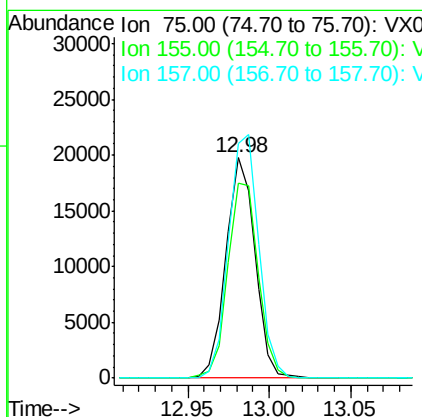
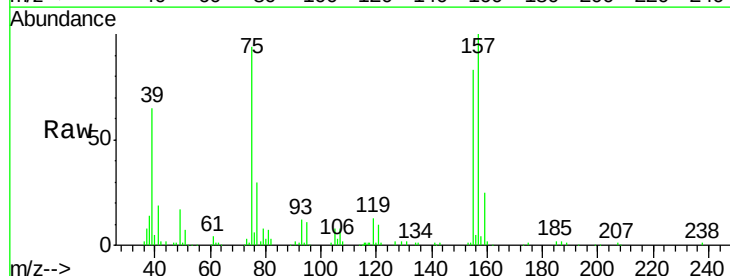
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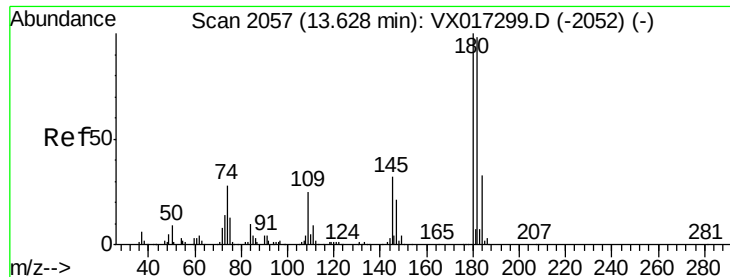
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.193 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	73.4	110.0
157	114.0	90.5	135.7





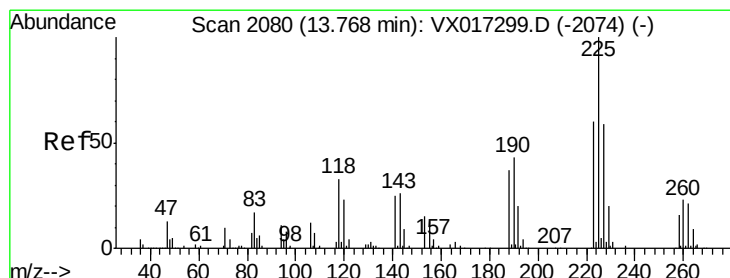
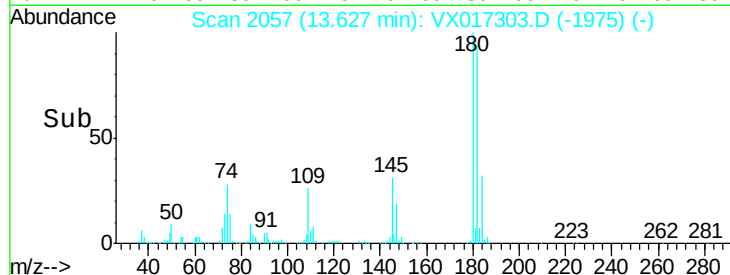
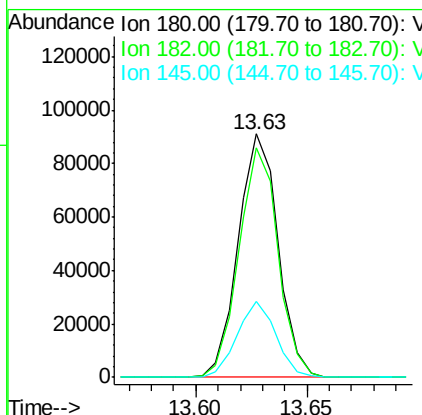
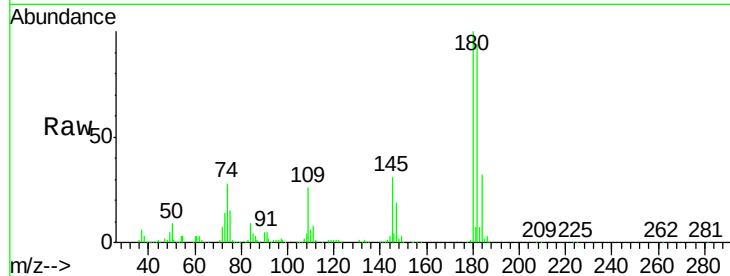
#89
 1,2,4-Trichlorobenzene
 Concen: 21.628 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070920

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.8	116.8
145	30.4	25.0	37.4

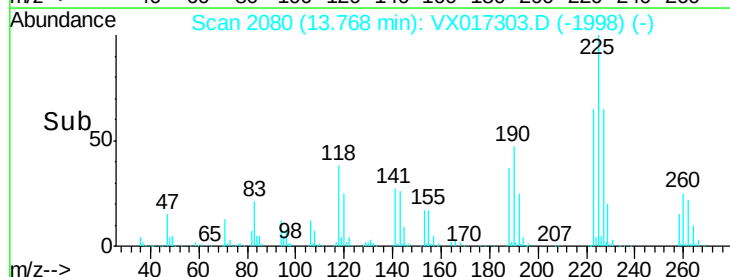
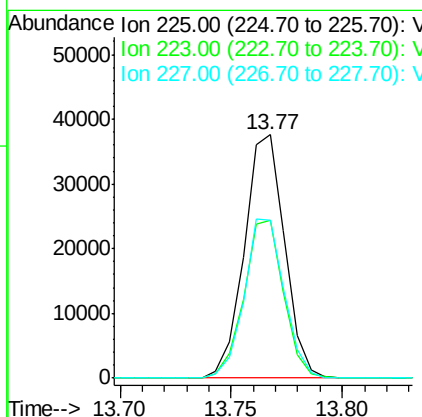
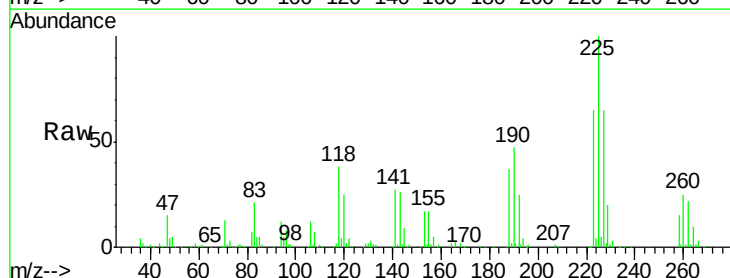
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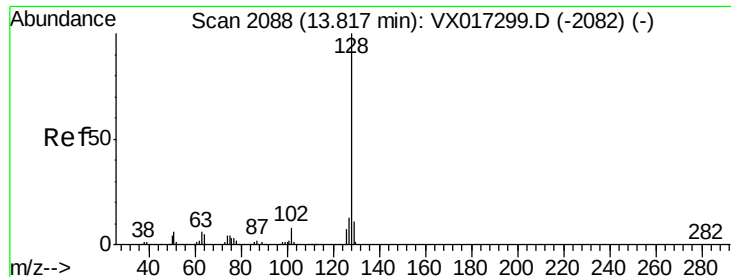
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 7/10/2020 12:36:41 PM



#90
 Hexachlorobutadiene
 Concen: 22.551 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017303.D
 Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	129.0
227	64.4	0.0	124.4





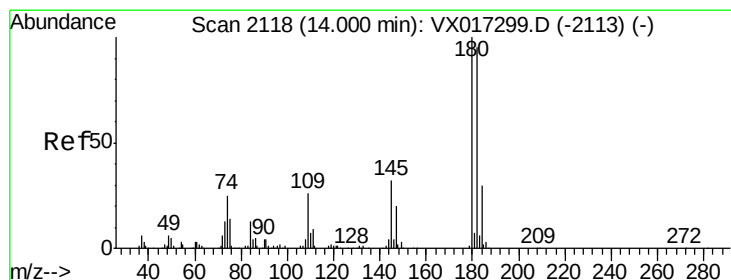
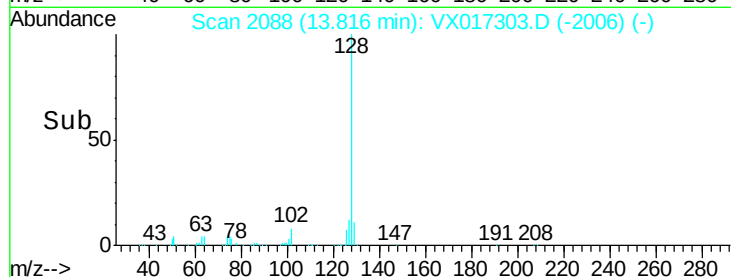
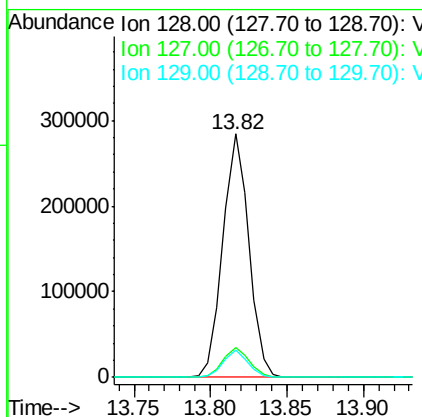
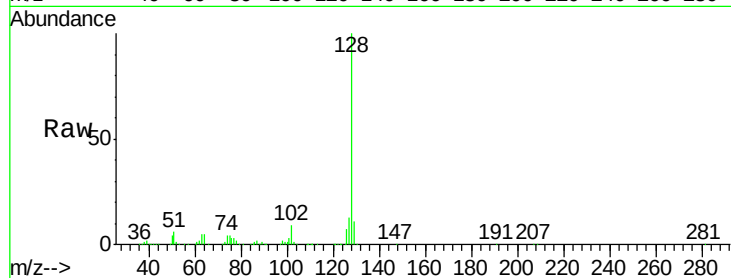
#91
Naphthalene
Concen: 20.883 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070920

Tot Ion	Ratio	Resp	Lower	Upper
128	100	336466		
127	12.4	10.3	15.5	
129	10.6	9.0	13.4	

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#92
1,2,3-Trichlorobenzene
Concen: 21.047 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017303.D
Acq: 09 Jul 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110010		
182	91.4	0.0	185.6	
145	32.9	0.0	63.0	

