

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016545.D
 Acq On : 02 Jun 2020 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:24 AM

Quant Time: Jun 03 04:20:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	356713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	553817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208821	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.46	113	169676	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.70	98	660037	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	248797	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	172432	49.120	ug/l	96
3) Chloromethane	1.31	50	197530	46.563	ug/l	100
4) Vinyl Chloride	1.39	62	221330	49.335	ug/l	98
5) Bromomethane	1.62	94	94005	43.095	ug/l	98
6) Chloroethane	1.70	64	133894	51.163	ug/l	98
7) Trichlorofluoromethane	1.91	101	287020	48.715	ug/l	99
8) Diethyl Ether	2.17	74	120859	49.195	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	165646	51.084	ug/l	99
10) Methyl Iodide	2.49	142	154296	40.449	ug/l	97
11) Tert butyl alcohol	3.01	59	247557	217.926	ug/l	100
12) 1,1-Dichloroethene	2.36	96	169100	49.267	ug/l	98
13) Acrolein	2.27	56	144581	299.199	ug/l	98
14) Allyl chloride	2.70	41	317896	50.362	ug/l	98
15) Acrylonitrile	3.11	53	568610	244.358	ug/l	99
16) Acetone	2.42	43	488305	251.594	ug/l	99
17) Carbon Disulfide	2.55	76	492928	48.360	ug/l	100
18) Methyl Acetate	2.75	43	248512	49.923	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	609403	49.444	ug/l	99
20) Methylene Chloride	2.83	84	193761	48.253	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	185618	48.891	ug/l	95
22) Diisopropyl ether	3.82	45	596419	49.185	ug/l	92
23) Vinyl Acetate	3.78	43	2645518	249.247	ug/l	99
24) 1,1-Dichloroethane	3.67	63	337542	49.318	ug/l	100
25) 2-Butanone	4.63	43	774903	235.627	ug/l	99
26) 2,2-Dichloropropane	4.55	77	300507	53.658	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	208727	47.523	ug/l	97
28) Bromochloromethane	4.98	49	151555	47.651	ug/l	98
29) Tetrahydrofuran	5.09	42	507753	238.982	ug/l	99
30) Chloroform	5.17	83	329874	47.834	ug/l	99
31) Cyclohexane	5.54	56	293706	47.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	297748	47.690	ug/l	99
36) 1,1-Dichloropropene	5.76	75	254685	48.571	ug/l	98
37) Ethyl Acetate	4.79	43	294763	46.822	ug/l	99
38) Carbon Tetrachloride	5.75	117	262973	47.722	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	290643	51.031	ug/l	98
40) Benzene	6.11	78	767899	49.177	ug/l	98
41) Methacrylonitrile	5.00	41	160638	46.455	ug/l	99
42) 1,2-Dichloroethane	6.16	62	259158	46.669	ug/l	99
43) Isopropyl Acetate	6.41	43	470630	47.927	ug/l	99
44) Trichloroethene	7.18	130	236451	47.726	ug/l	97
45) 1,2-Dichloropropane	7.49	63	197789	49.755	ug/l	99
46) Dibromomethane	7.63	93	130119	48.732	ug/l	100
47) Bromodichloromethane	7.87	83	269171	48.687	ug/l	97
48) Methyl methacrylate	7.74	41	227387	48.363	ug/l	97
49) 1,4-Dioxane	7.71	88	93081	845.955	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1476104	241.417	ug/l	99
52) Toluene	8.76	92	486096	49.366	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	319389	50.805	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	335942	50.486	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	191635	48.948	ug/l	99
56) Ethyl methacrylate	9.16	69	322623	50.598	ug/l	99
57) 1,3-Dichloropropane	9.35	76	331059	49.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	833704	250.501	ug/l	99
59) 2-Hexanone	9.47	43	1139365	239.622	ug/l	99
60) Dibromochloromethane	9.57	129	214789	48.750	ug/l	99
61) 1,2-Dibromoethane	9.65	107	205993	49.134	ug/l	100
64) Tetrachloroethene	9.32	164	261411	46.290	ug/l	98
65) Chlorobenzene	10.12	112	514690	50.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	194724	49.570	ug/l	100
67) Ethyl Benzene	10.23	91	920239	50.226	ug/l	98
68) m/p-Xylenes	10.34	106	693583	102.098	ug/l	99
69) o-Xylene	10.68	106	334262	50.807	ug/l	96
70) Styrene	10.70	104	578758	51.179	ug/l	99
71) Bromoform	10.84	173	164592	49.577	ug/l #	100
73) Isopropylbenzene	11.00	105	875548	52.001	ug/l	100
74) N-amyl acetate	10.88	43	401581	51.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	227270	53.859	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	275657m	51.609	ug/l	
77) Bromobenzene	11.24	156	223713	50.659	ug/l	98
78) n-propylbenzene	11.34	91	985373	52.384	ug/l	100
79) 2-Chlorotoluene	11.40	91	589110	51.307	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	725484	51.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	112383	51.756	ug/l	96
82) 4-Chlorotoluene	11.49	91	698264	51.498	ug/l	100
83) tert-Butylbenzene	11.76	119	629164	52.375	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	734785	51.680	ug/l	100
85) sec-Butylbenzene	11.93	105	790048	52.427	ug/l	100
86) p-Isopropyltoluene	12.05	119	749134	53.070	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391273	51.142	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	397700	50.826	ug/l	99
89) n-Butylbenzene	12.37	91	642085	54.610	ug/l	99
90) Hexachloroethane	12.58	117	125697	51.552	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	380089	51.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64199	46.970	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	259635	52.741	ug/l	100
94) Hexachlorobutadiene	13.77	225	98280	50.848	ug/l	99
95) Naphthalene	13.82	128	821572	48.682	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	251329	52.112	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 356713

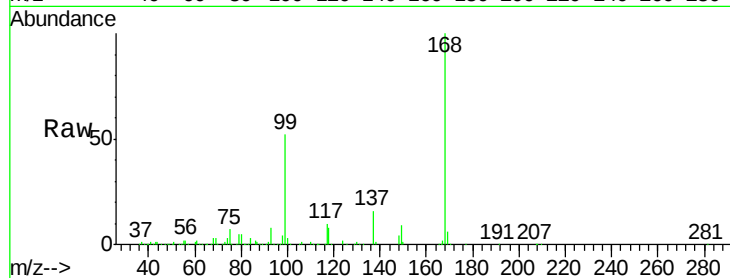
Ion Ratio Lower Upper

168 100

99 52.4 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

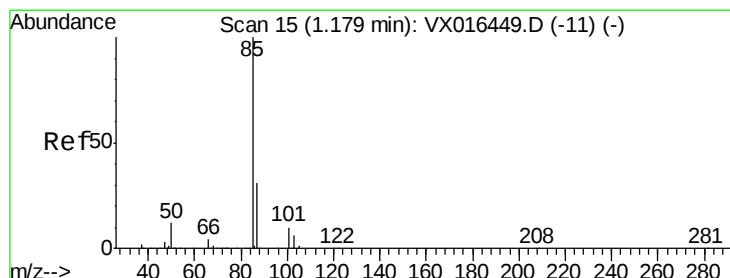
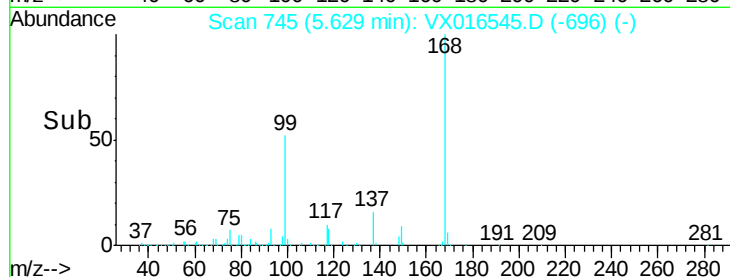
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.120 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016545.D

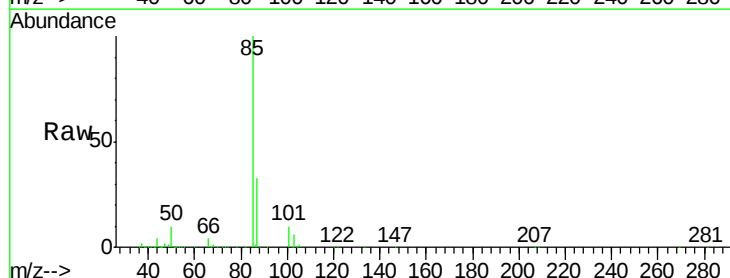
Acq: 02 Jun 2020 10:19

Tgt Ion: 85 Resp: 172432

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

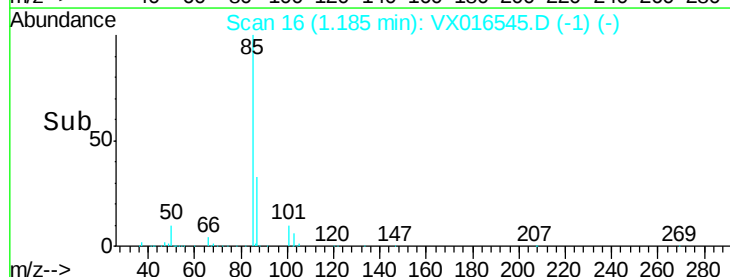
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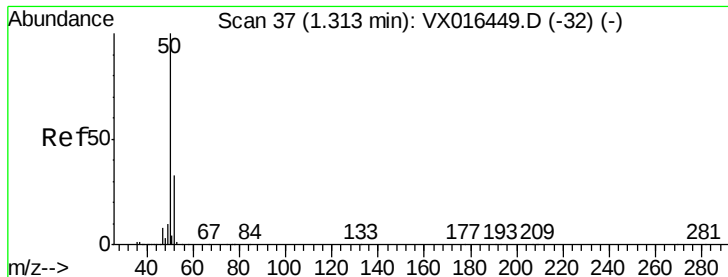
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.563 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 197530

Ion Ratio Lower Upper

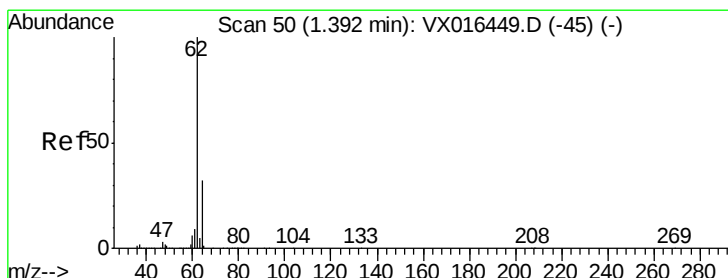
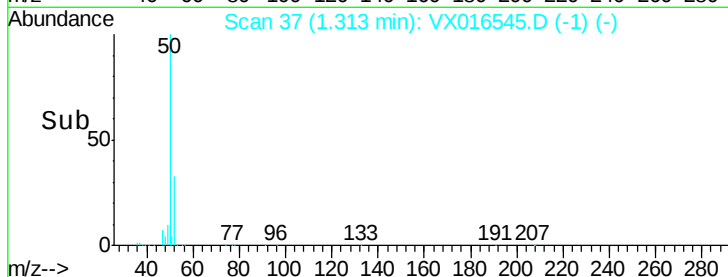
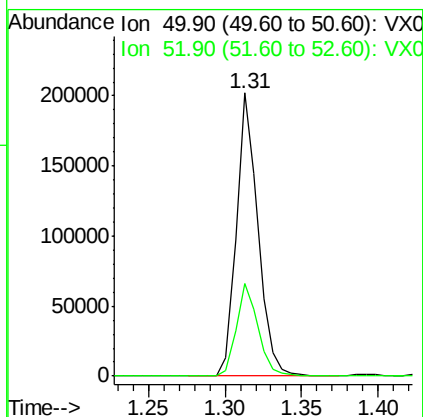
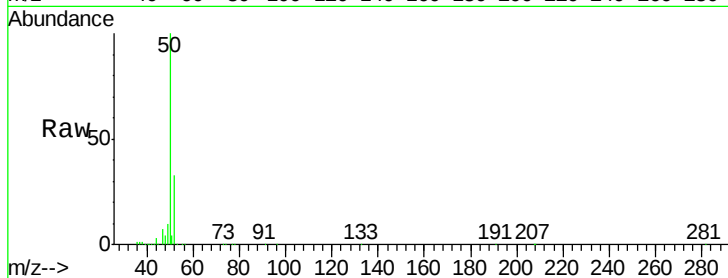
50 100

52 32.9 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.335 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016545.D

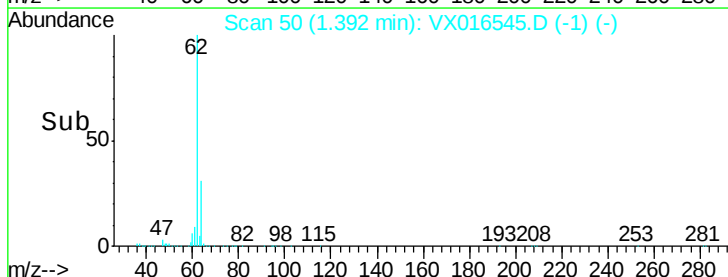
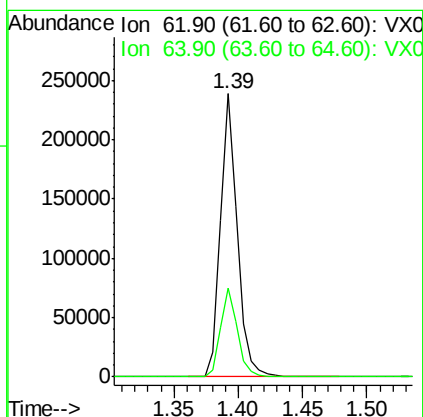
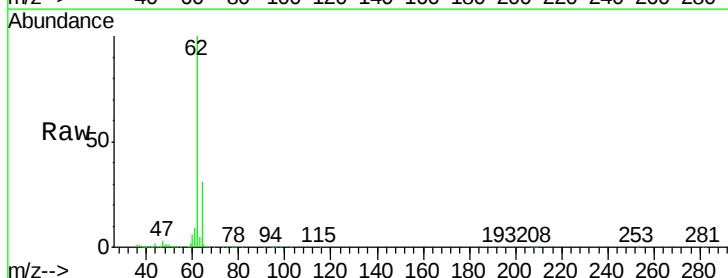
Acq: 02 Jun 2020 10:19

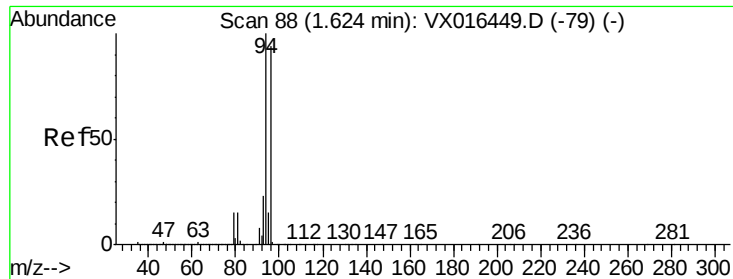
Tgt Ion: 62 Resp: 221330

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 43.095 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 94005

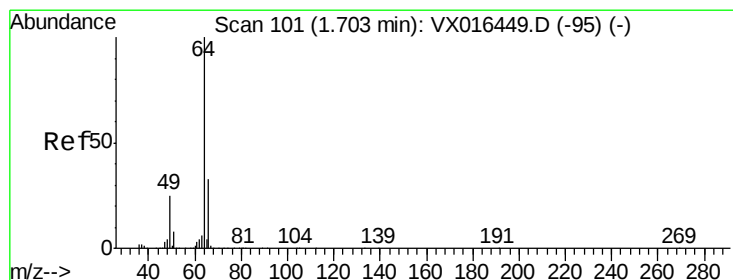
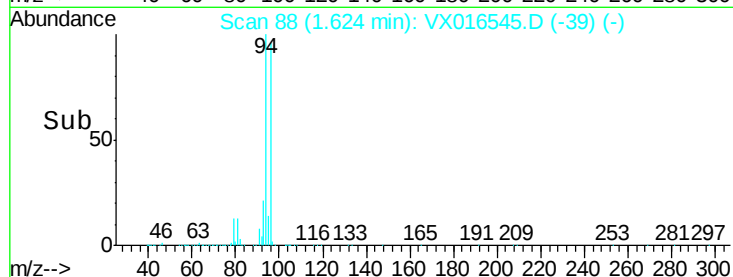
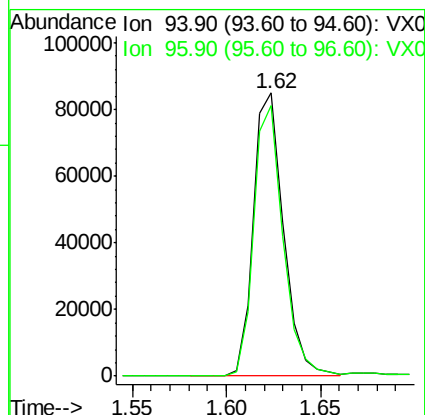
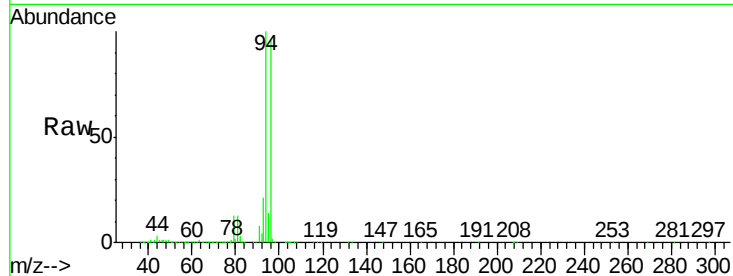
Ion Ratio Lower Upper

94 100

96 95.7 75.1 112.7

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#6

Chloroethane

Concen: 51.163 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016545.D

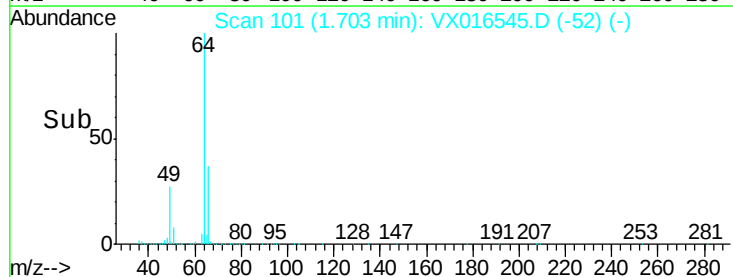
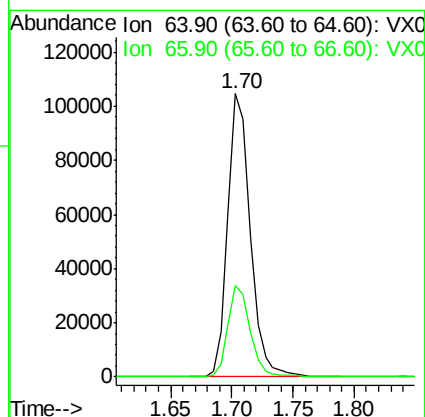
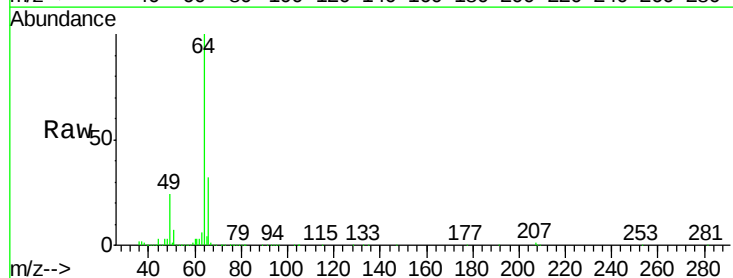
Acq: 02 Jun 2020 10:19

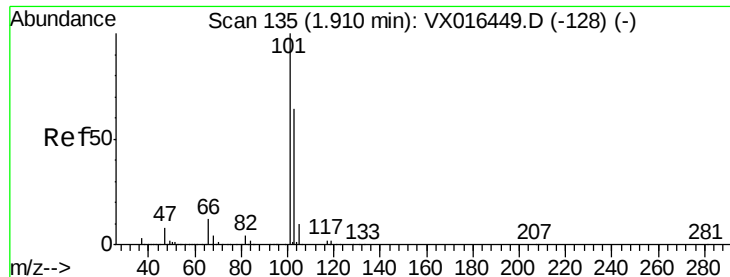
Tgt Ion: 64 Resp: 133894

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1





#7

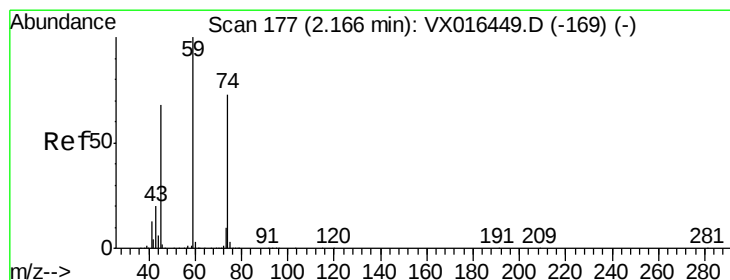
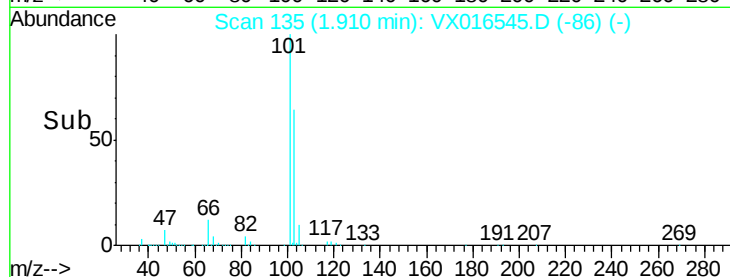
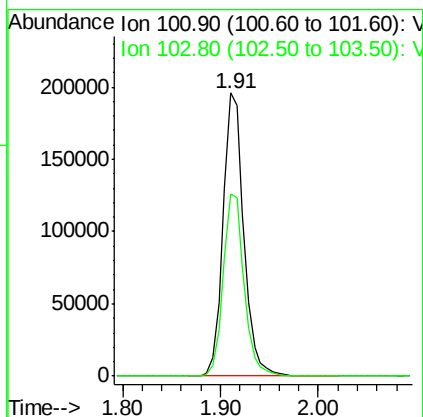
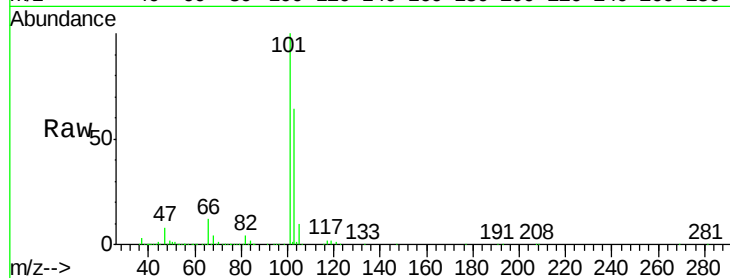
Trichlorofluoromethane
Concen: 48.715 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.9	76.3

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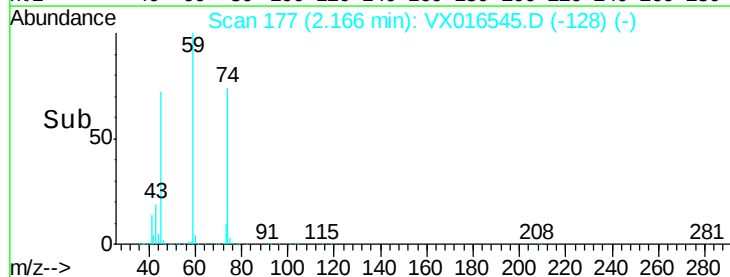
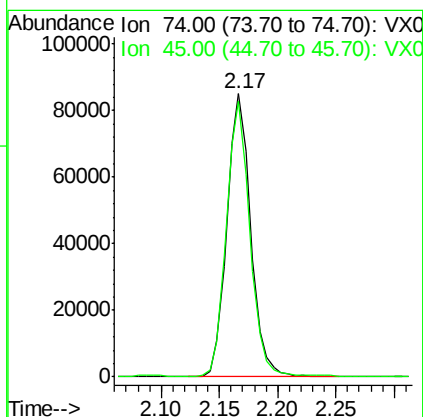
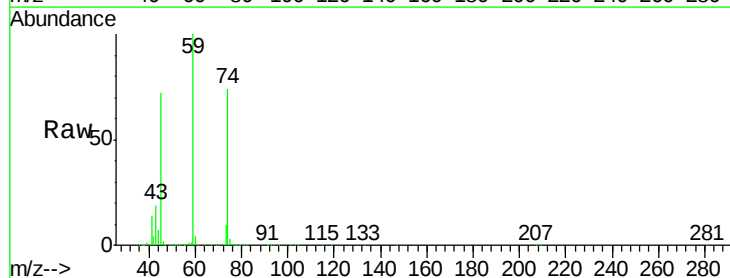
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#8

Diethyl Ether
Concen: 49.195 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.084 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

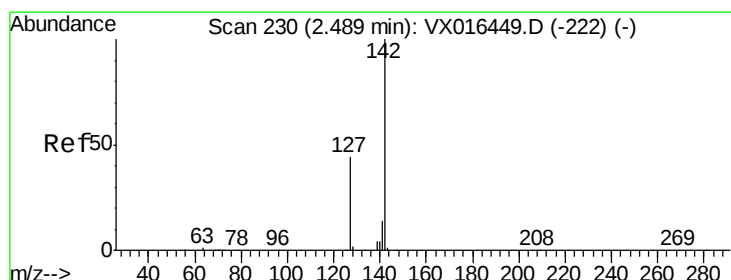
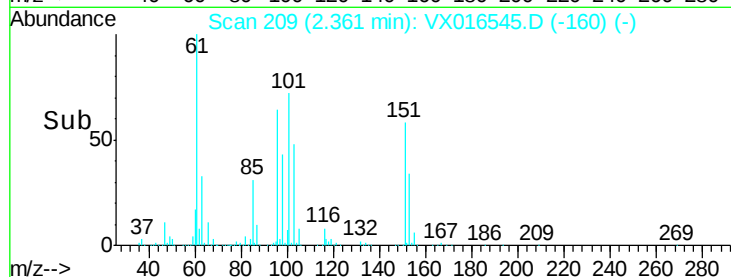
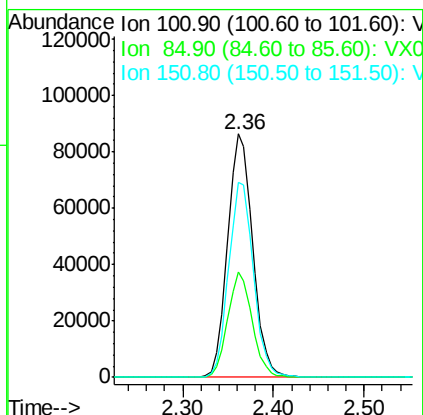
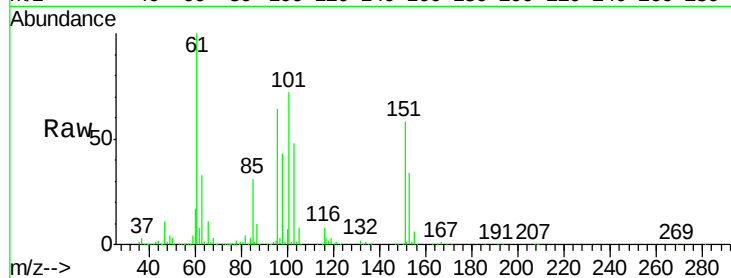
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	165646
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	79.3	63.8	95.6

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#10

Methyl Iodide

Concen: 40.449 ug/l

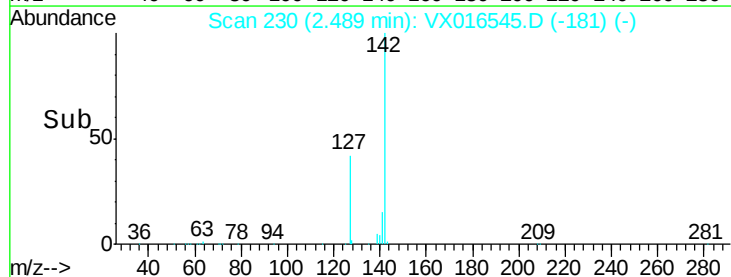
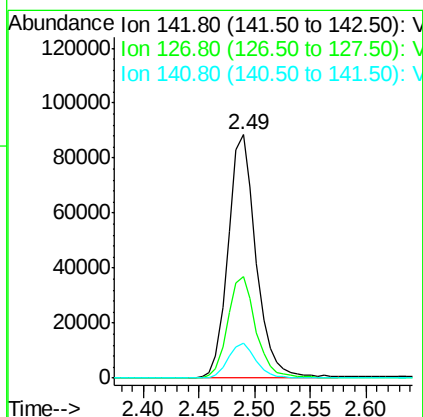
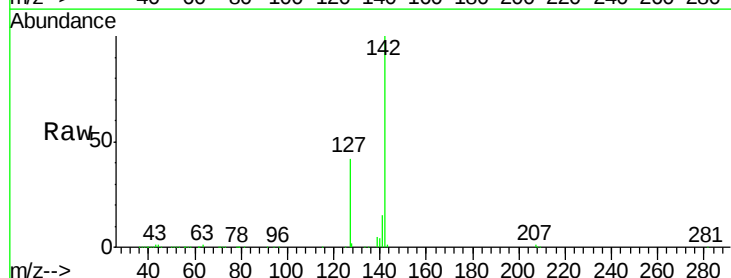
RT: 2.49 min Scan# 230

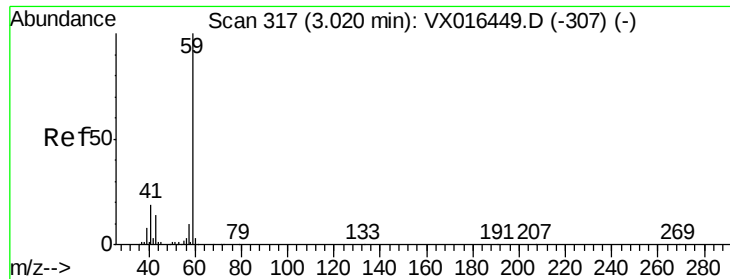
Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion:	142	Resp:	154296
Ion Ratio	Lower	Upper	
142	100		
127	42.0	35.3	52.9
141	14.5	11.4	17.2





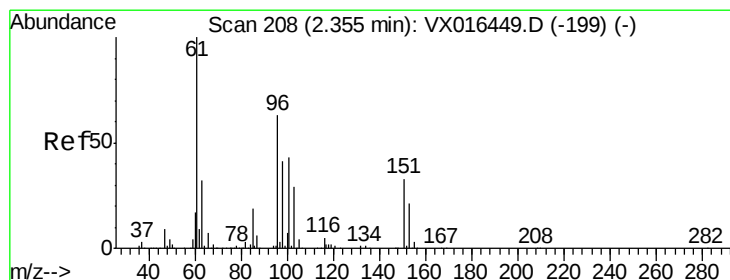
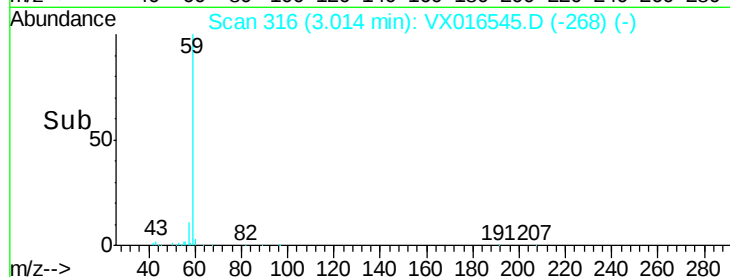
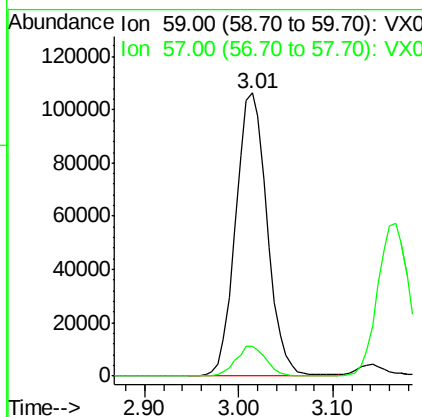
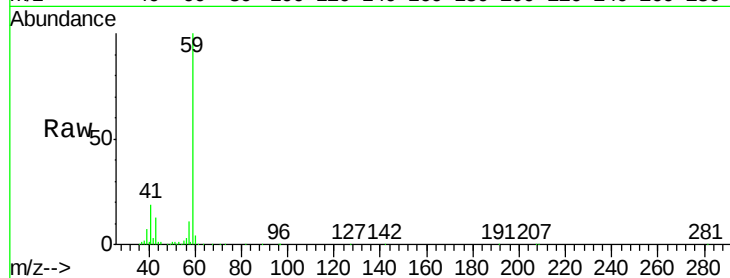
#11
Tert butyl alcohol
Concen: 217.926 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

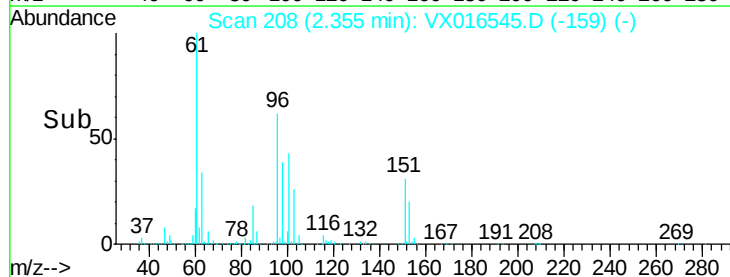
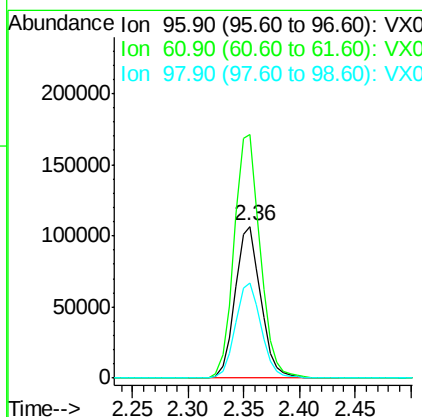
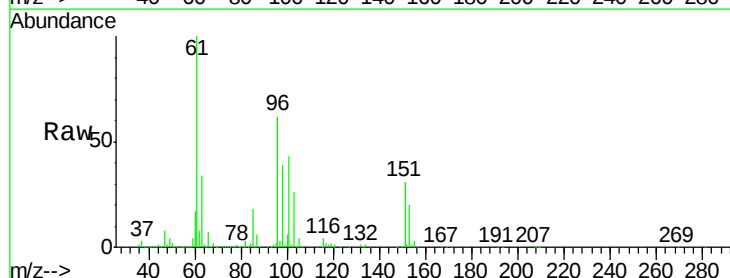
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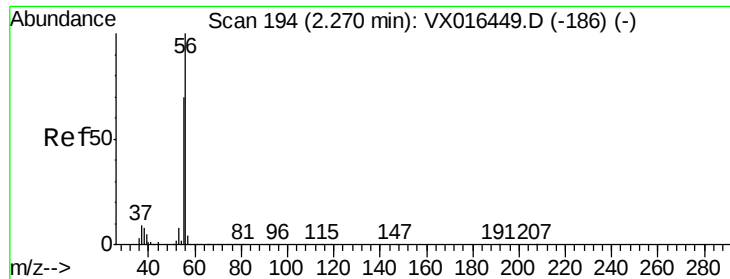
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#12
1,1-Dichloroethene
Concen: 49.267 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	126.6	189.8
98	62.8	51.3	76.9





#13

Acrolein

Concen: 299.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 144581

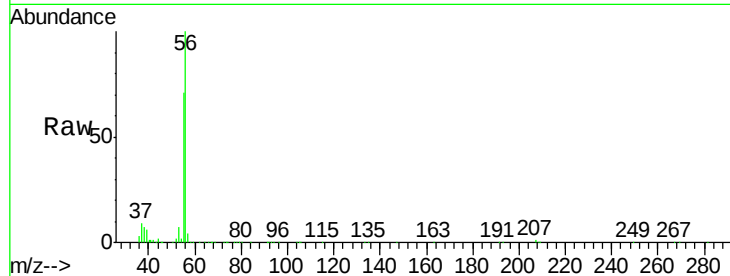
Ion Ratio Lower Upper

56 100

55 71.0 58.3 87.5

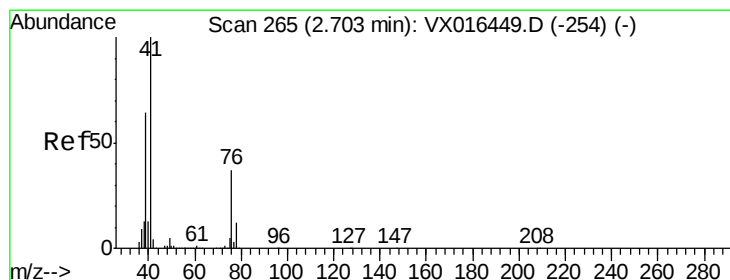
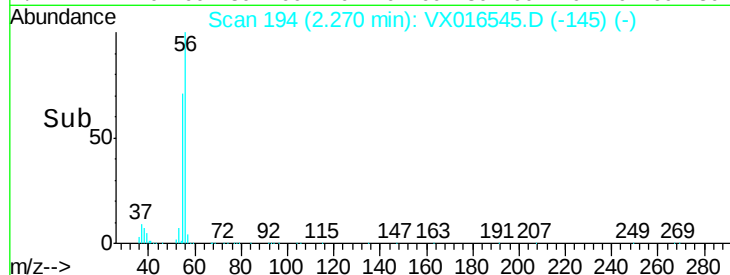
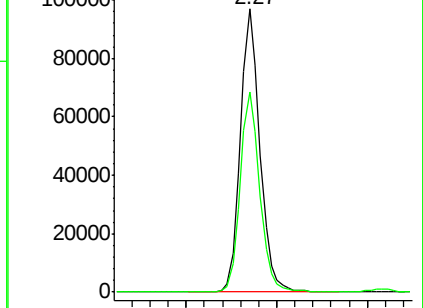
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.362 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

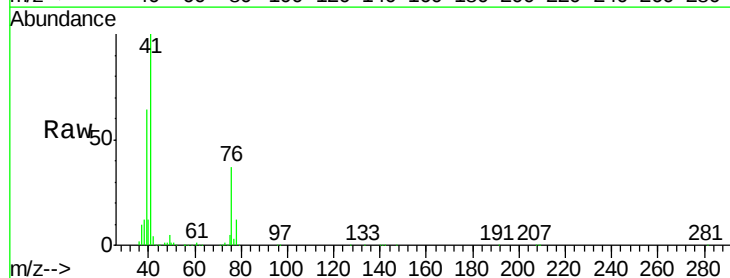
Tgt Ion: 41 Resp: 317896

Ion Ratio Lower Upper

41 100

39 58.1 47.7 71.5

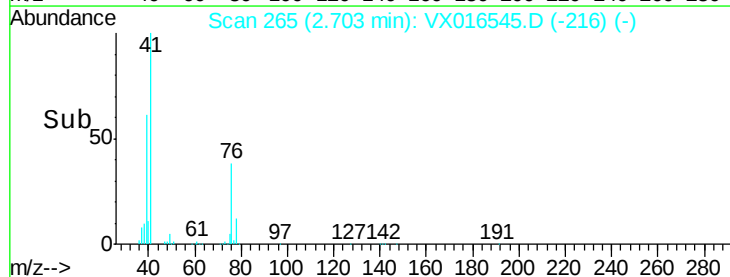
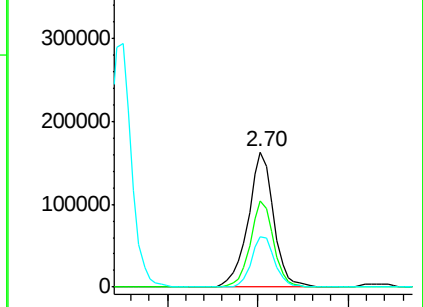
76 34.1 26.6 40.0

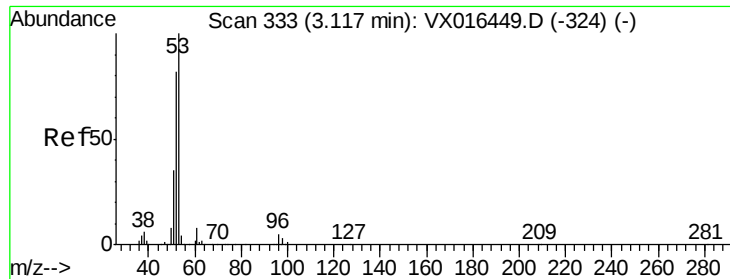


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 244.358 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

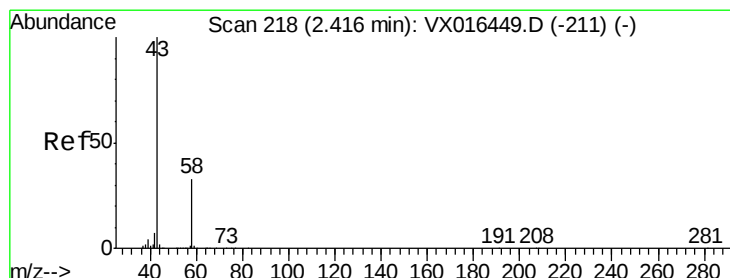
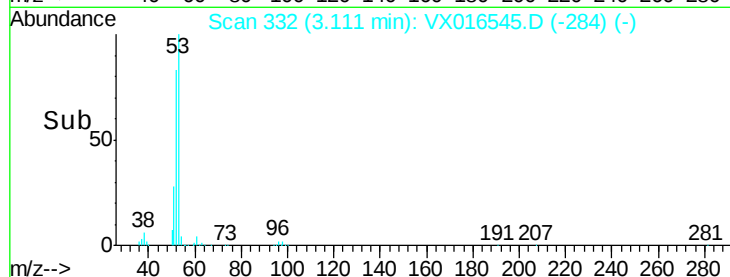
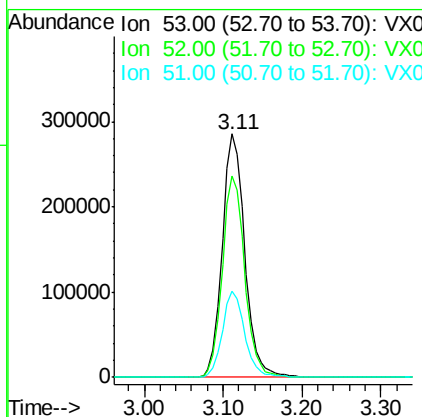
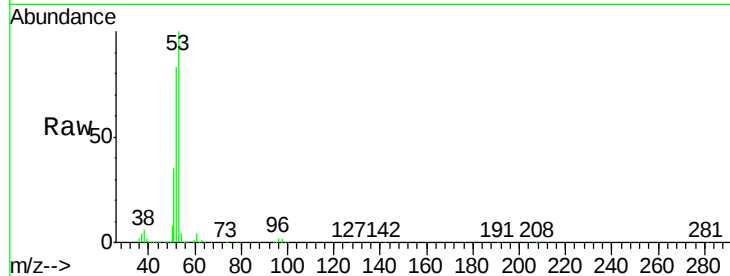
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	568610
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.7	100.1
51	35.3	28.6	43.0

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#16

Acetone

Concen: 251.594 ug/l

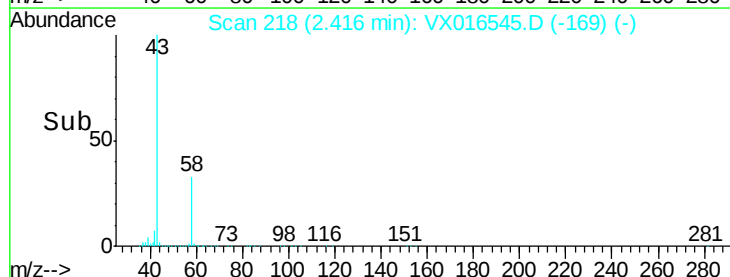
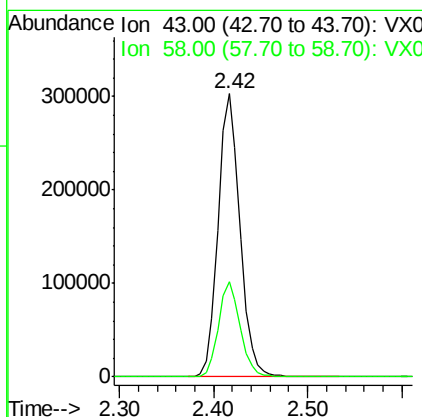
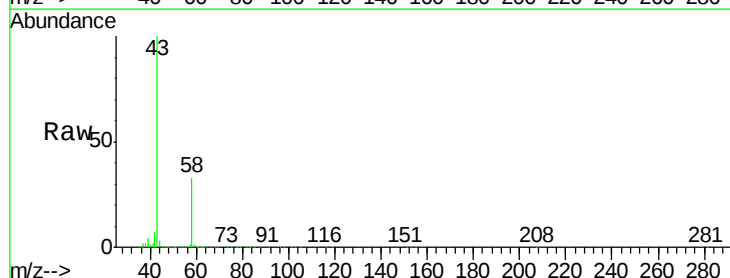
RT: 2.42 min Scan# 218

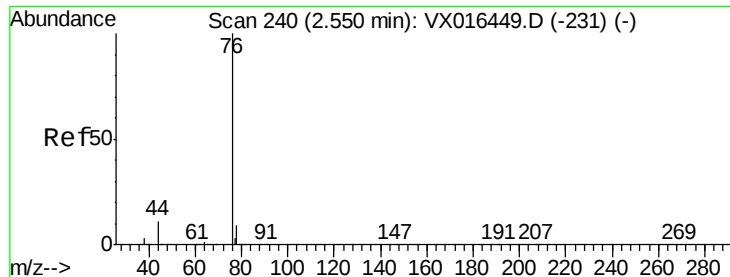
Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion:	43	Resp:	488305
Ion Ratio	Lower	Upper	
43	100		
58	33.4	26.1	39.1





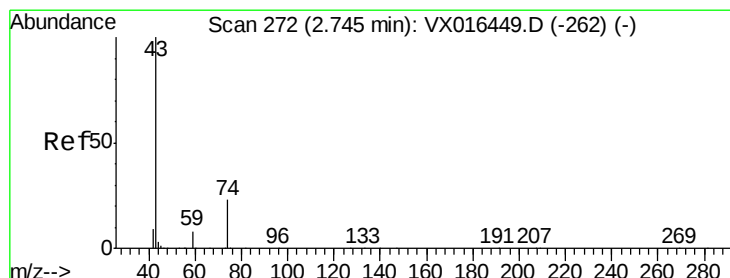
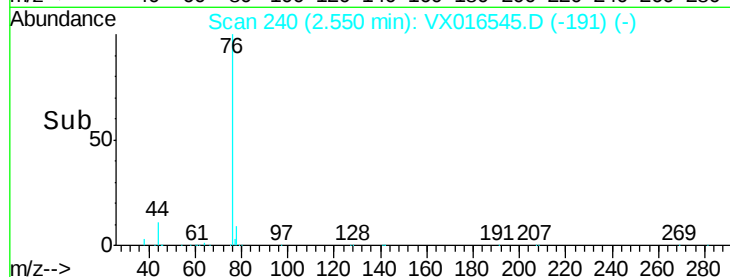
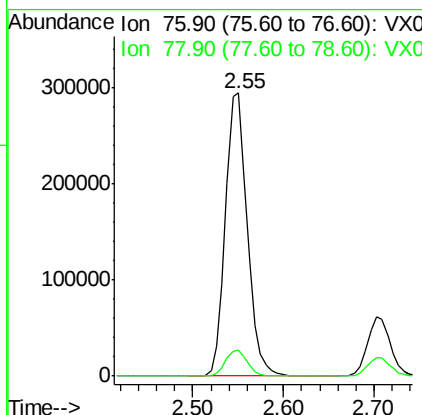
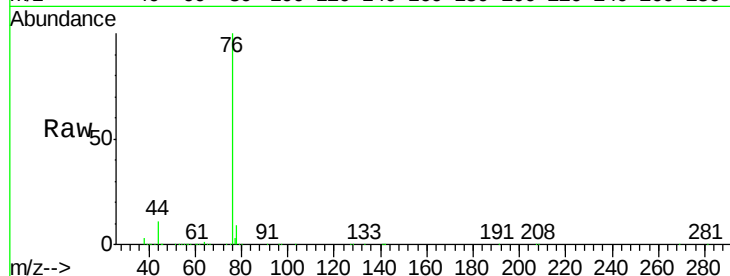
#17
Carbon Disulfide
Concen: 48.360 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

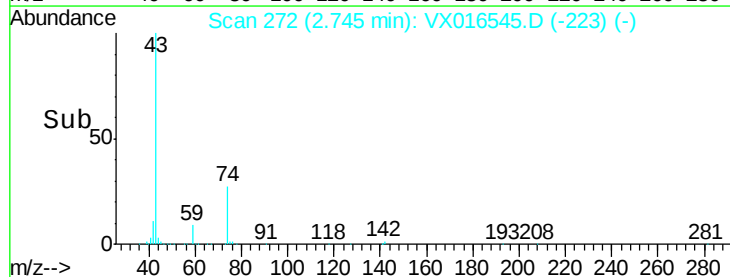
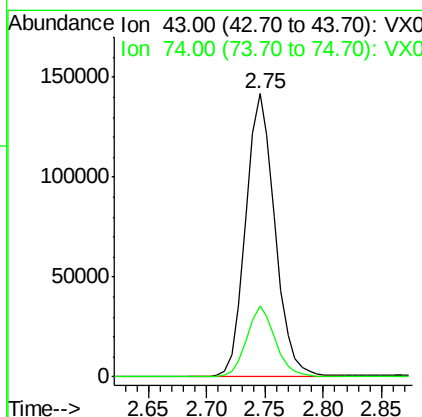
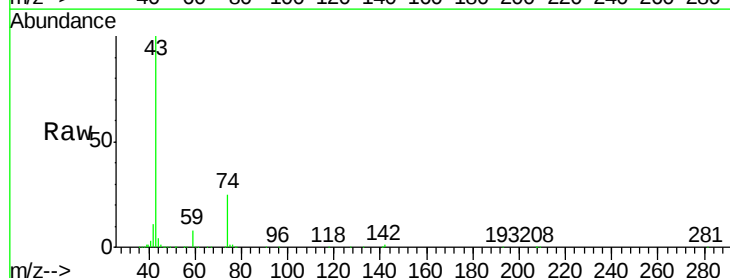
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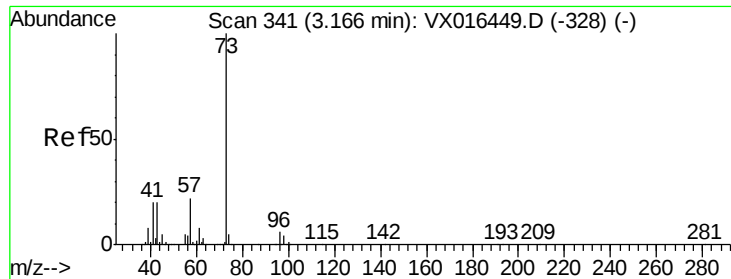
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#18
Methyl Acetate
Concen: 49.923 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.7	29.5





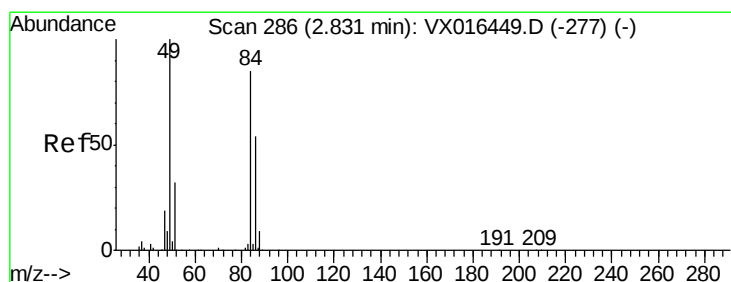
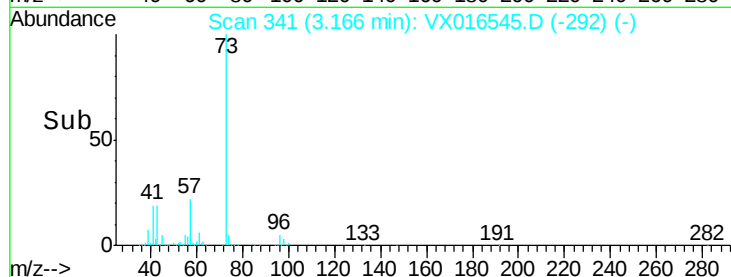
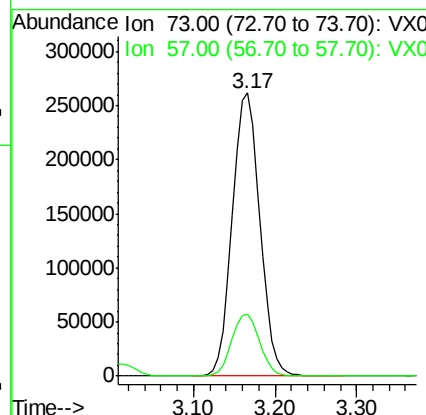
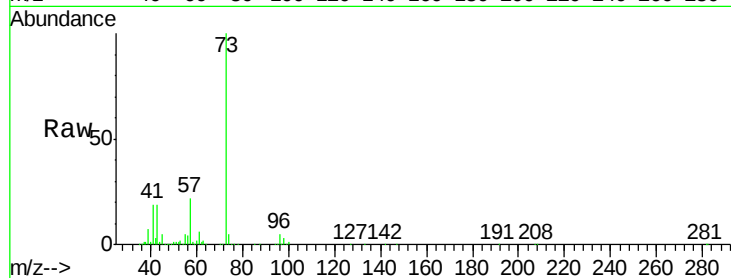
#19
Methyl tert-butyl Ether
Concen: 49.444 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

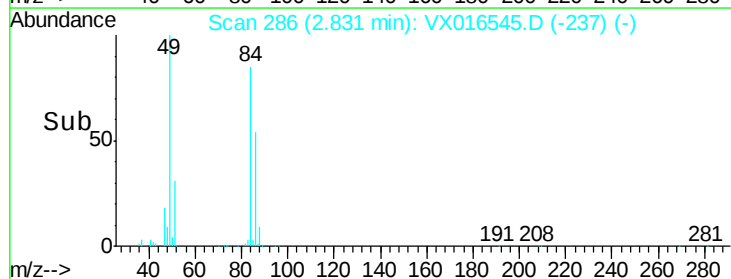
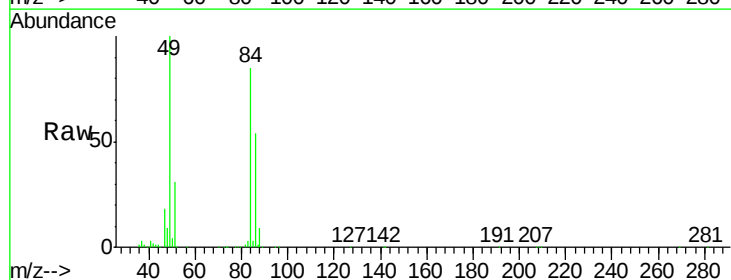
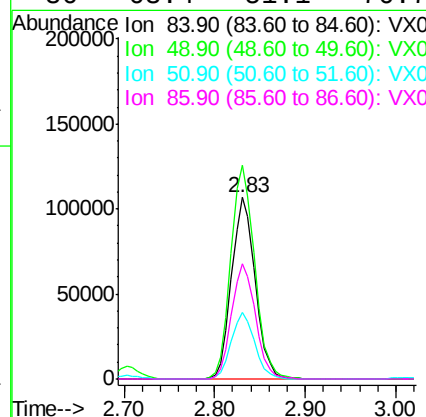
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#20
Methylene Chloride
Concen: 48.253 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.9	94.5	141.7
51	36.5	30.2	45.4
86	63.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.891 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

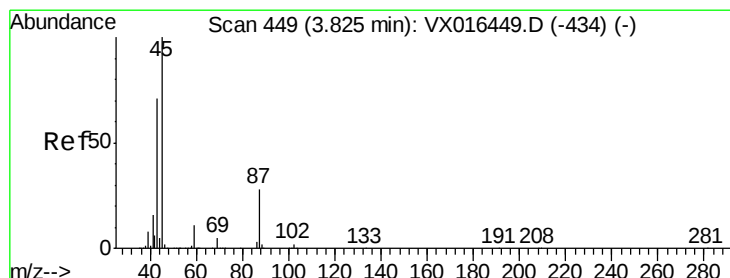
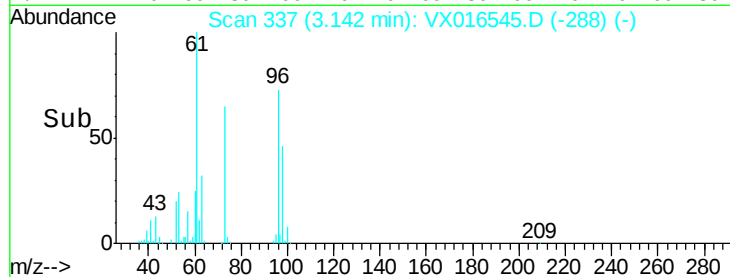
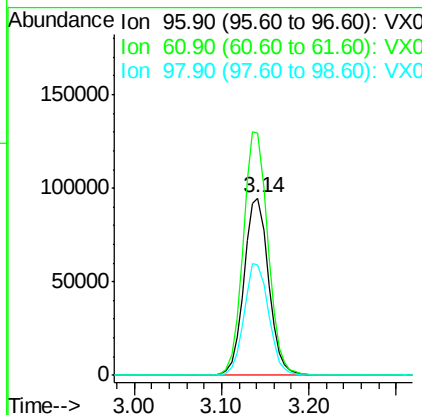
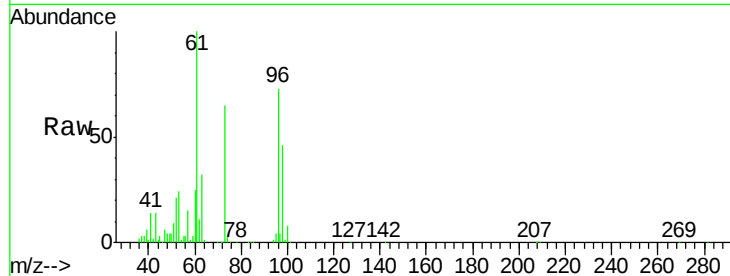
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	185618
Ion Ratio	Lower	Upper	
96	100		
61	136.6	115.3	172.9
98	62.4	51.9	77.9

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#22

Diisopropyl ether

Concen: 49.185 ug/l

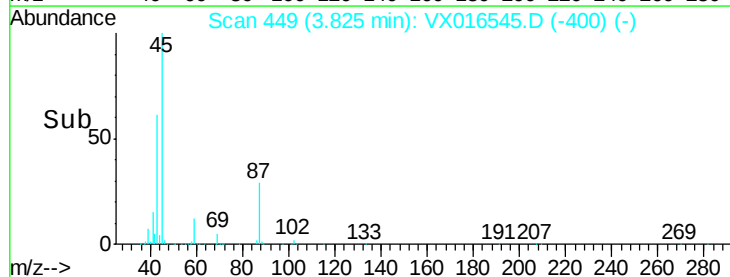
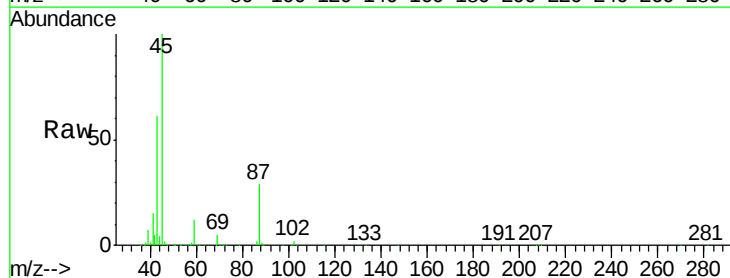
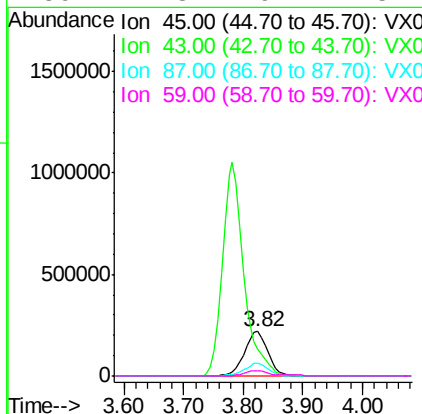
RT: 3.82 min Scan# 449

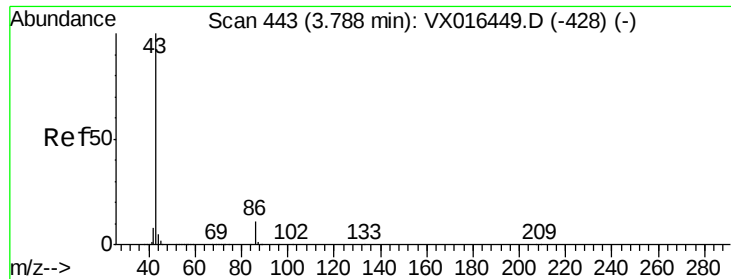
Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion:	45	Resp:	596419
Ion Ratio	Lower	Upper	
45	100		
43	61.2	57.0	85.6
87	28.9	22.5	33.7
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 249.247 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2645518

Ion Ratio Lower Upper

43 100

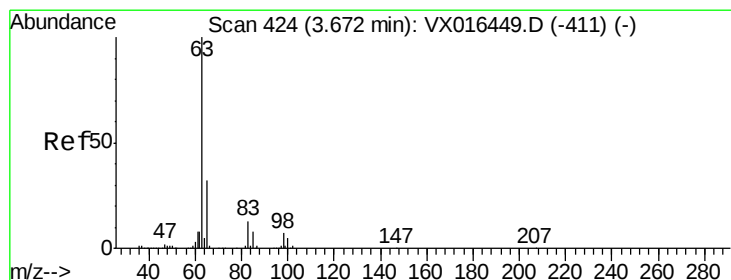
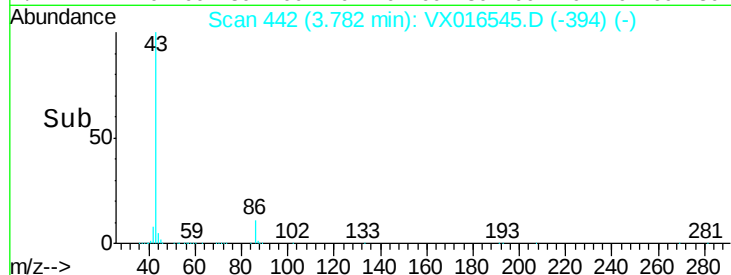
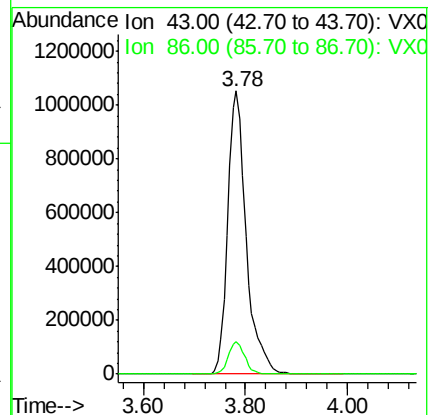
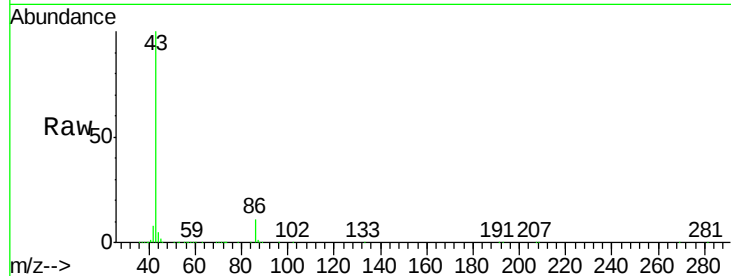
86 11.3 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 49.318 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

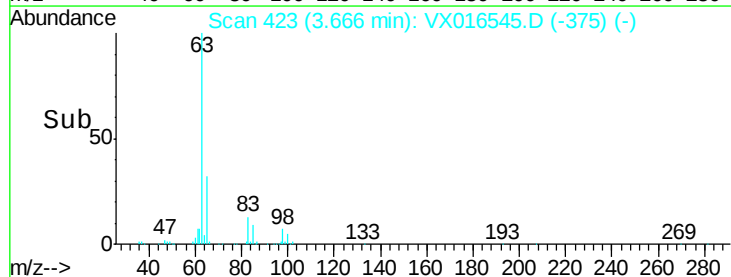
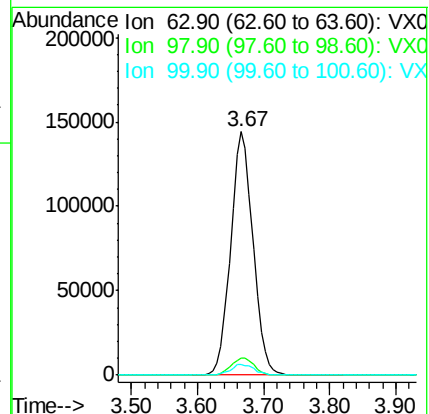
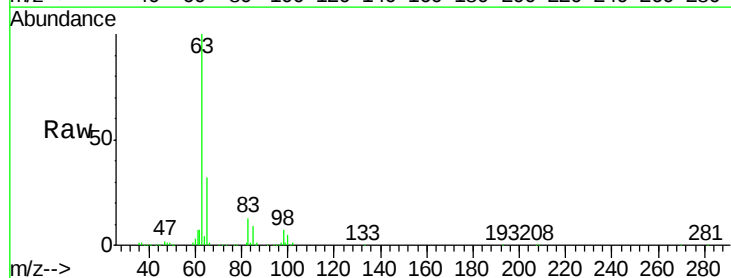
Tgt Ion: 63 Resp: 337542

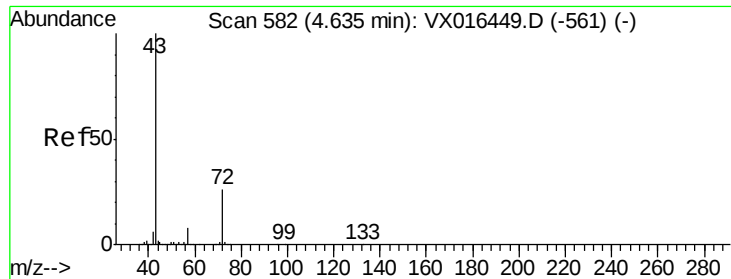
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.6 2.4 7.1





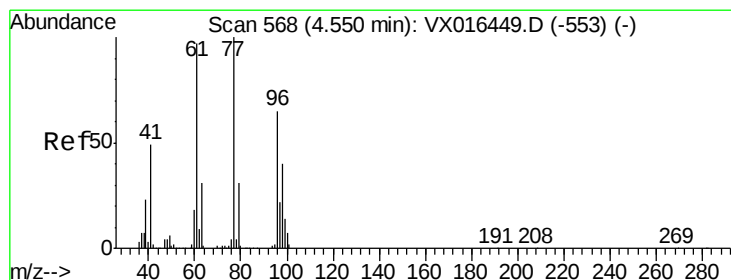
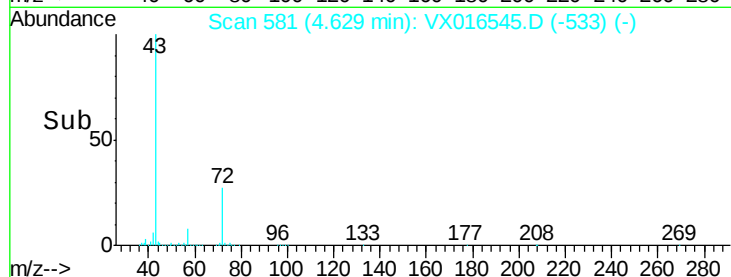
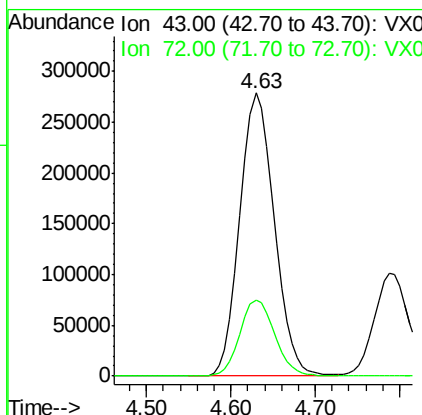
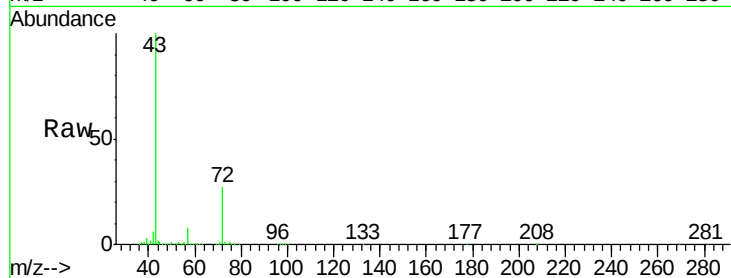
#25
2-Butanone
Concen: 235.627 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	774903
Ion Ratio	43	100	
Lower	72	26.9	21.0
Upper			31.6

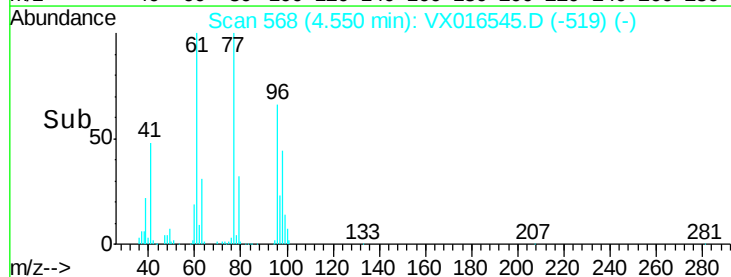
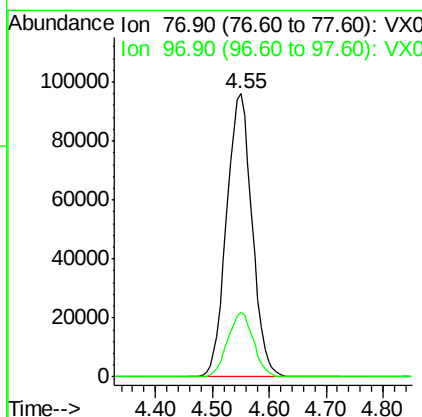
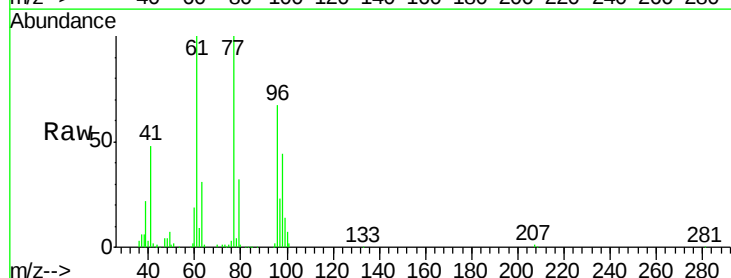
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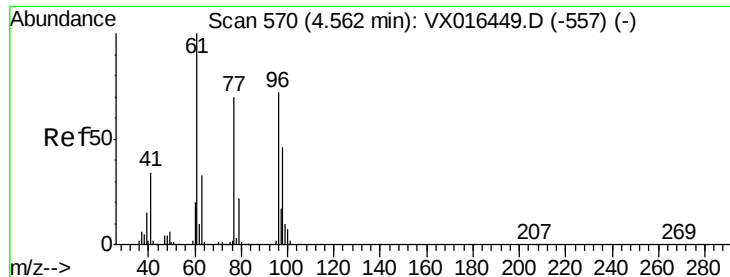
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#26
2,2-Dichloropropane
Concen: 53.658 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	77	Resp	300507
Ion Ratio	77	100	
Lower	97	22.9	11.5
Upper			34.4





#27

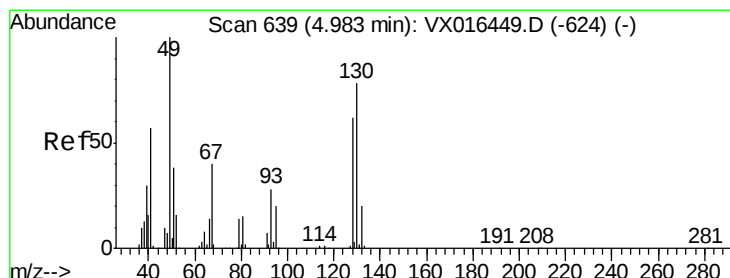
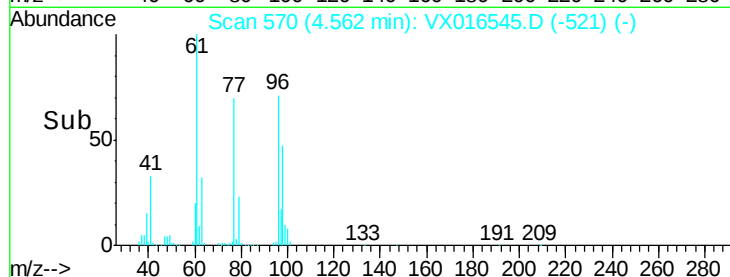
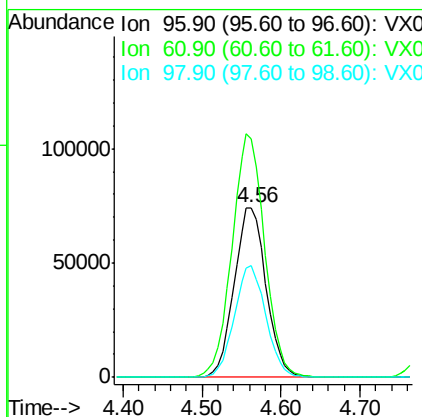
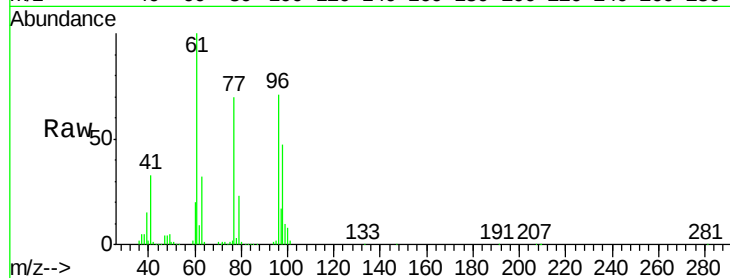
cis-1,2-Dichloroethene
Concen: 47.523 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	208727		
61	146.5	0.0	284.6	
98	65.6	0.0	127.2	

Manual Integrations
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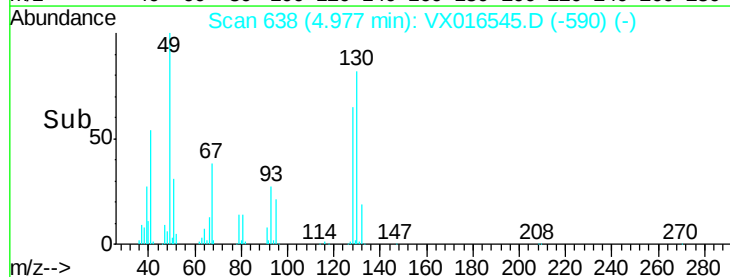
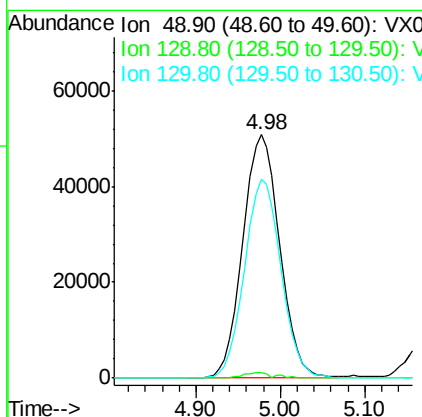
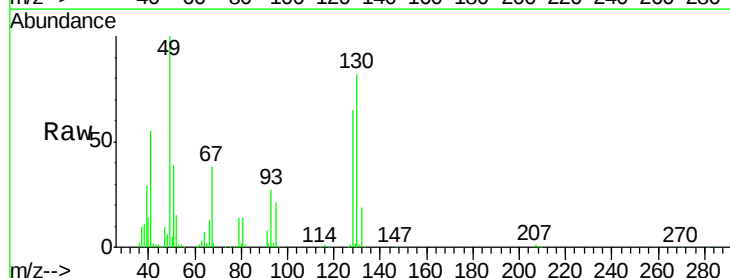
MMDadoda
6/3/2020 9:51:24 AM



#28

Bromochloromethane
Concen: 47.651 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151555		
129	1.4	0.0	4.0	
130	80.8	63.0	94.4	





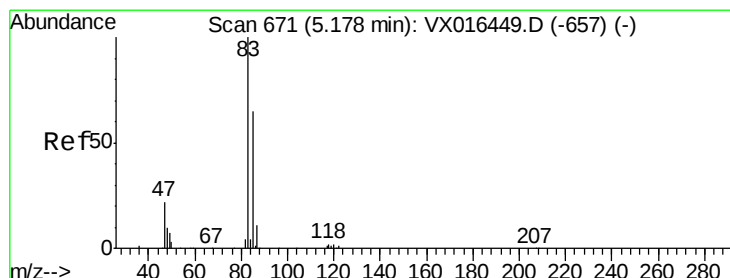
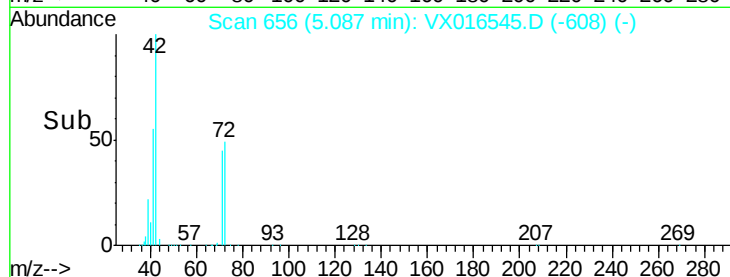
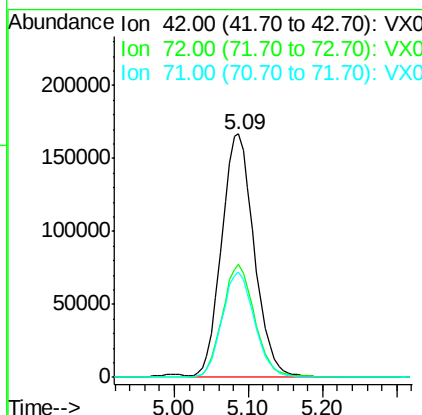
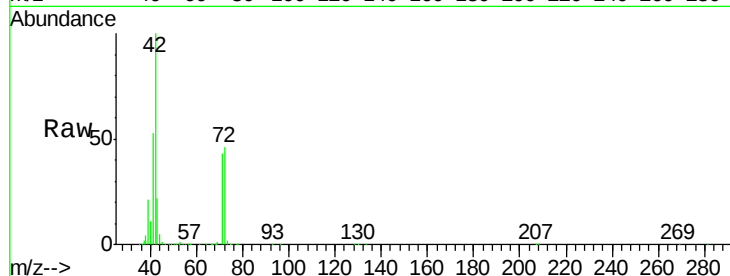
#29
Tetrahydrofuran
Concen: 238.982 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.0	55.4
71	43.2	34.1	51.1

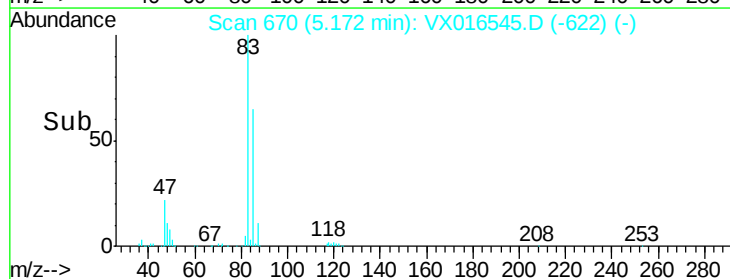
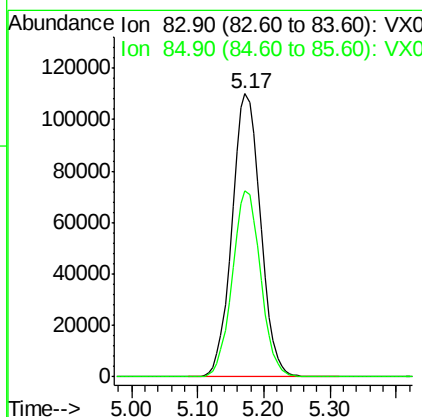
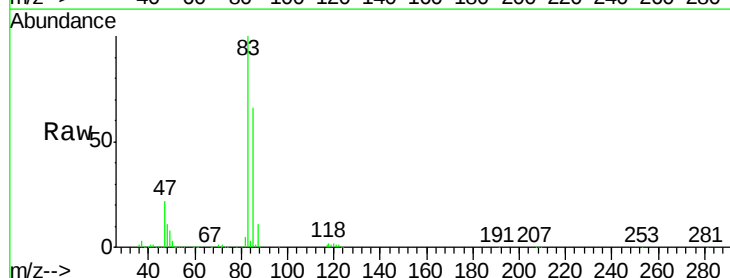
Manual Integrations
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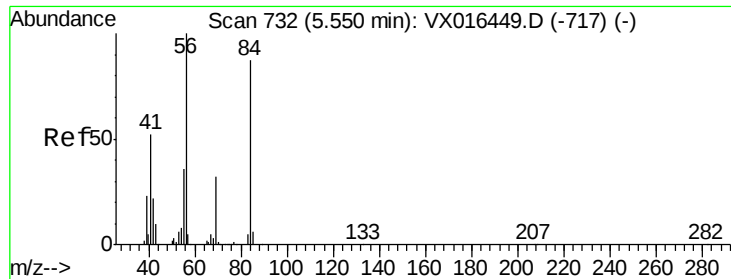
MMDadoda
6/3/2020 9:51:24 AM



#30
Chloroform
Concen: 47.834 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.0	78.0





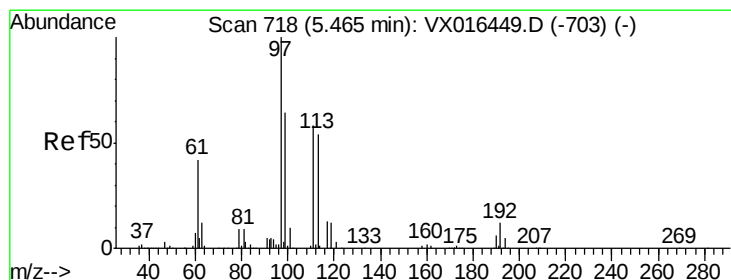
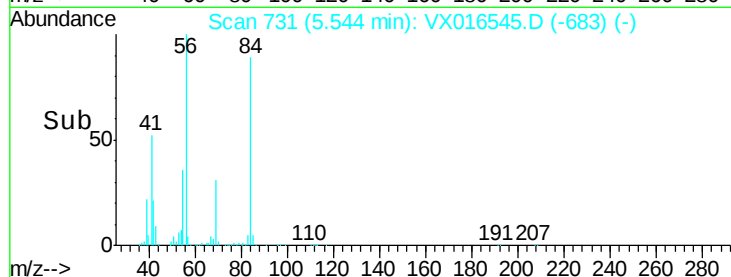
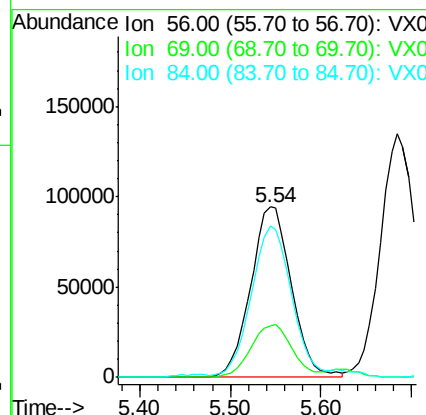
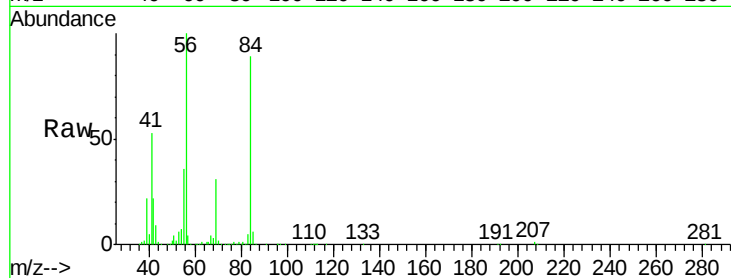
#31
Cvclohexane
Concen: 47.701 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.7	38.5
84	87.4	70.0	105.0

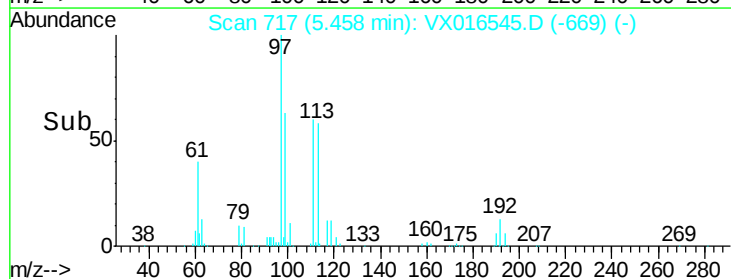
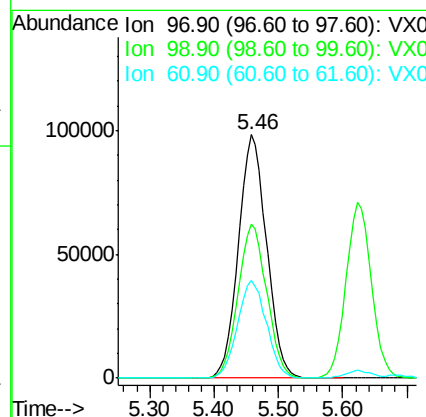
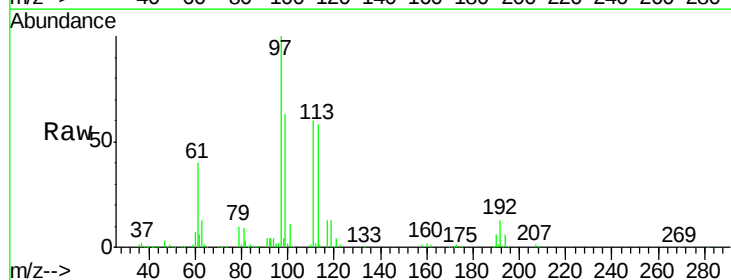
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 47.690 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	41.2	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 208821

Ion Ratio Lower Upper

65 100

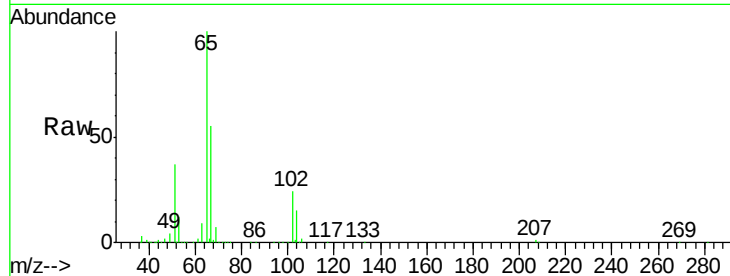
67 53.9 0.0 104.8

Manual Integrations

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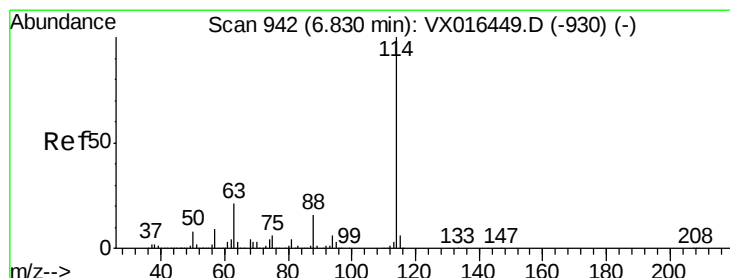
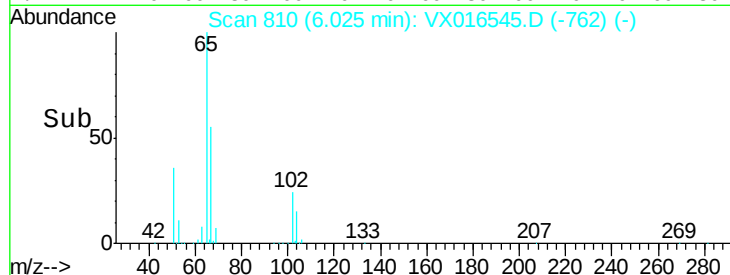
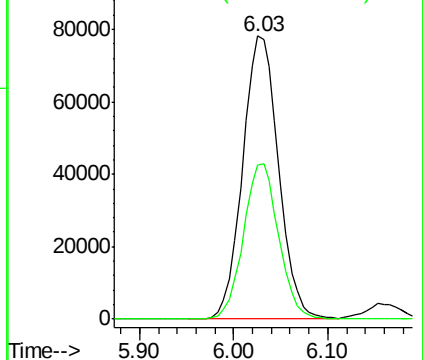
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

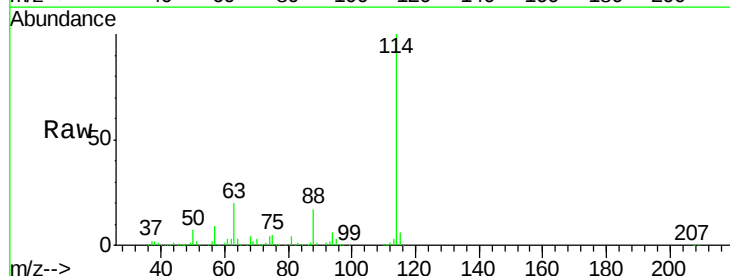
Tgt Ion: 114 Resp: 553817

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

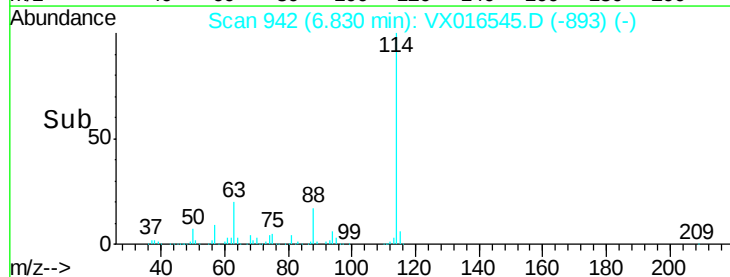
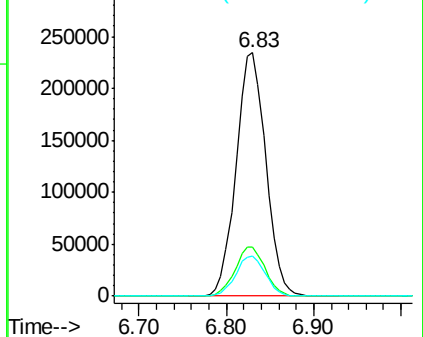
88 16.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





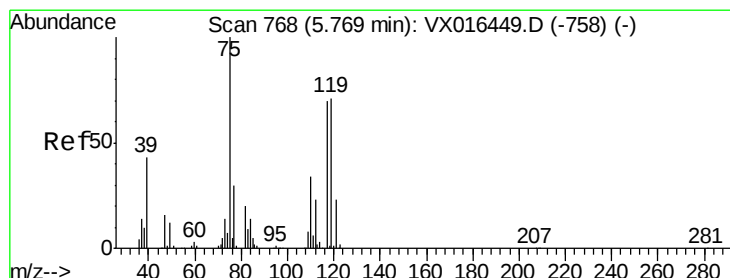
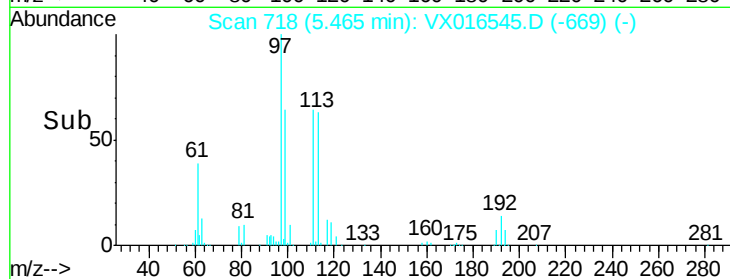
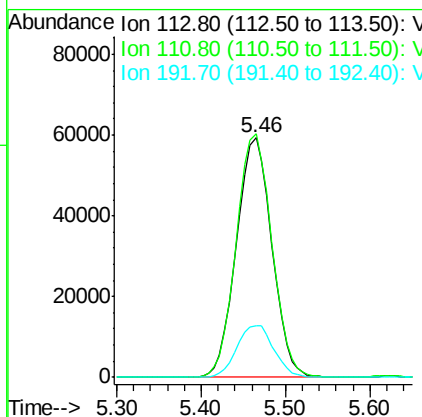
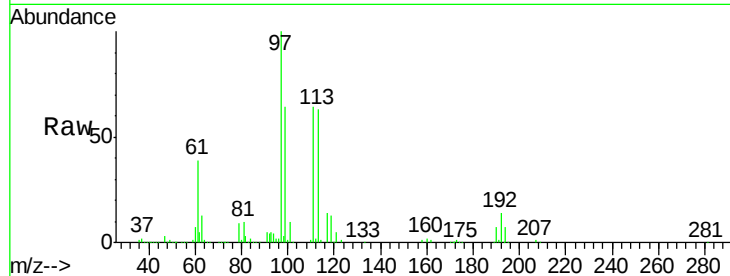
#35
Dibromofluoromethane
Concen: 49.757 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169676		
111	102.0	83.0	124.6	
192	22.5	17.7	26.5	

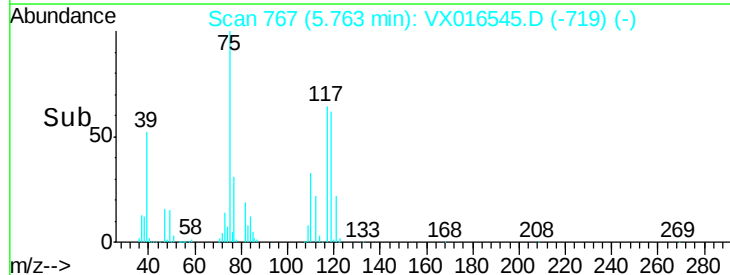
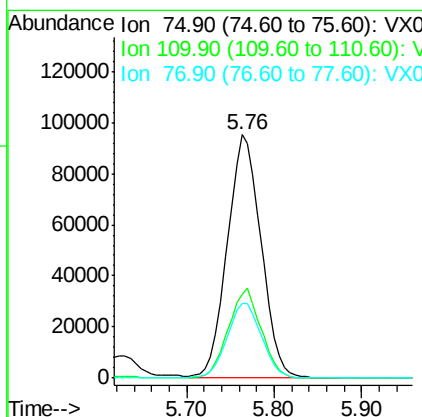
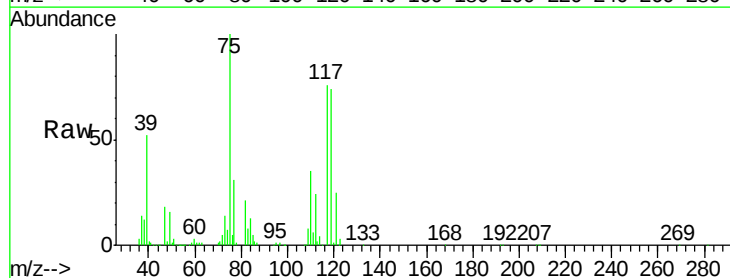
Manual Integrations
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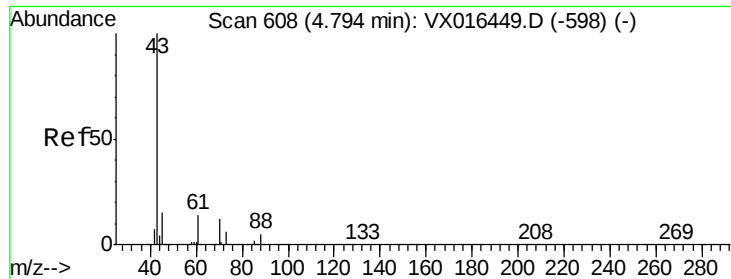
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.571 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	254685		
110	35.9	17.4	52.3	
77	31.3	24.2	36.4	





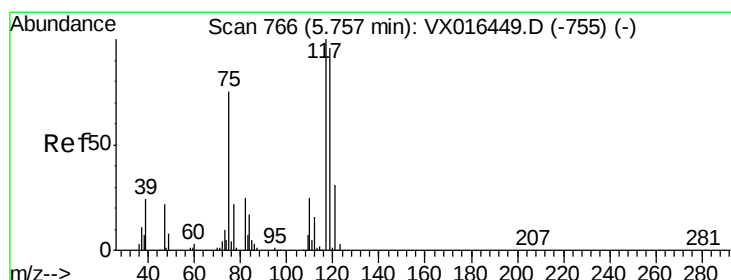
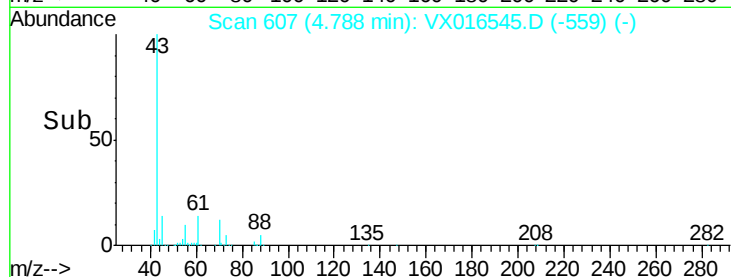
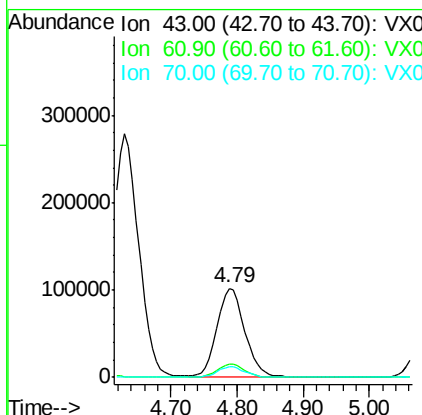
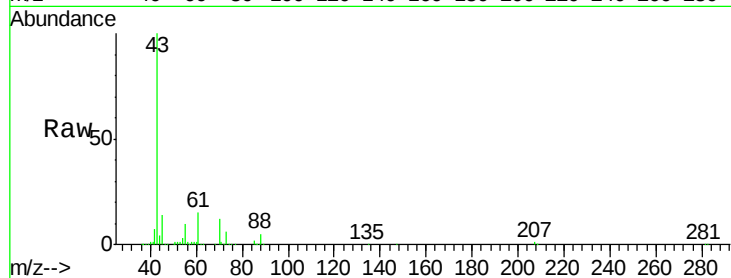
#37
Ethyl Acetate
Concen: 46.822 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	294763
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	12.0	9.3	13.9

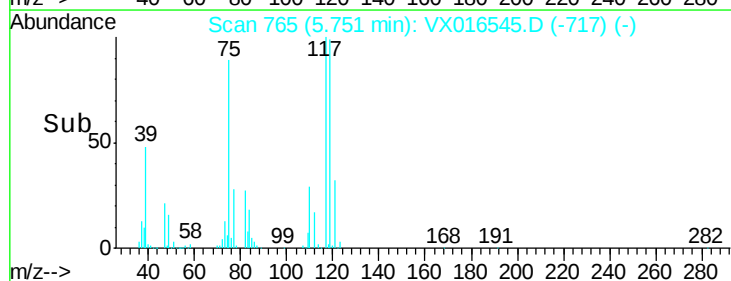
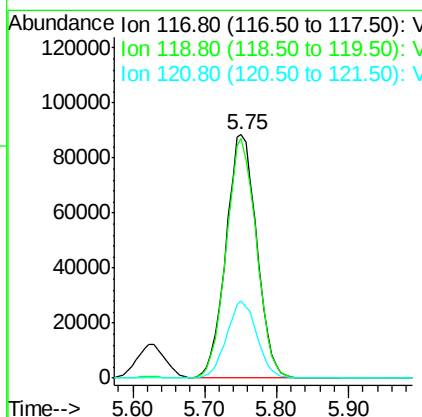
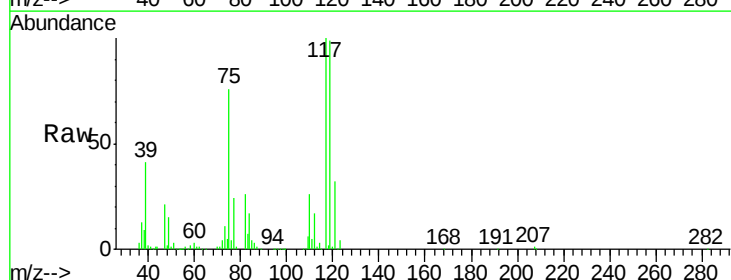
Manual Integrations
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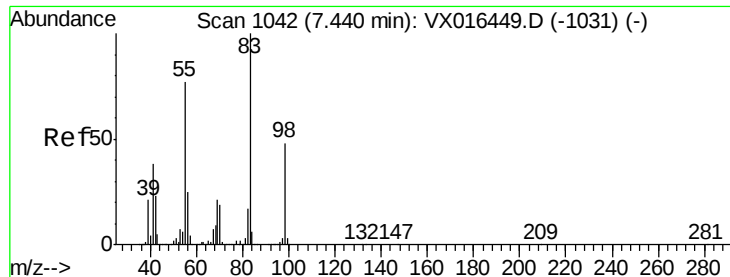
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#38
Carbon Tetrachloride
Concen: 47.722 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:	117	Resp:	262973
Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.3	114.5
121	31.7	24.6	37.0





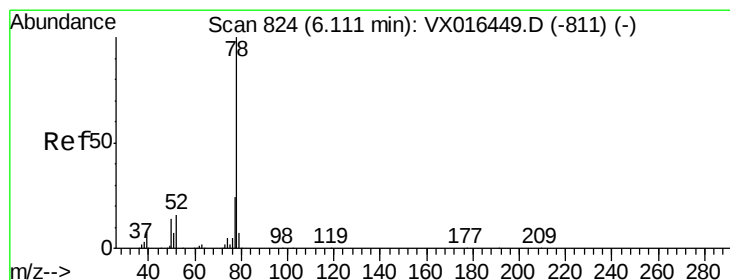
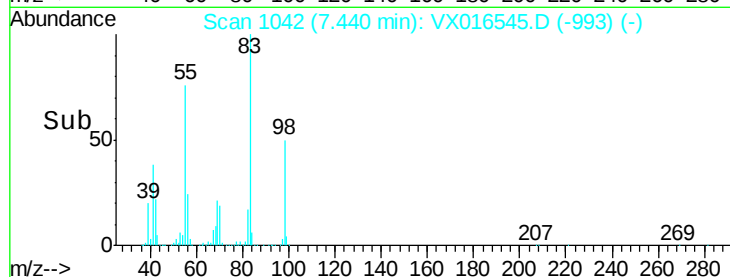
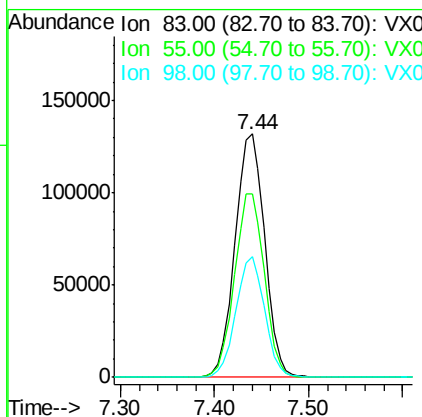
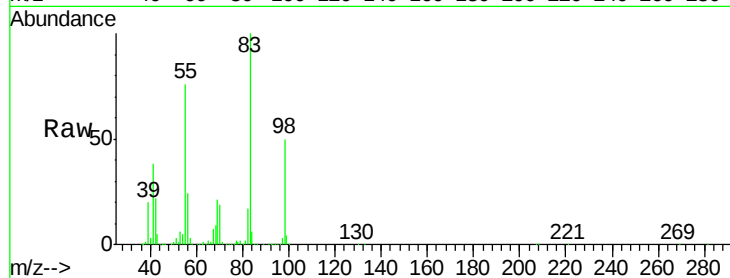
#39
Methvlcvclohexane
Concen: 51.031 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.7	92.5
98	49.8	38.7	58.1

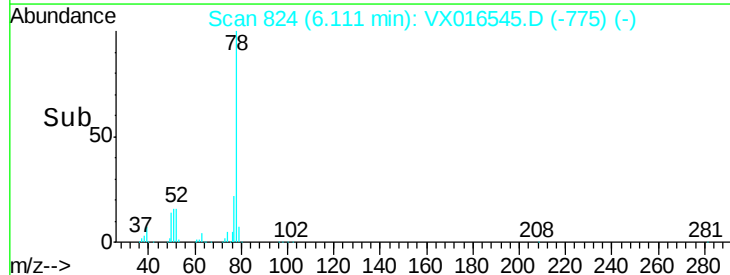
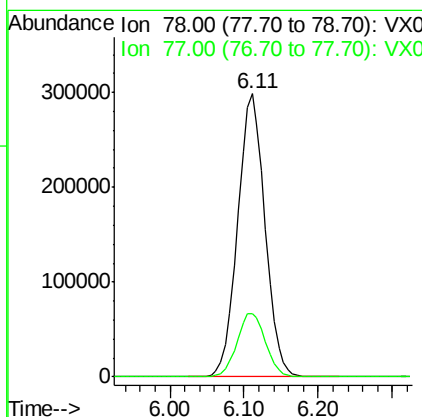
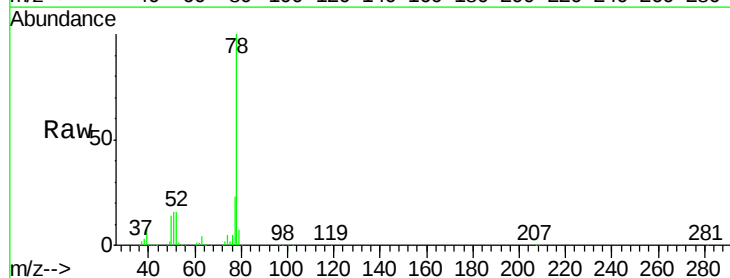
Manual Integrations
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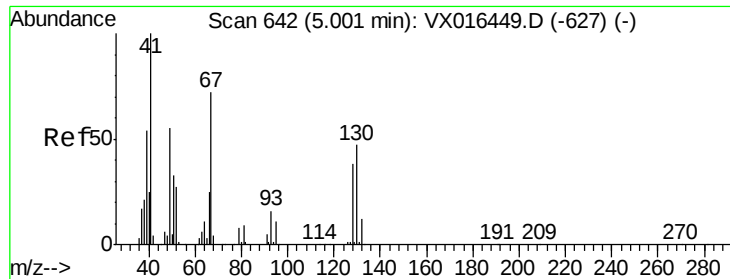
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#40
Benzene
Concen: 49.177 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.9	28.3





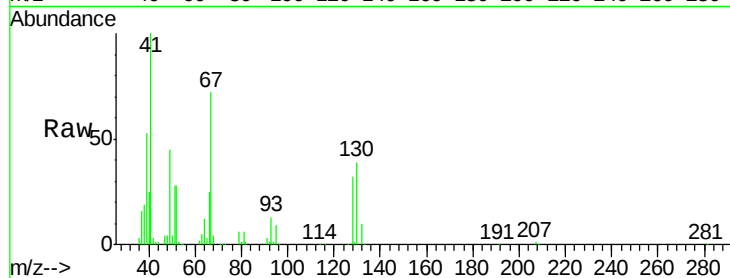
#41
Methacrylonitrile
Concen: 46.455 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

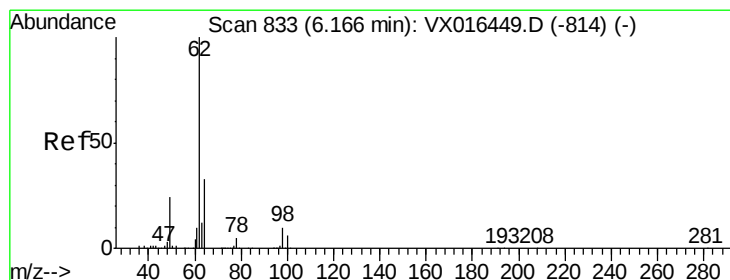
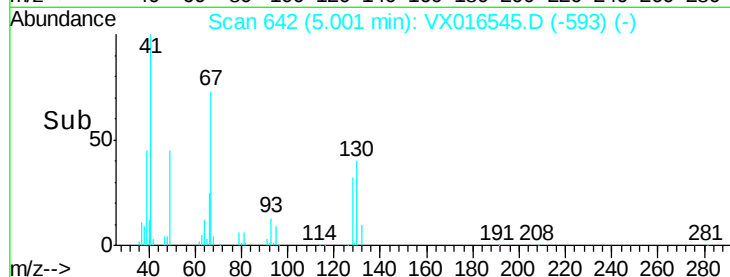
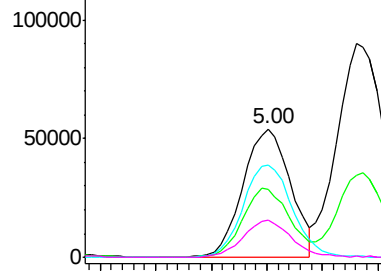
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.0	64.4
67	74.5	58.9	88.3
52	28.6	23.1	34.7

Manual Integrations
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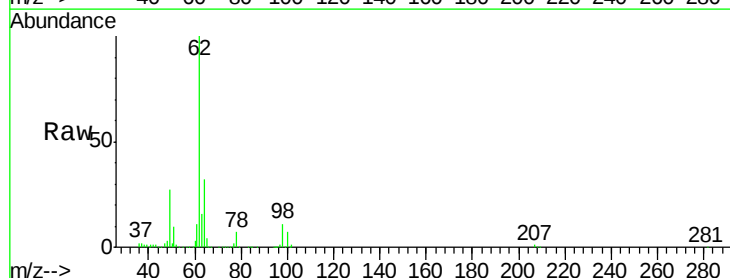


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

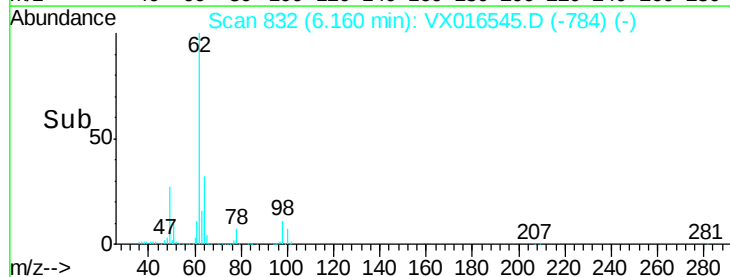
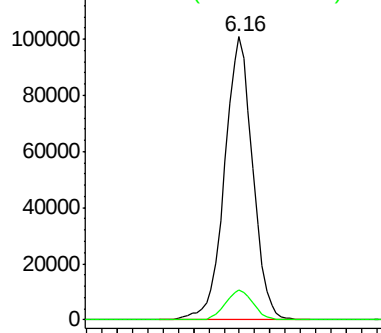


#42
1,2-Dichloroethane
Concen: 46.669 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





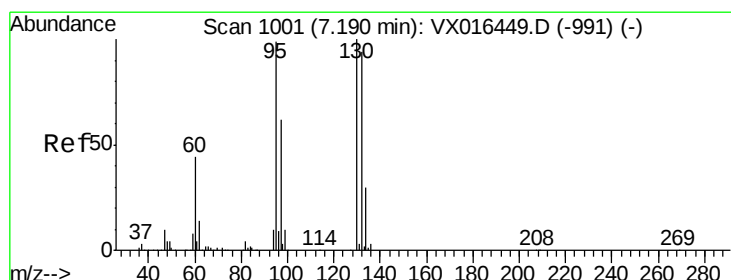
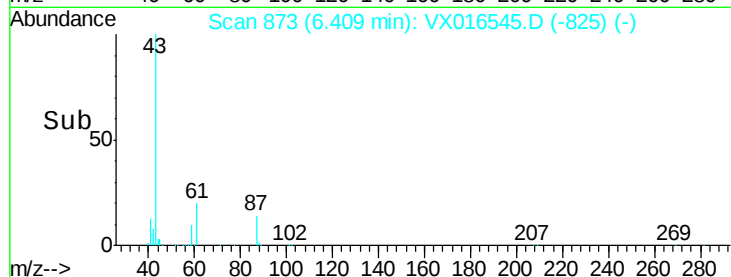
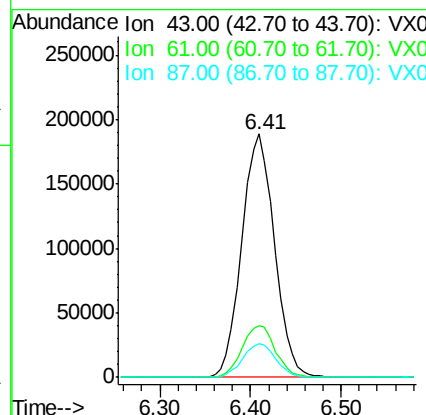
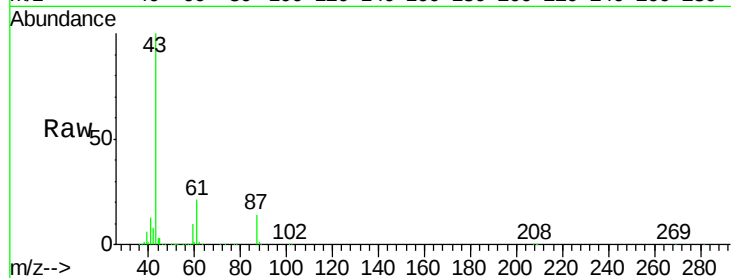
#43
Isopropyl Acetate
Concen: 47.927 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	14.2	11.2	16.8

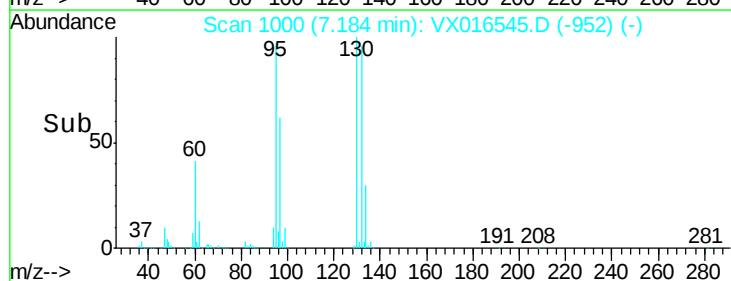
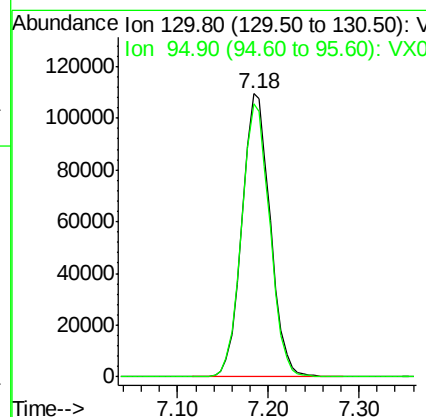
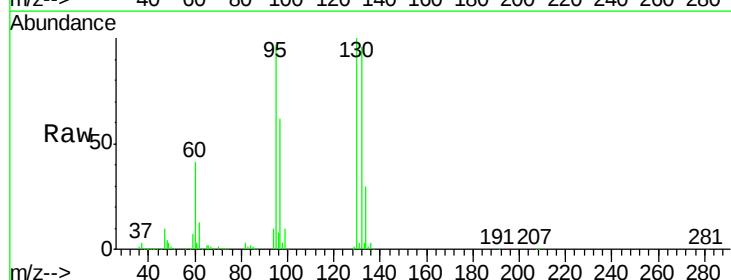
Manual Integrations
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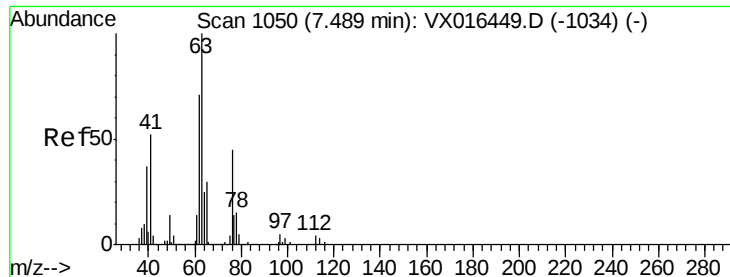
MMDadoda
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#44
Trichloroethene
Concen: 47.726 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	198.2





#45

1,2-Dichloropropane

Concen: 49.755 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 197789

Ion Ratio Lower Upper

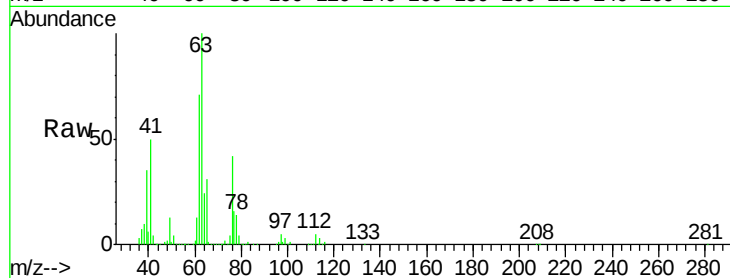
63 100

65 30.8 24.2 36.2

Manual Integrations
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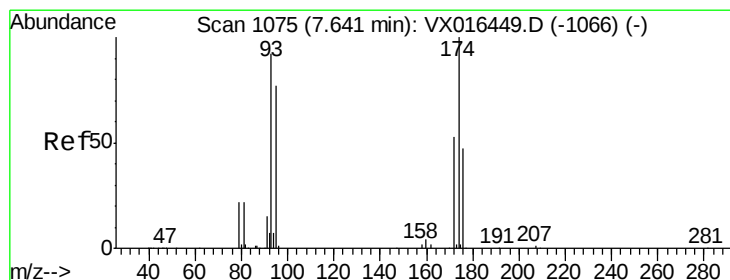
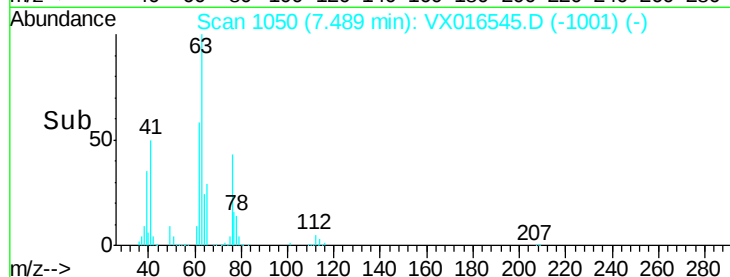
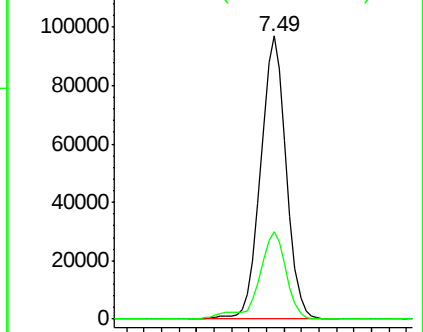
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.732 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

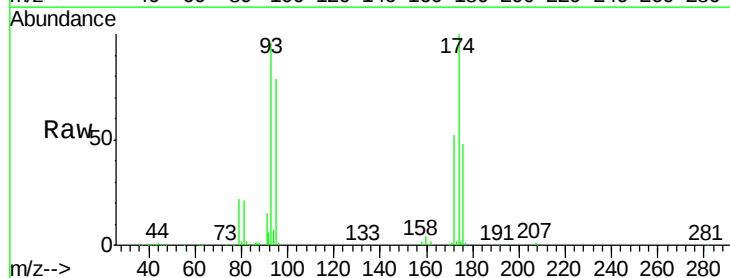
Tgt Ion: 93 Resp: 130119

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

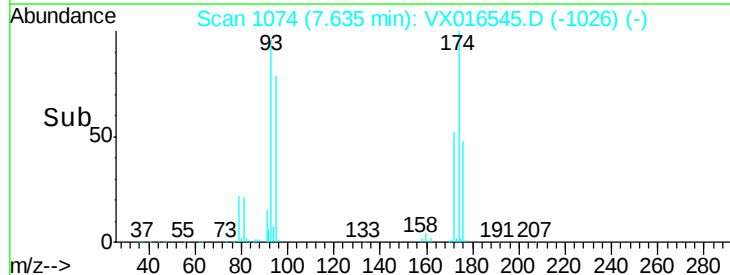
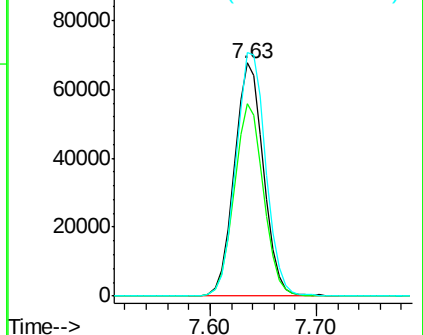
174 107.7 86.2 129.4

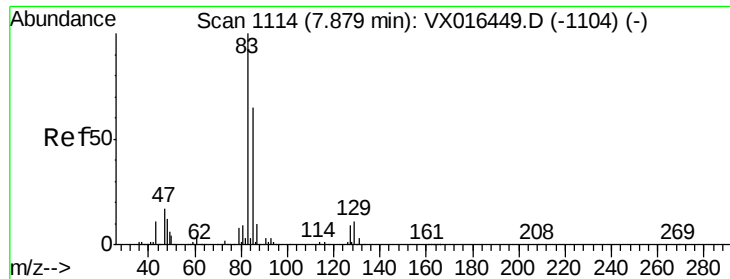


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.687 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

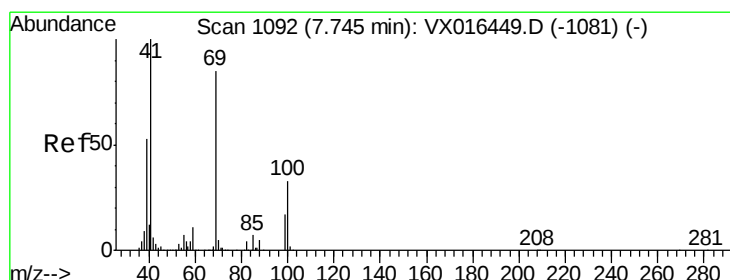
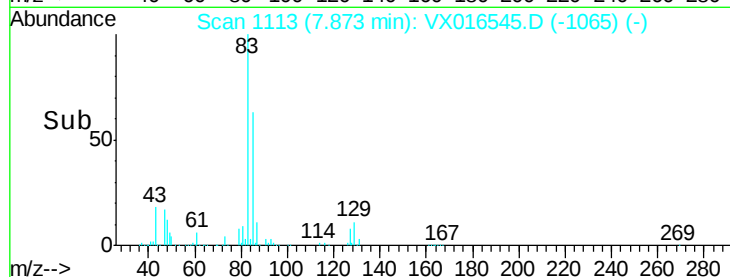
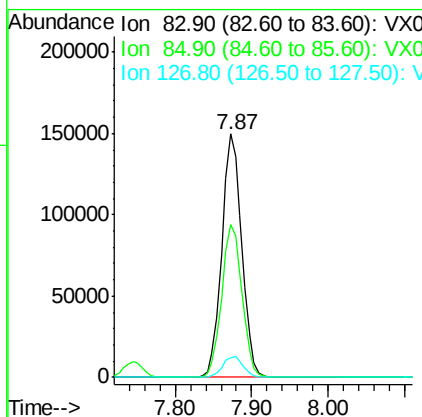
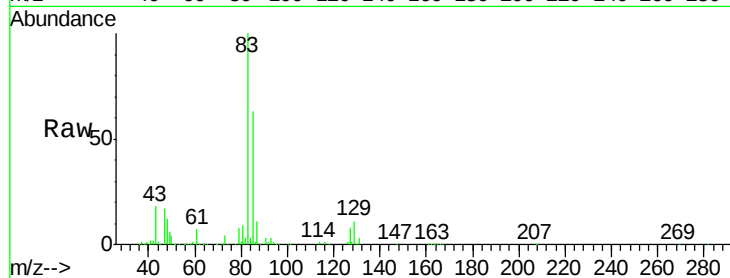
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	269171
Ion Ratio	Lower	Upper	
83	100		
85	62.8	52.0	78.0
127	8.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 48.363 ug/l

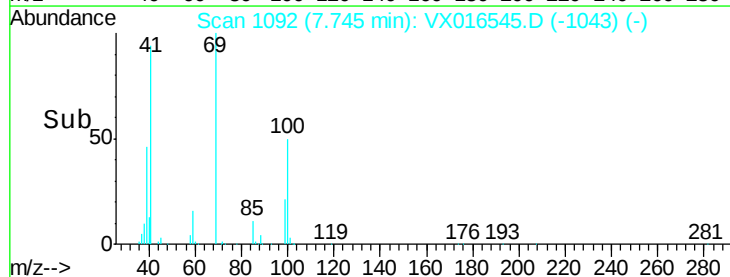
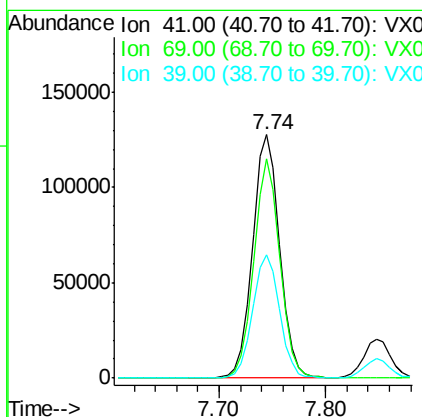
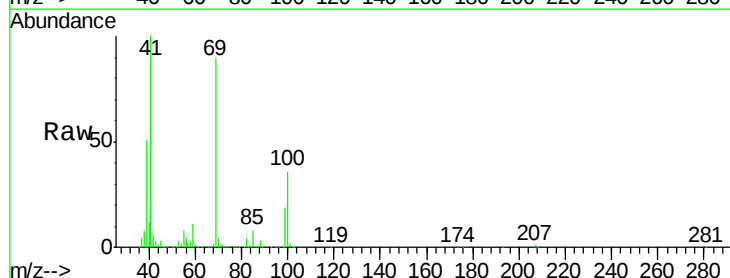
RT: 7.74 min Scan# 1092

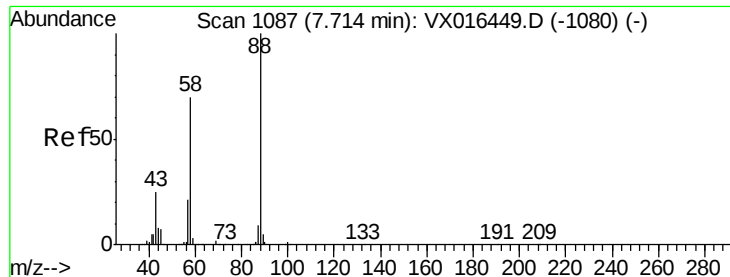
Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion:	41	Resp:	227387
Ion Ratio	Lower	Upper	
41	100		
69	87.5	68.6	102.8
39	50.3	42.4	63.6





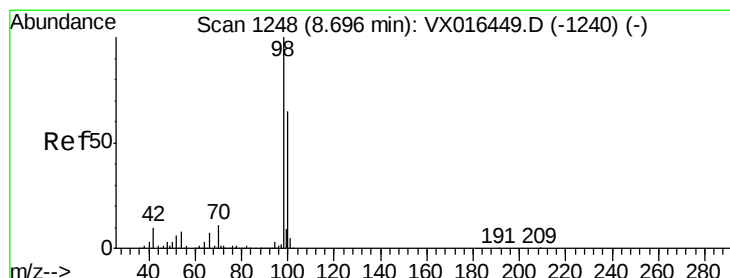
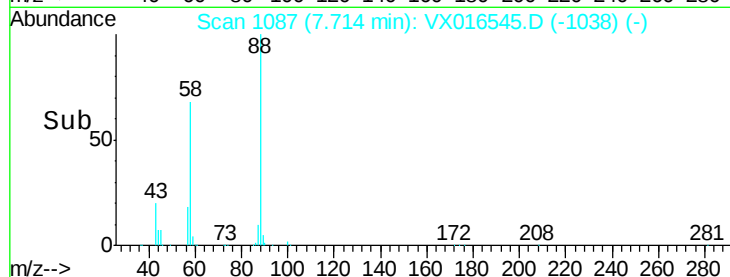
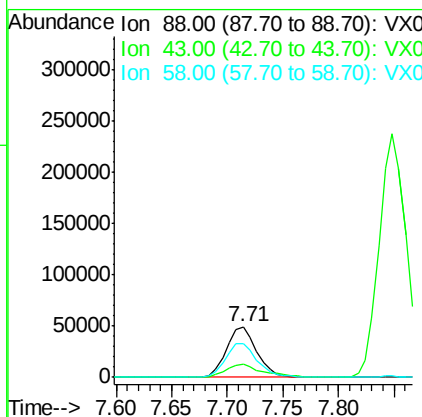
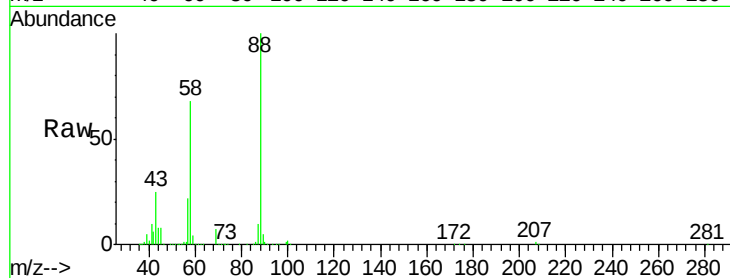
#49
1,4-Dioxane
Concen: 845.955 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	71.6	56.5	84.7

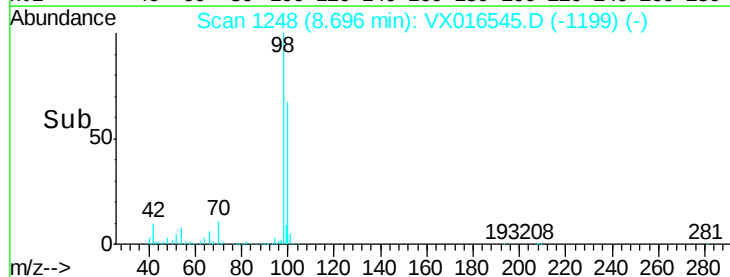
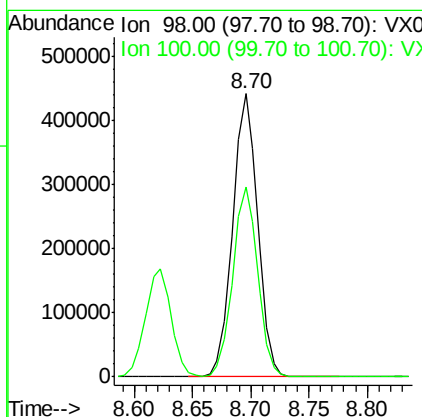
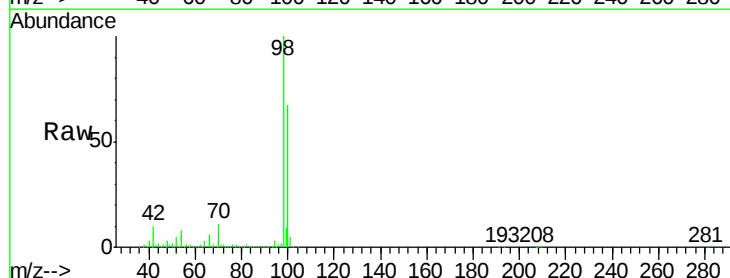
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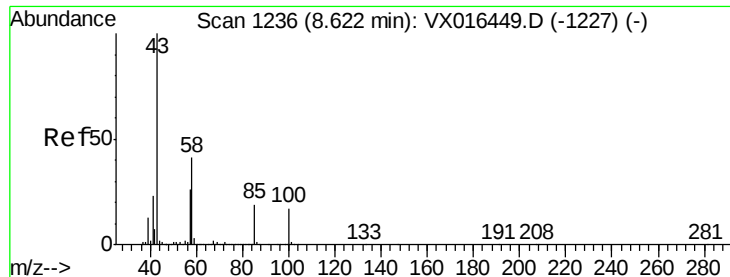
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#50
Toluene-d8
Concen: 49.728 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 241.417 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1476104

Ion Ratio Lower Upper

43 100

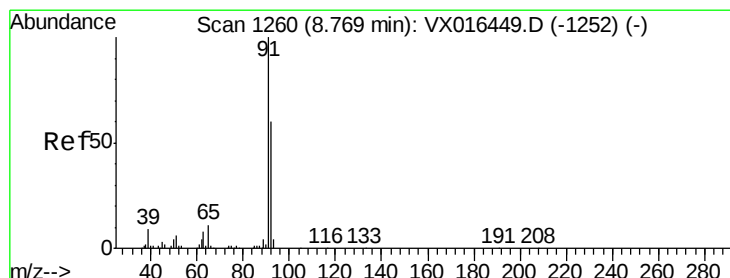
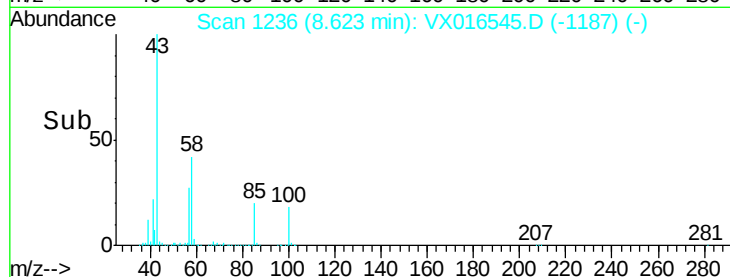
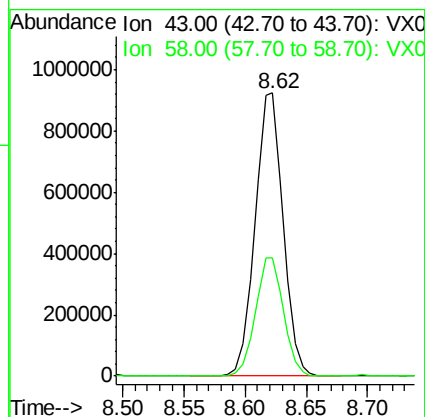
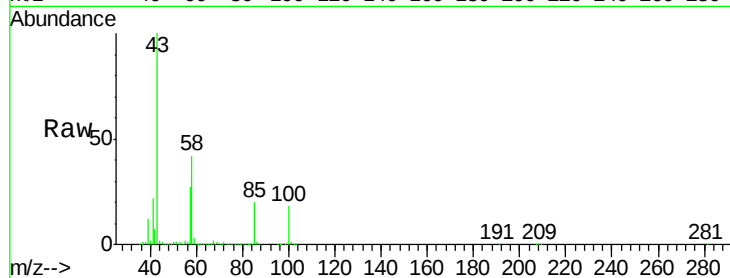
58 41.8 33.0 49.6

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#52

Toluene

Concen: 49.366 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016545.D

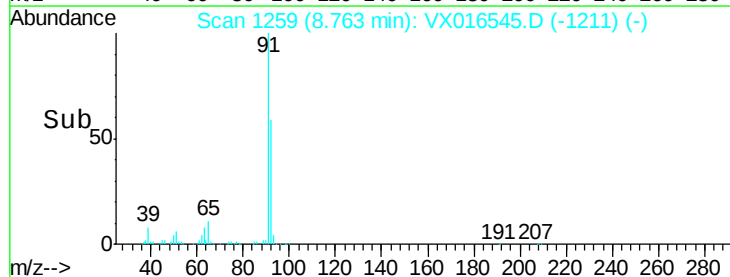
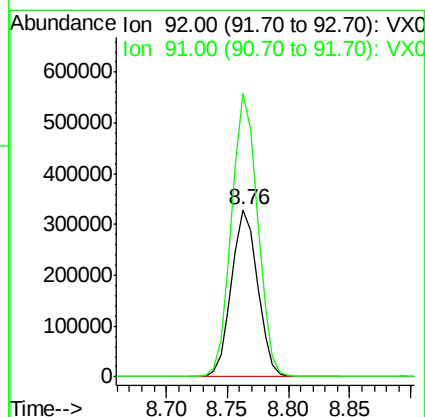
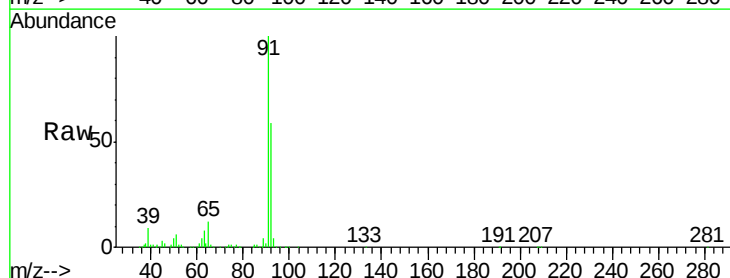
Acq: 02 Jun 2020 10:19

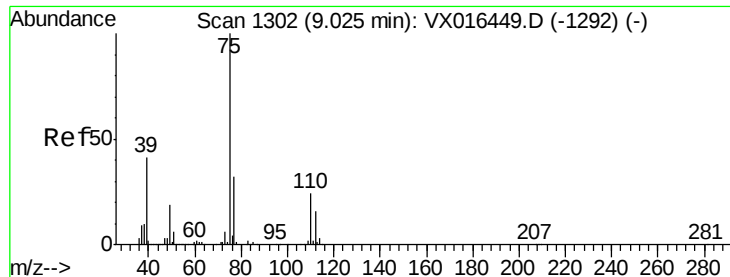
Tgt Ion: 92 Resp: 486096

Ion Ratio Lower Upper

92 100

91 169.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 50.805 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 319389

Ion Ratio Lower Upper

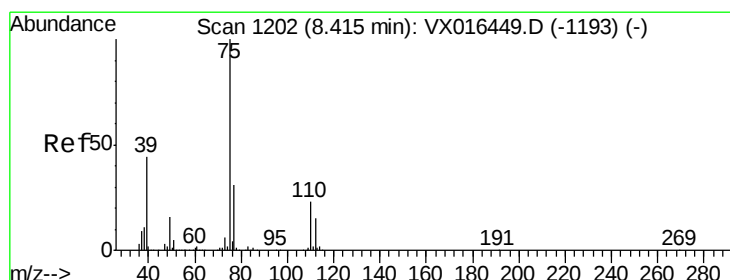
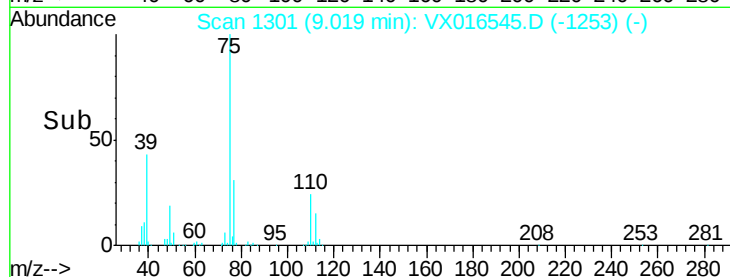
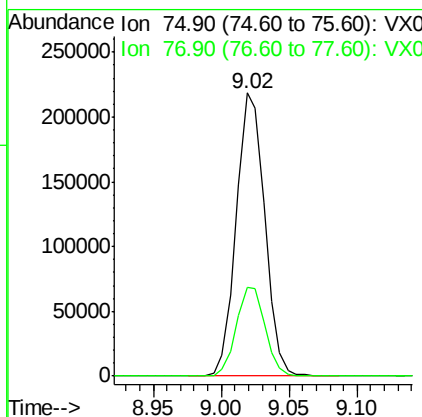
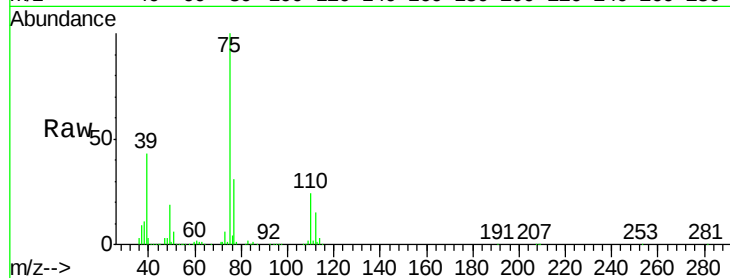
75 100

77 31.4 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 50.486 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

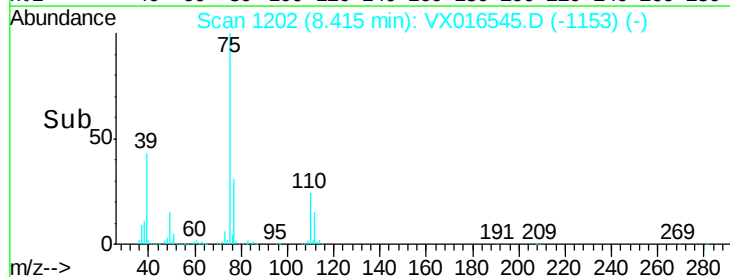
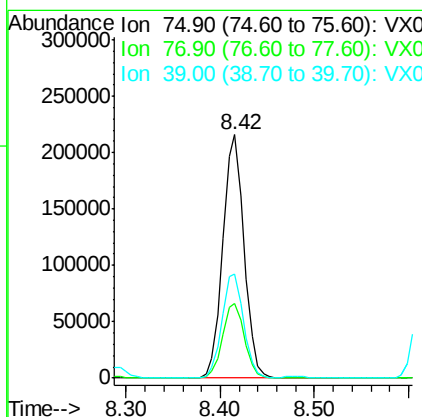
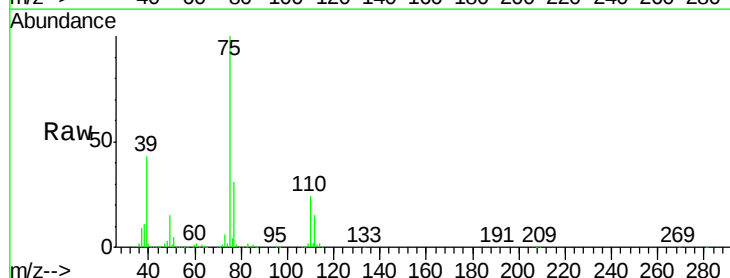
Tgt Ion: 75 Resp: 335942

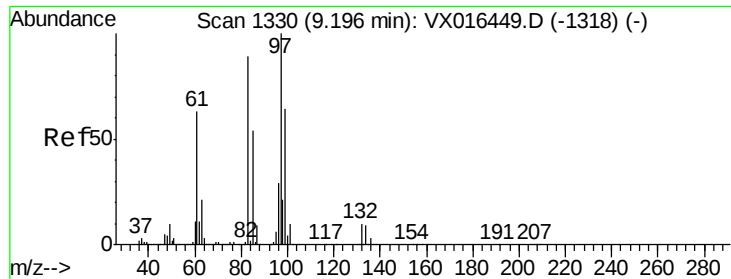
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 42.8 35.3 52.9





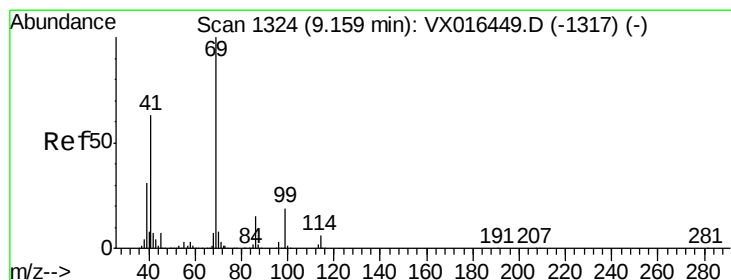
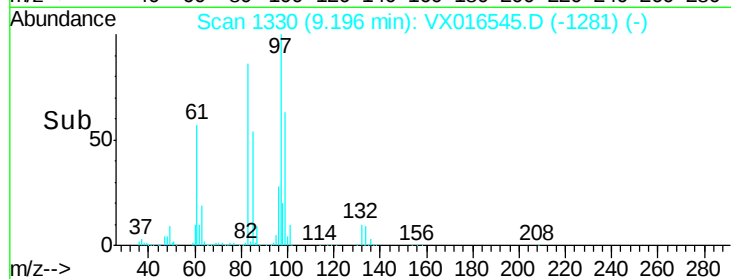
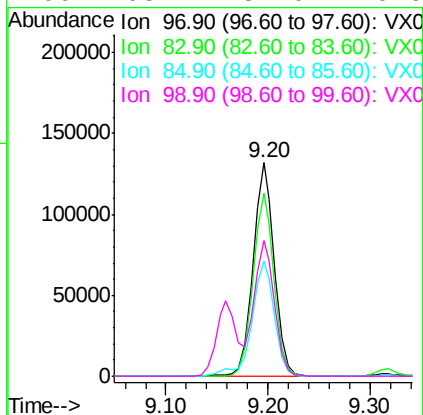
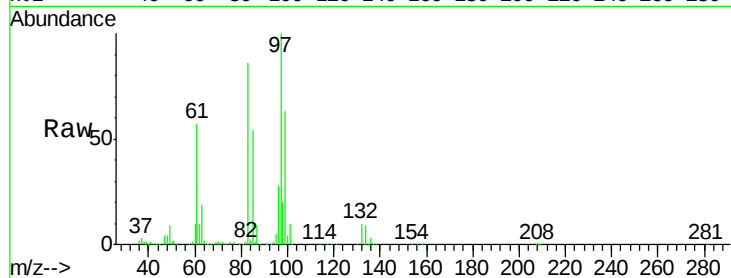
#55
 1,1,2-Trichloroethane
 Concen: 48.948 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	191635
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.9	106.3
85	54.2	43.4	65.2
99	63.4	51.0	76.6

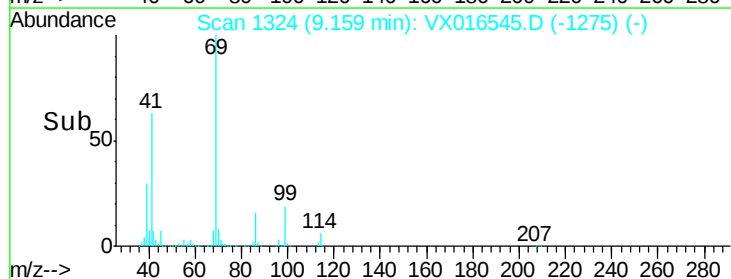
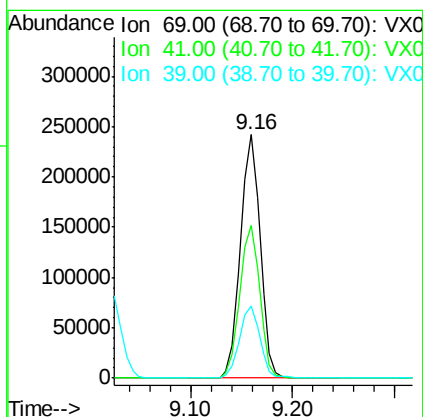
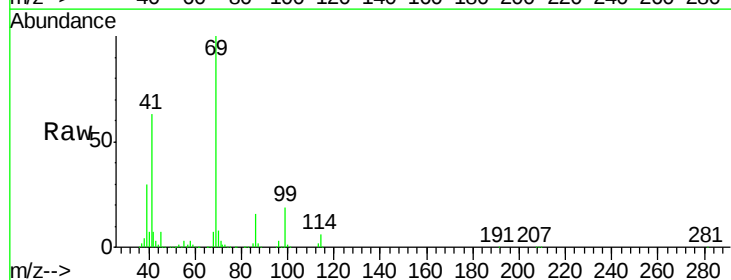
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#56
 Ethyl methacrylate
 Concen: 50.598 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion:	69	Resp:	322623
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 49.264 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 331059

Ion Ratio Lower Upper

76 100

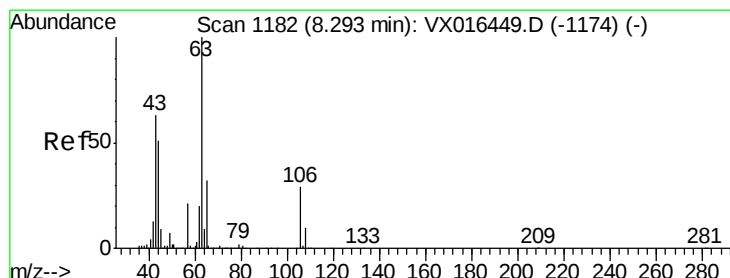
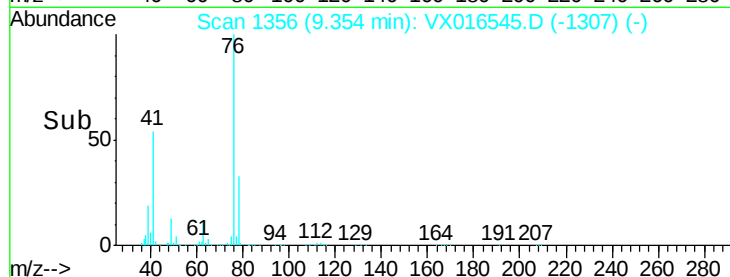
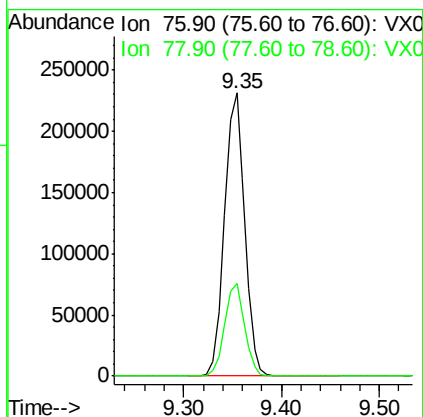
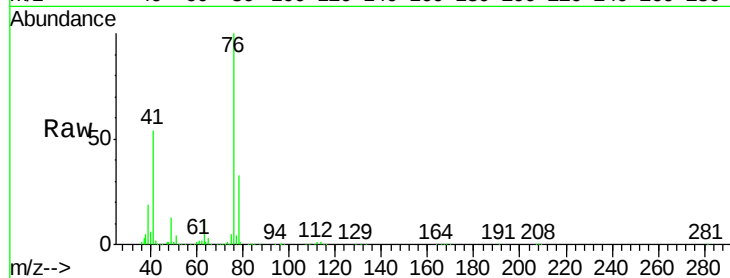
78 32.6 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 250.501 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016545.D

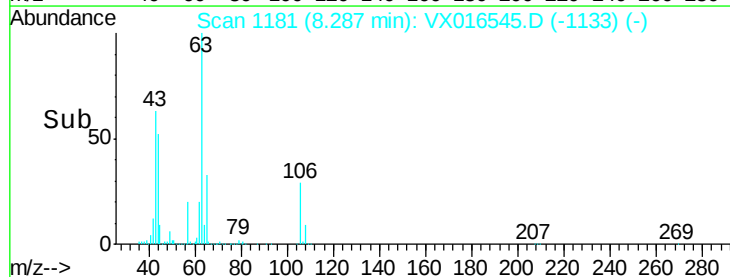
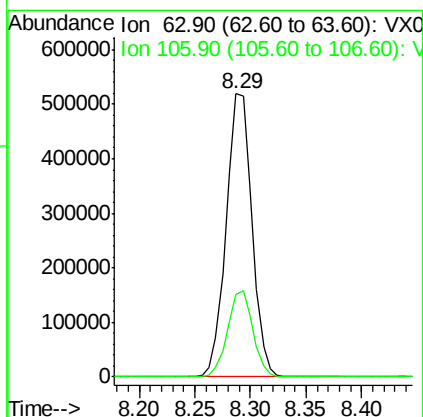
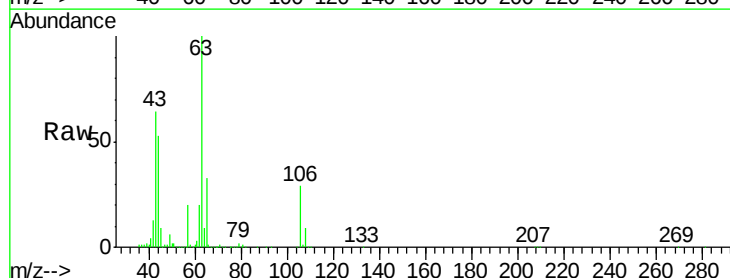
Acq: 02 Jun 2020 10:19

Tgt Ion: 63 Resp: 833704

Ion Ratio Lower Upper

63 100

106 29.8 23.2 34.8





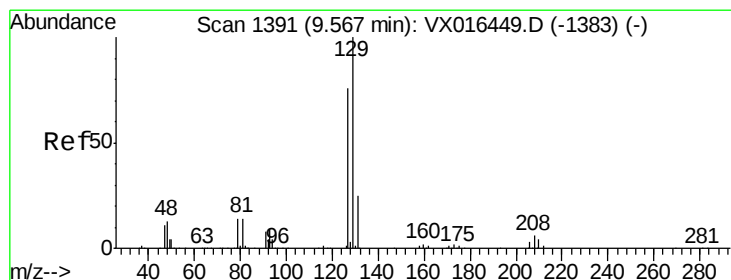
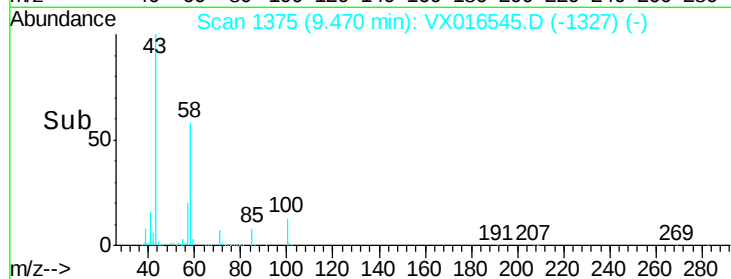
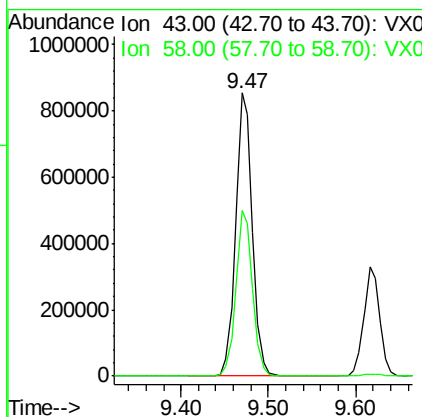
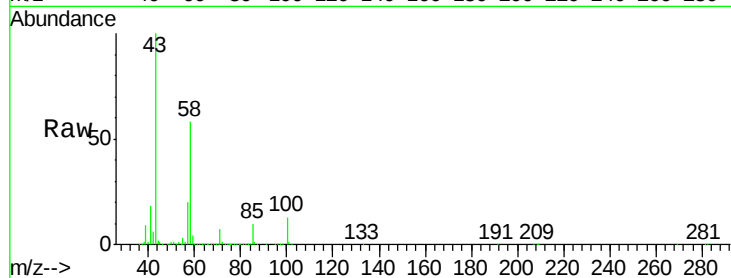
#59
2-Hexanone
Concen: 239.622 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1139365
Ion Ratio Lower Upper
43 100
58 58.4 28.8 86.4

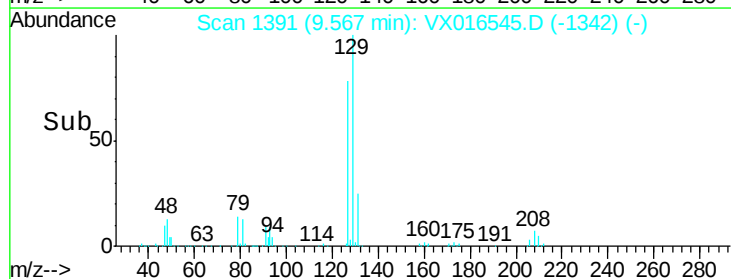
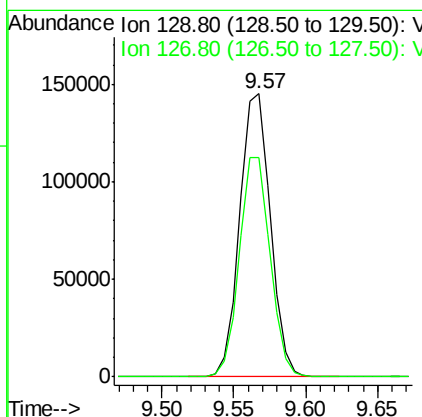
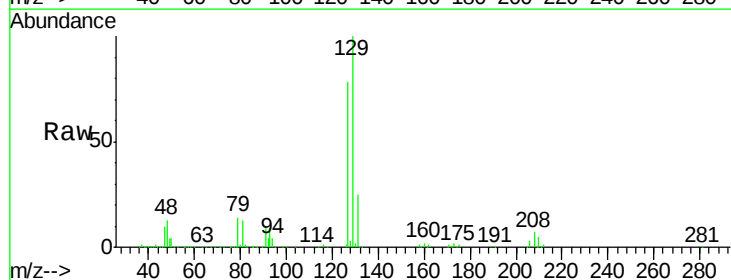
Manual Integrations
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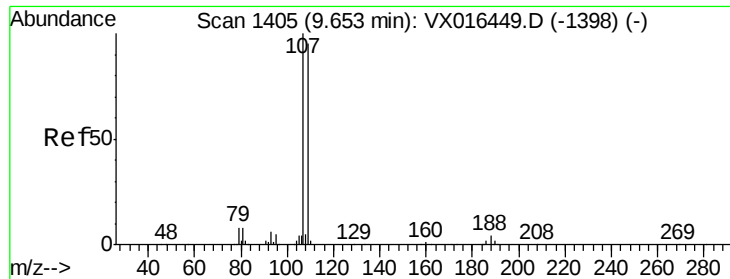
MMDadoda
6/3/2020 9:51:24 AM



#60
Dibromochloromethane
Concen: 48.750 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 129 Resp: 214789
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





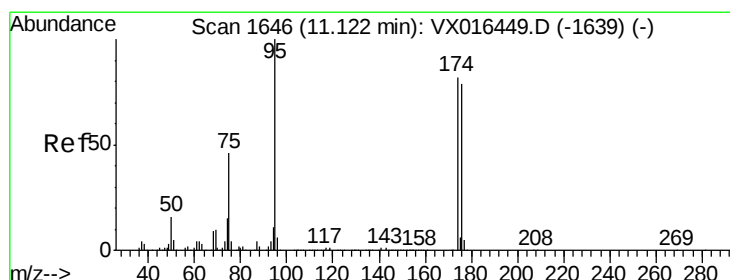
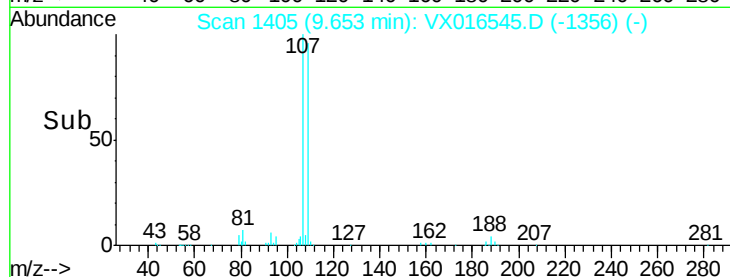
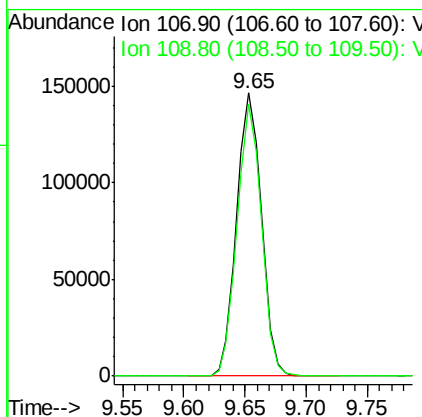
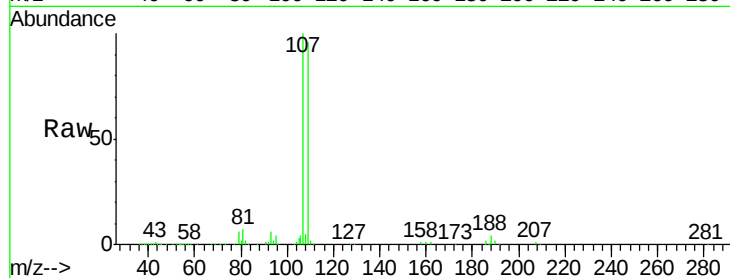
#61
 1,2-Dibromoethane
 Concen: 49.134 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.5	113.3

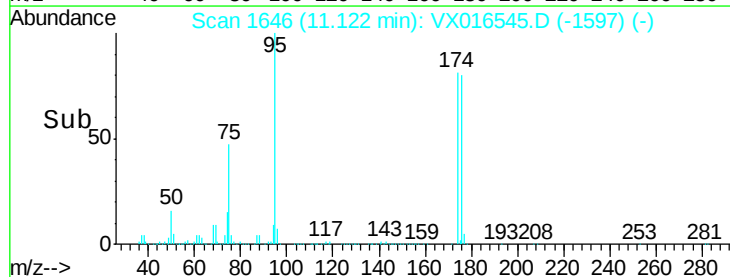
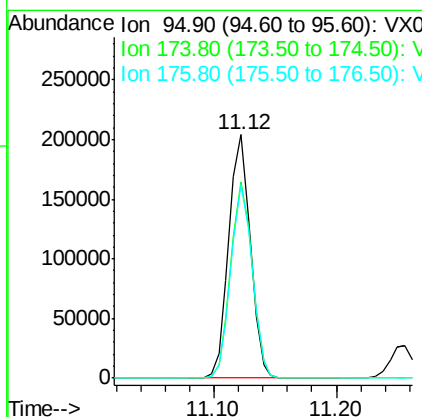
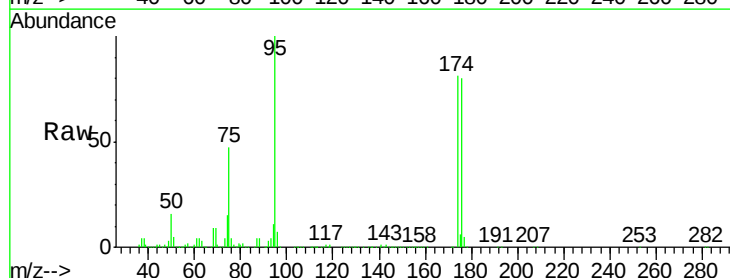
Manual Integrations
 APPROVED

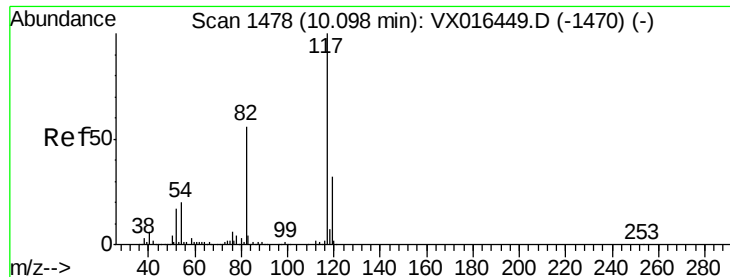
MMDadoda
 6/3/2020 9:51:24 AM



#62
 4-Bromofluorobenzene
 Concen: 48.512 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	163.0
176	78.9	0.0	156.8





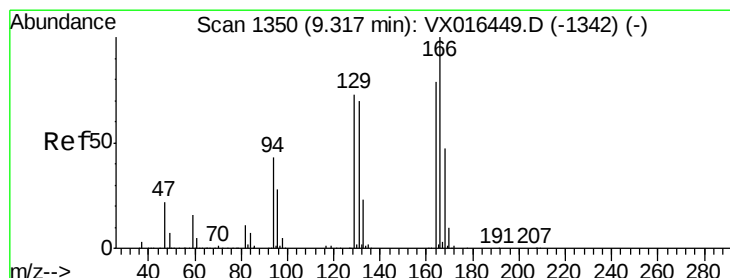
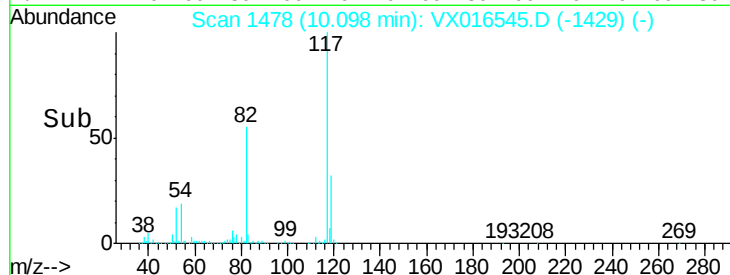
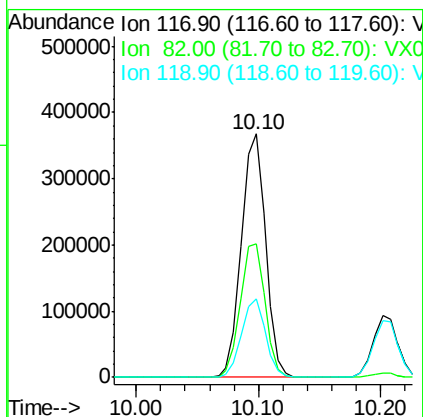
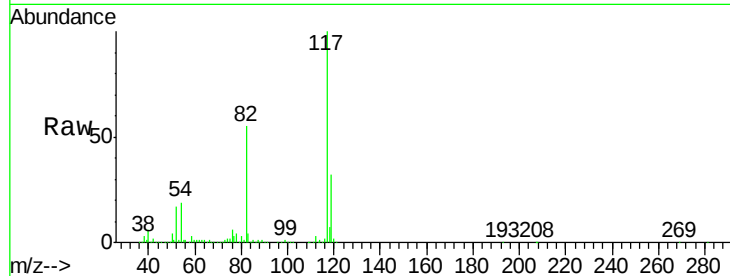
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.6
119	32.3	25.8	38.8

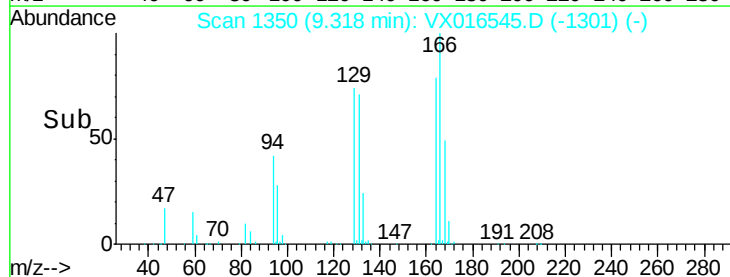
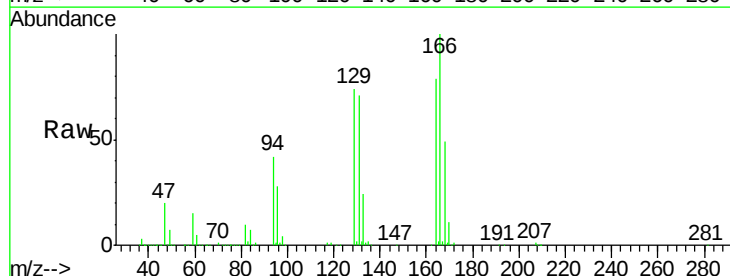
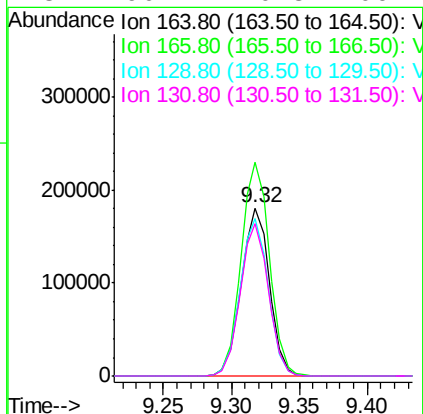
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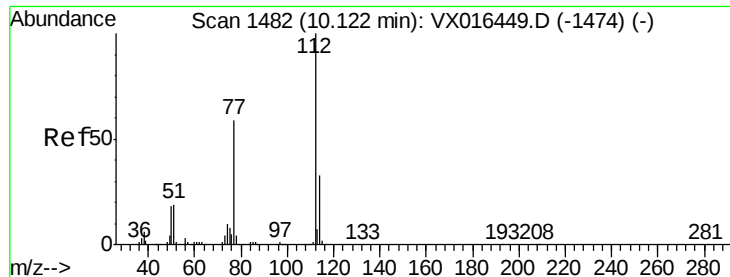
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#64
Tetrachloroethene
Concen: 46.290 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.9	151.3
129	93.6	73.2	109.8
131	90.7	70.8	106.2





#65

Chlorobenzene

Concen: 50.014 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 514690

Ion Ratio Lower Upper

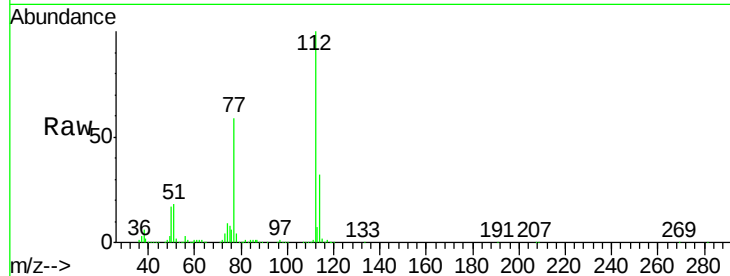
112 100

114 32.3 26.0 39.0

Manual Integrations
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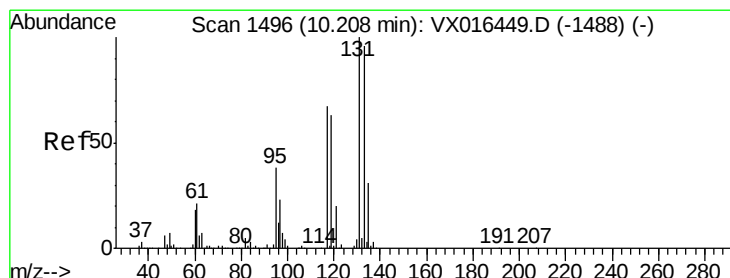
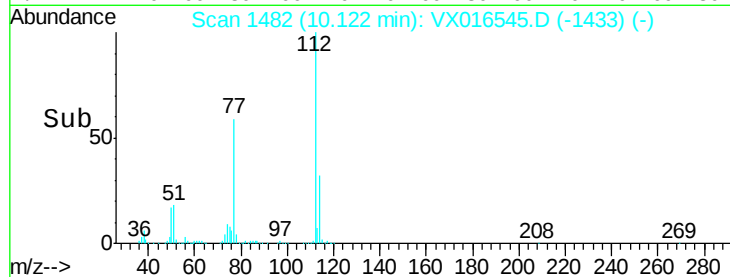
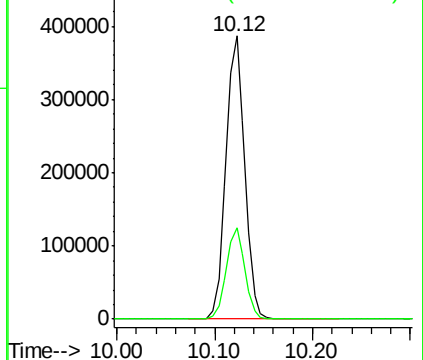
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.570 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

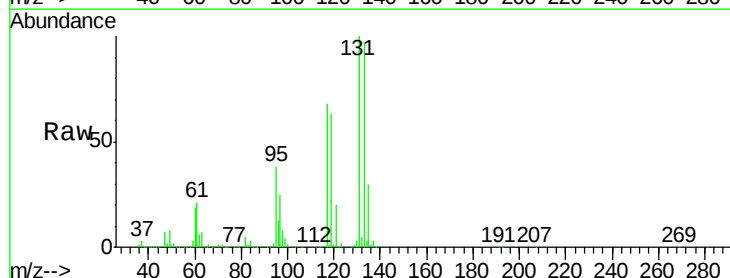
Tgt Ion:131 Resp: 194724

Ion Ratio Lower Upper

131 100

133 96.6 48.4 145.3

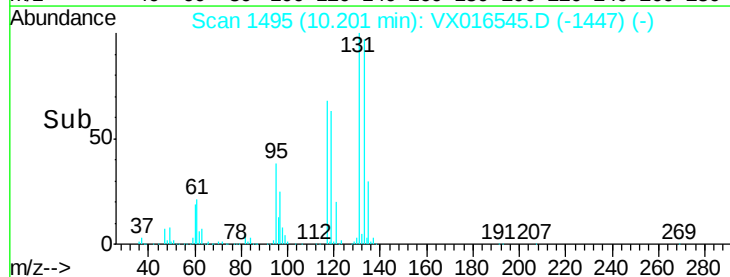
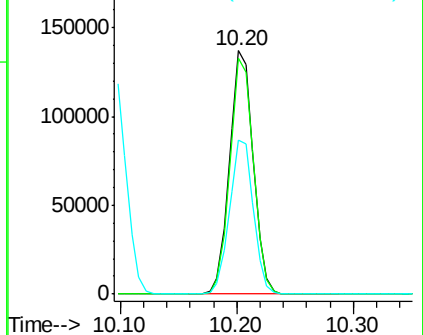
119 63.7 32.0 96.2

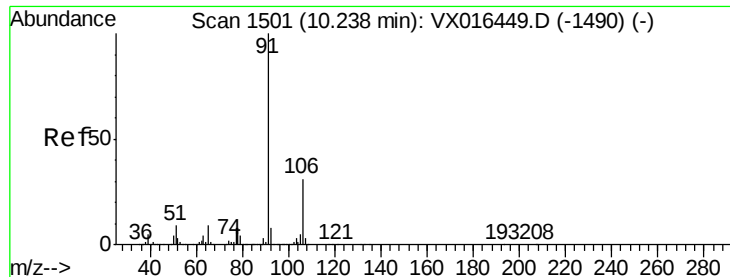


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





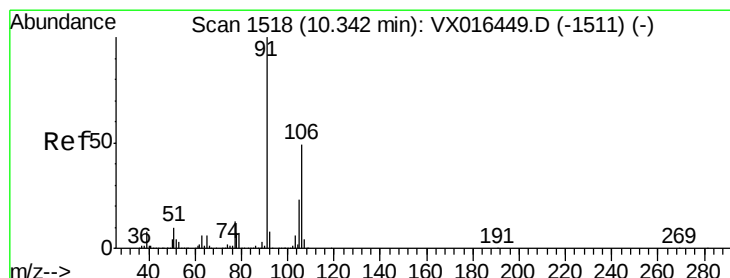
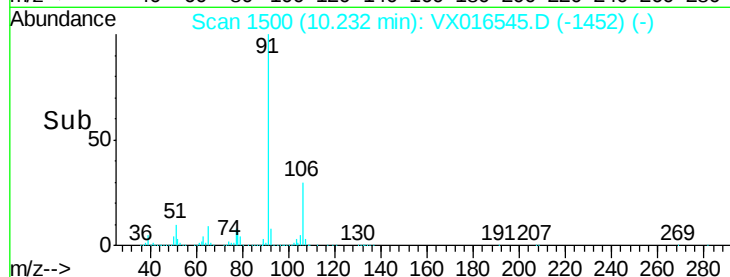
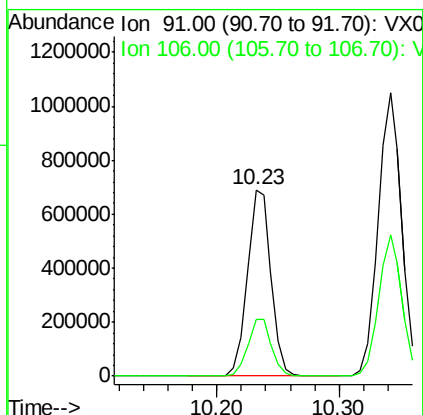
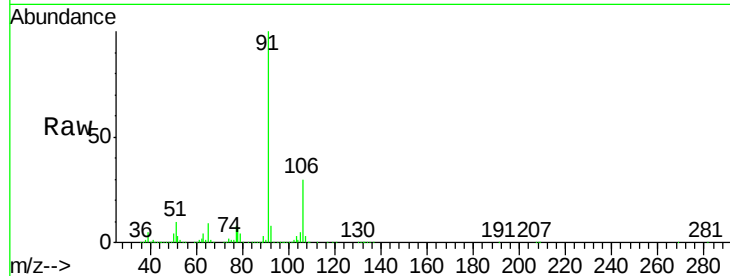
#67
Ethyl Benzene
Concen: 50.226 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 920239
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4

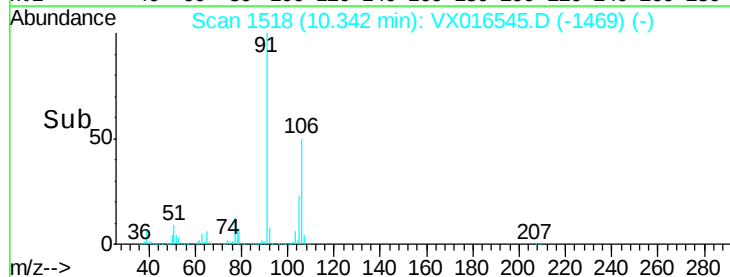
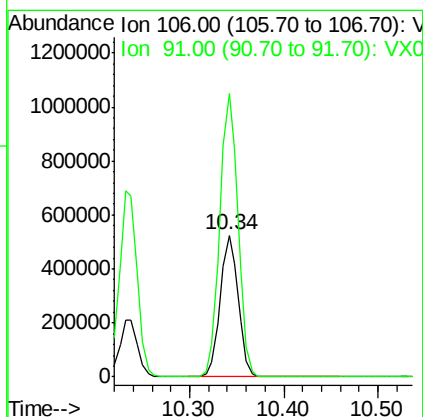
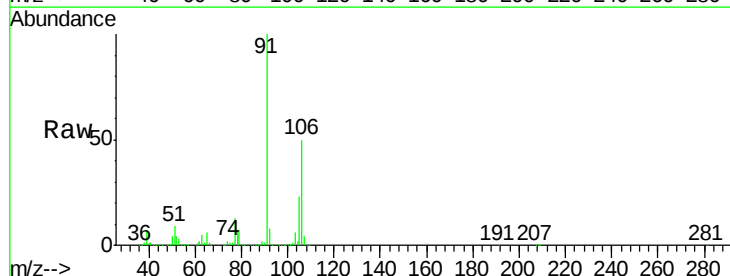
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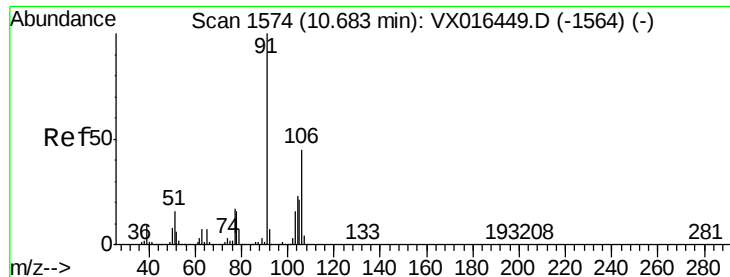
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#68
m/p-Xylenes
Concen: 102.098 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 106 Resp: 693583
Ion Ratio Lower Upper
106 100
91 202.7 163.8 245.8





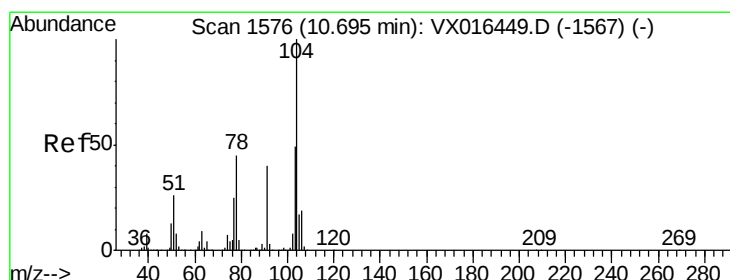
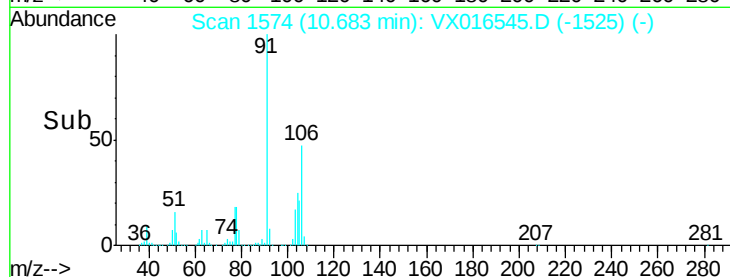
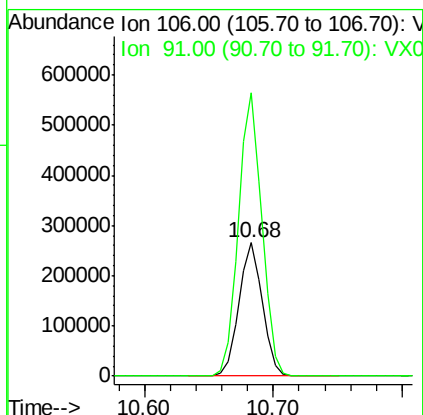
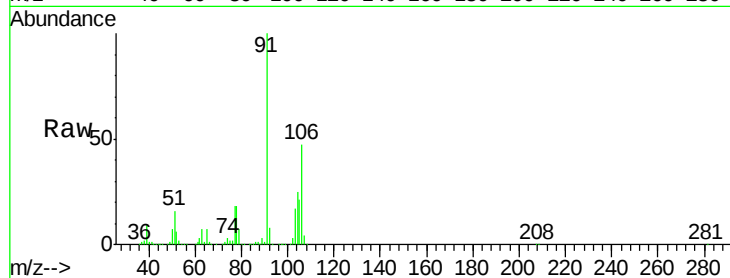
#69
o-Xylene
Concen: 50.807 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 334262
Ion Ratio Lower Upper
106 100
91 213.0 109.6 328.8

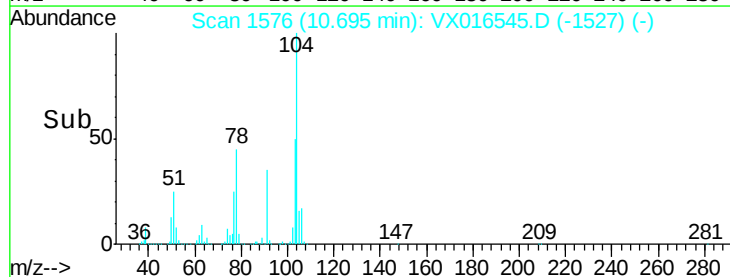
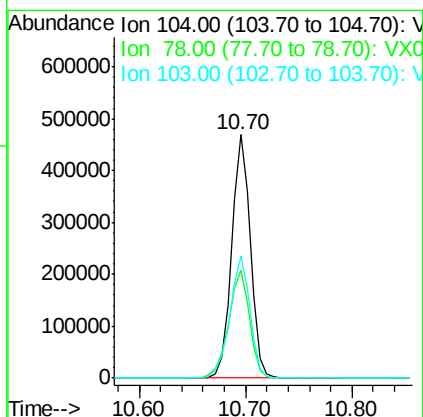
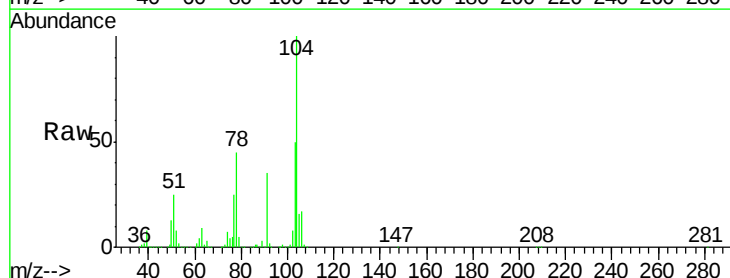
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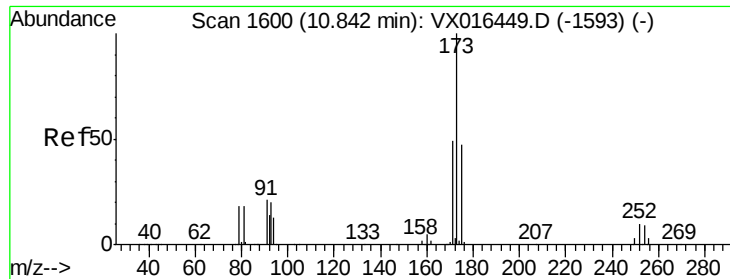
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#70
Styrene
Concen: 51.179 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:104 Resp: 578758
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 49.577 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

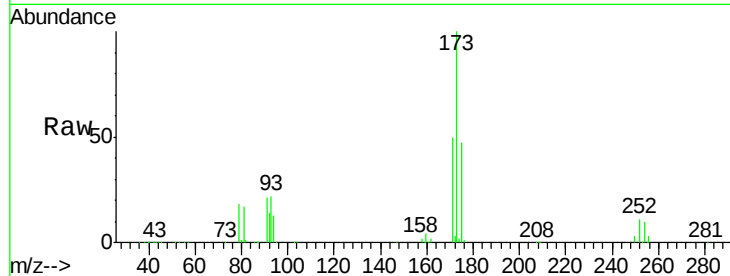
ClientSampleId :

VSTDCCC050

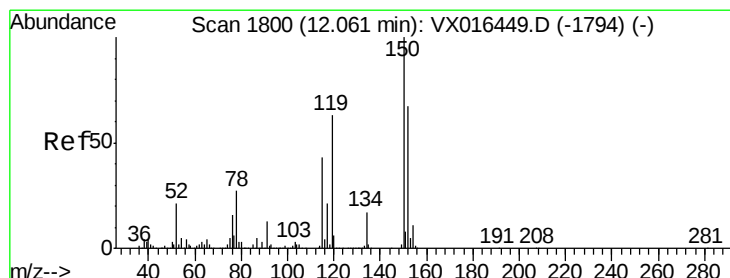
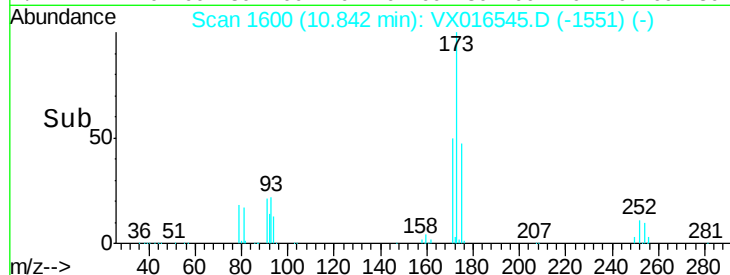
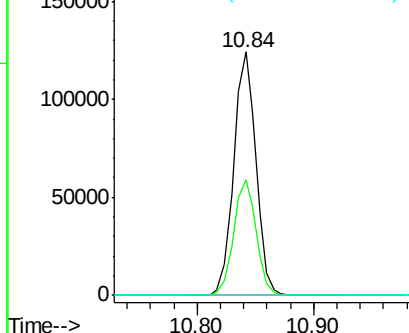
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

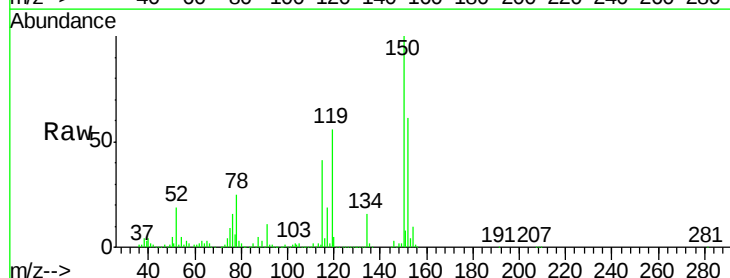
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

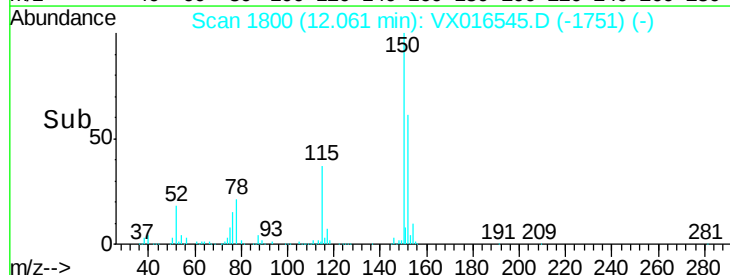
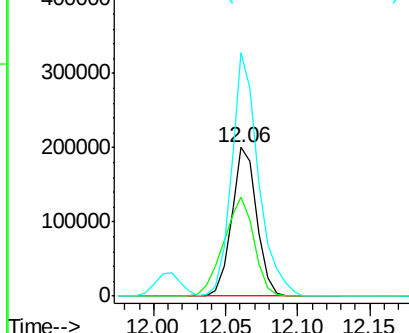
Lab File: VX016545.D

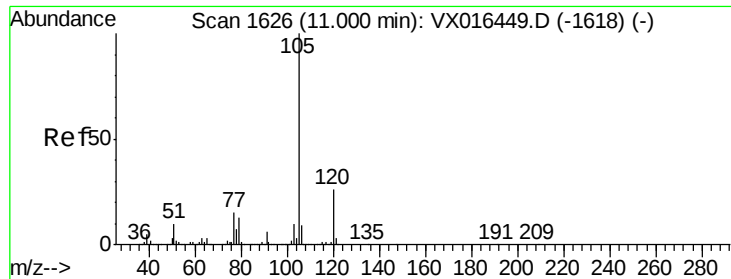
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.7	39.9	119.6
150	175.5	0.0	341.0



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





#73

Isopropylbenzene

Concen: 52.001 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 875548

Ion Ratio Lower Upper

105 100

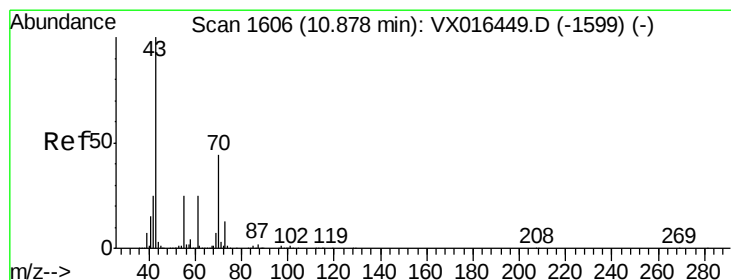
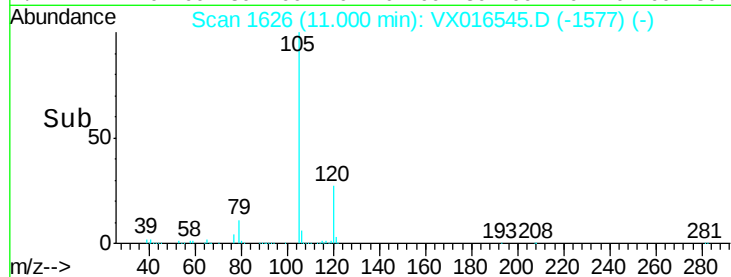
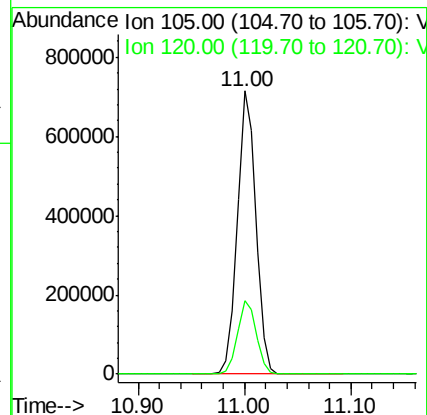
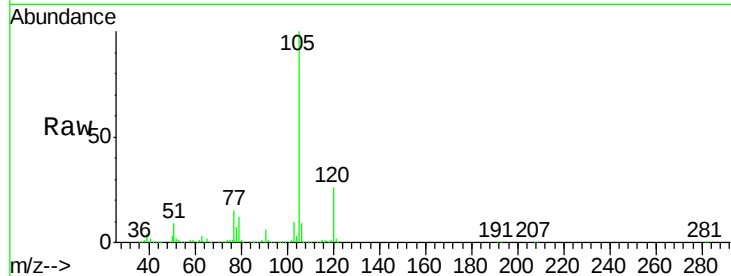
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 51.853 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion: 43 Resp: 401581

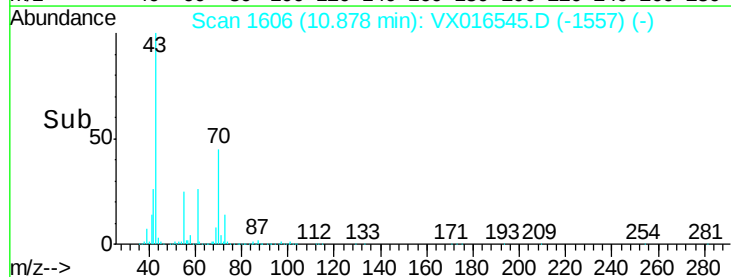
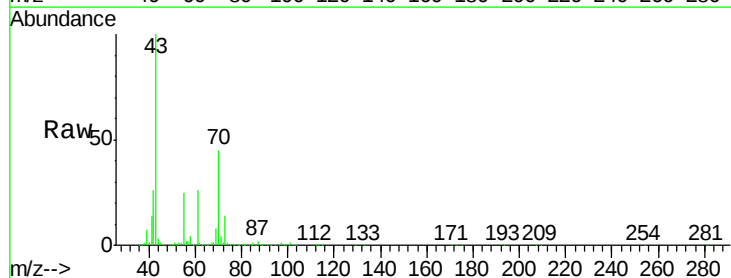
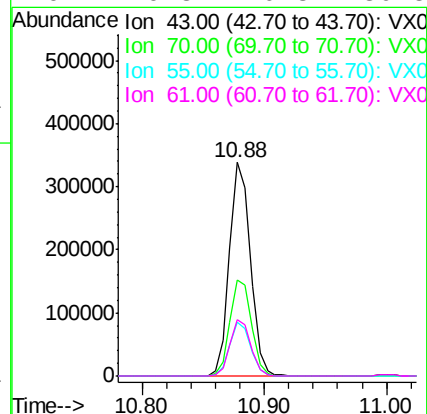
Ion Ratio Lower Upper

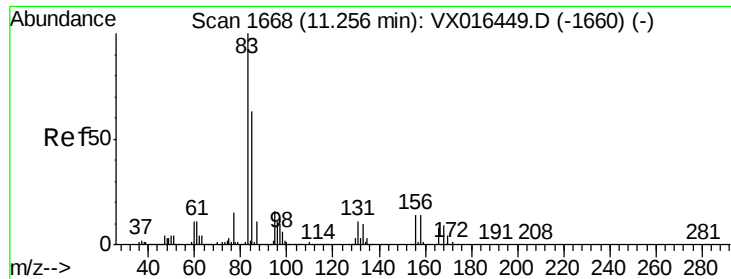
43 100

70 46.2 36.1 54.1

55 25.1 20.2 30.4

61 26.3 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.859 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

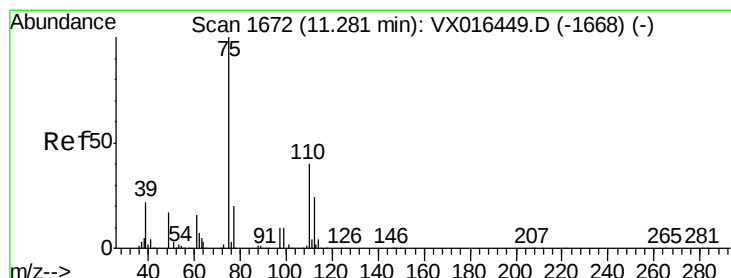
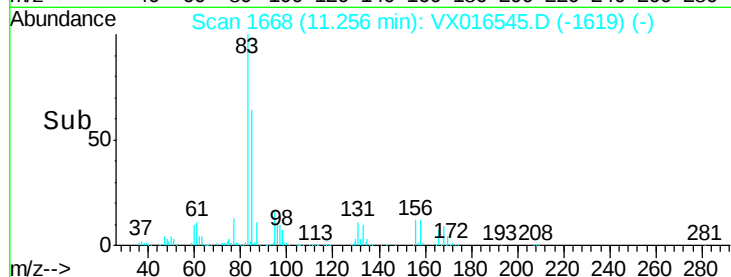
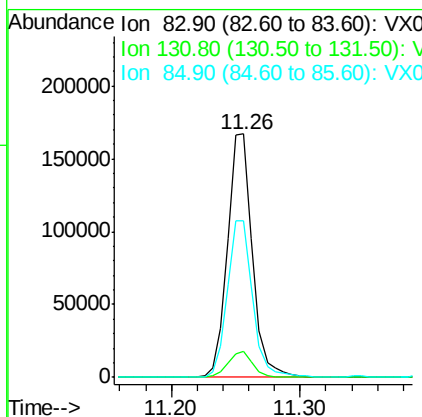
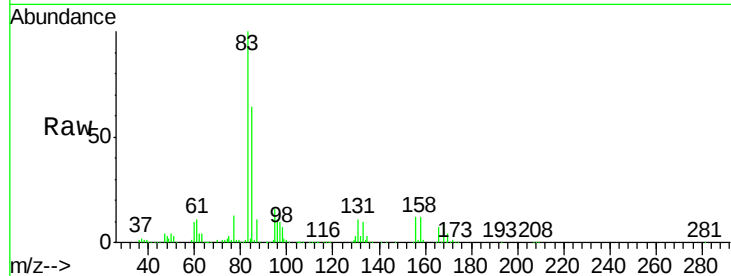
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	227270
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 51.609 ug/l m

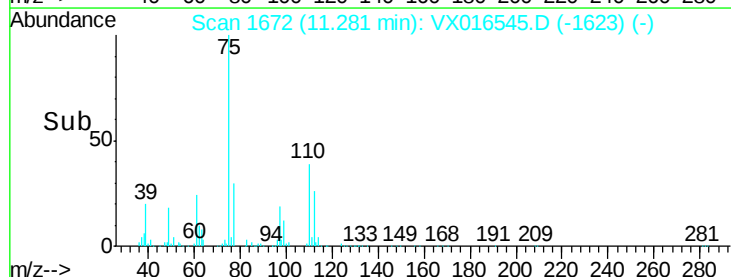
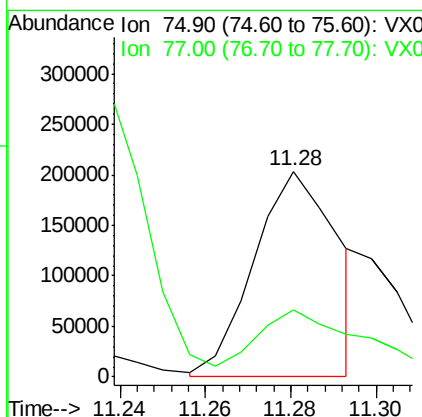
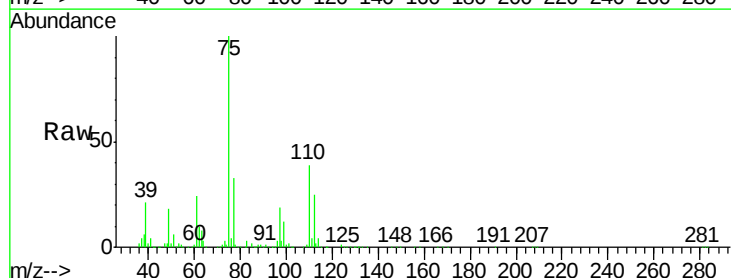
RT: 11.28 min Scan# 1672

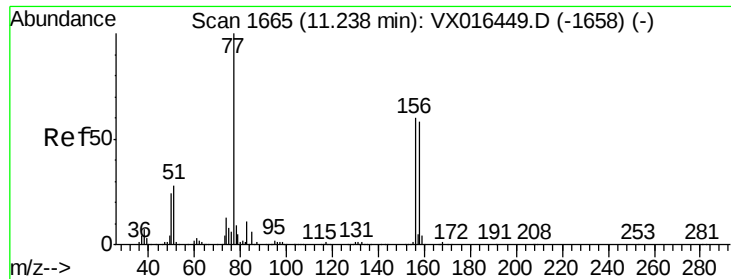
Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion:	75	Resp:	275657
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.3	63.7





#77

Bromobenzene

Concen: 50.659 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

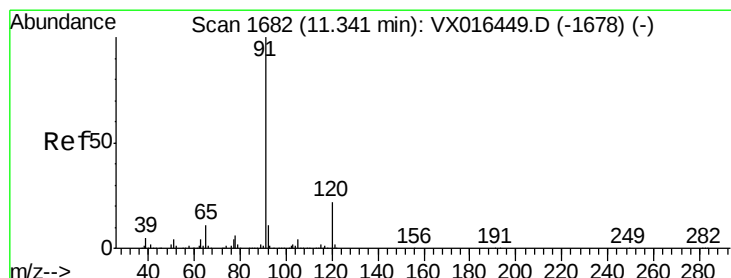
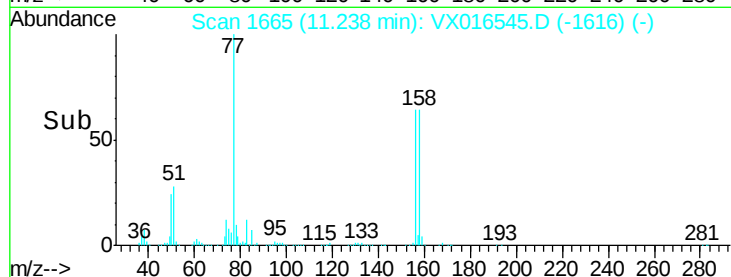
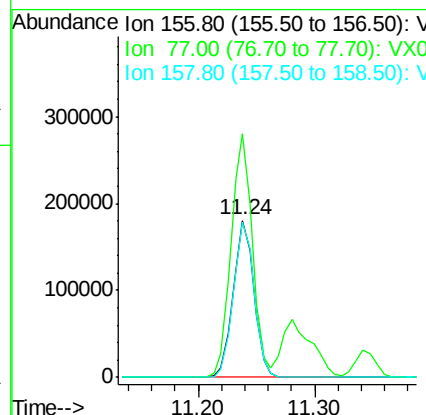
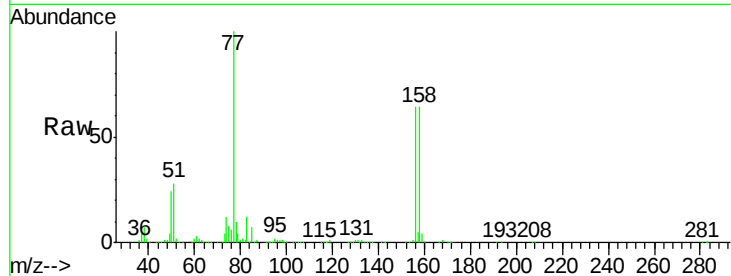
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.0	79.6	238.8
158	98.9	48.1	144.4

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#78

n-propylbenzene

Concen: 52.384 ug/l

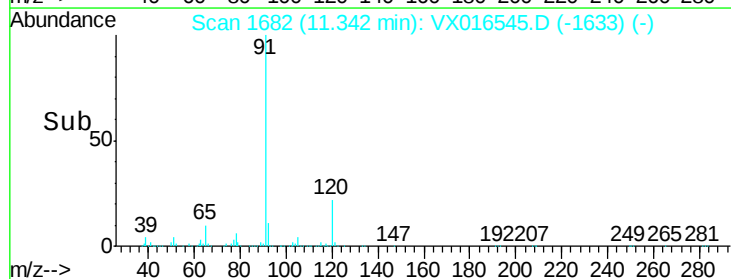
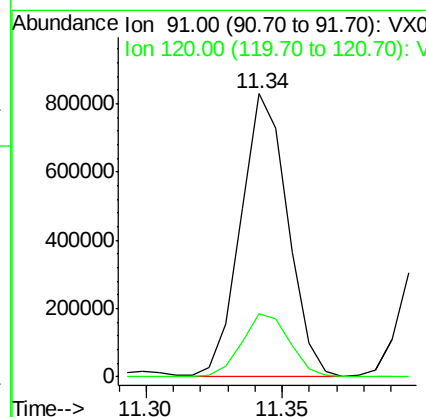
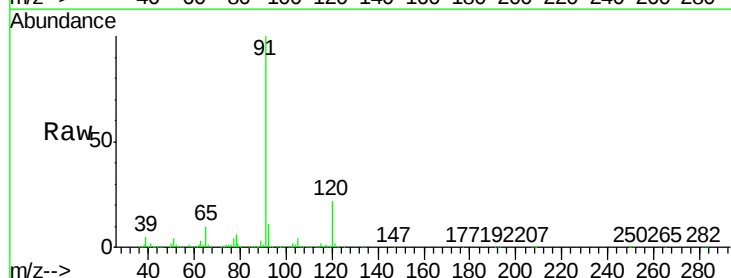
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.6	34.7





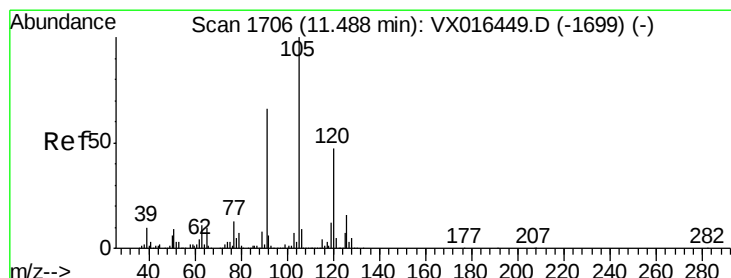
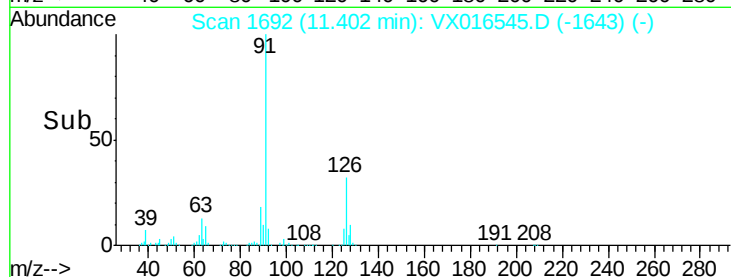
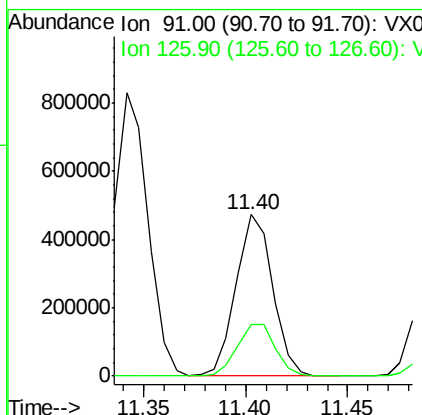
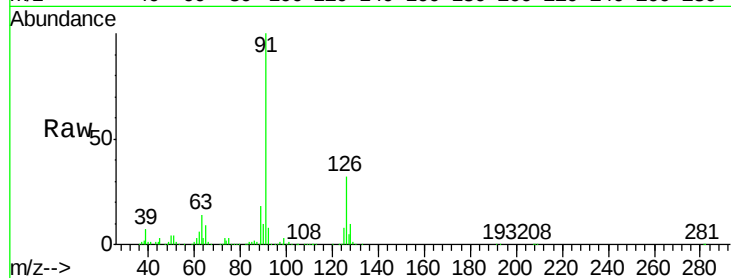
#79
2-Chlorotoluene
Concen: 51.307 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 589110
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3

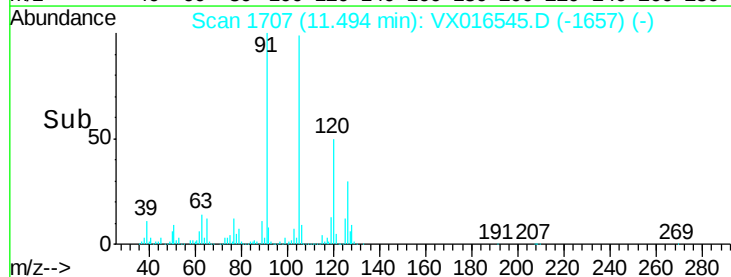
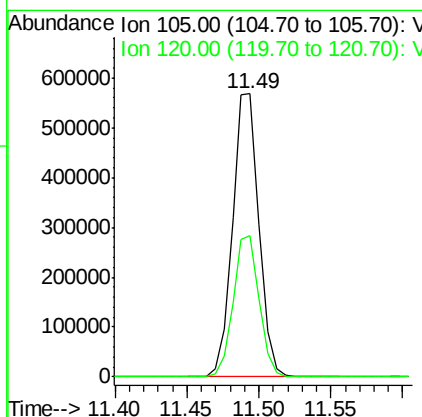
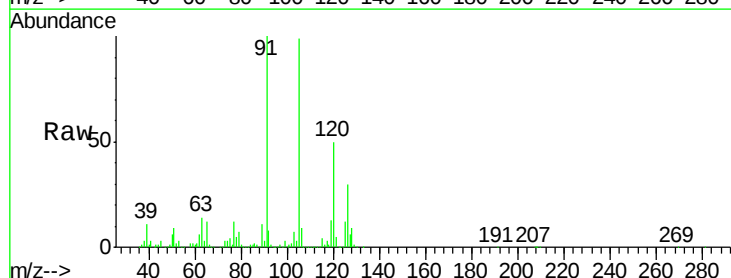
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 51.604 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 105 Resp: 725484
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





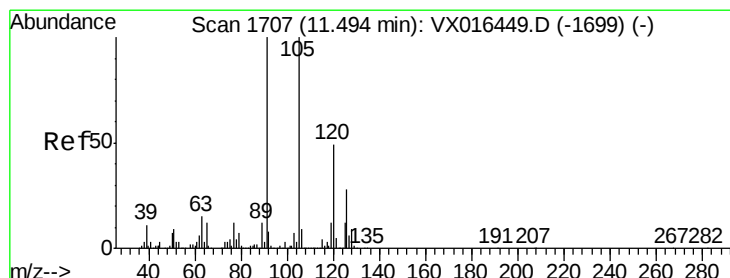
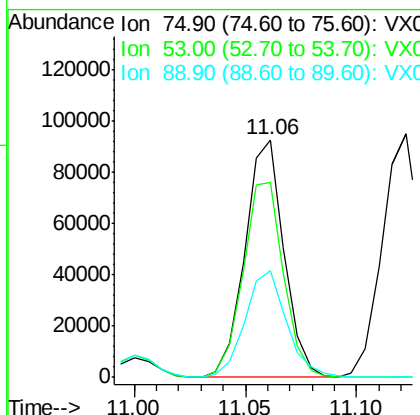
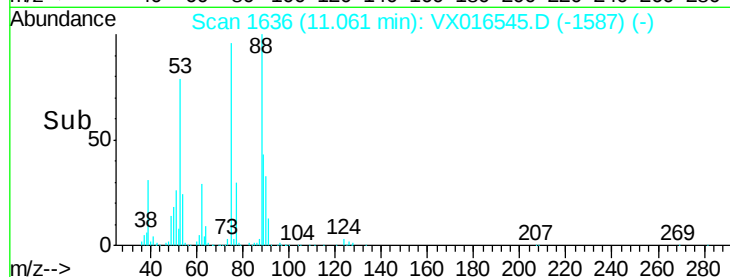
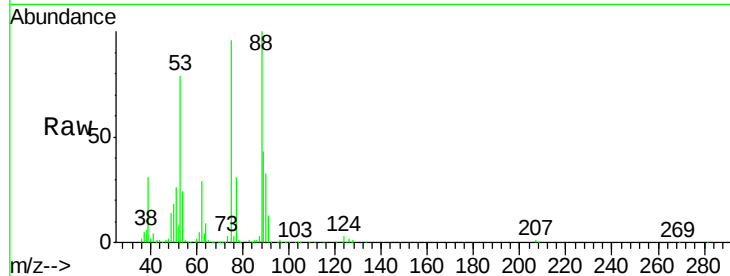
#81
trans-1,4-Dichloro-2-butene
Concen: 51.756 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.5	71.3	106.9
89	48.4	36.6	55.0

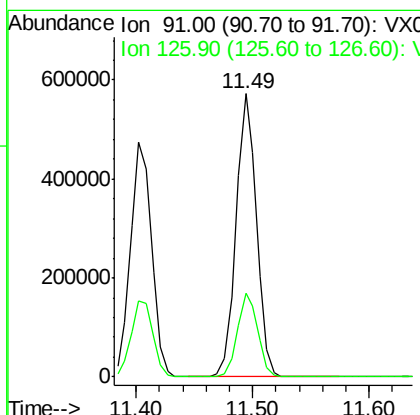
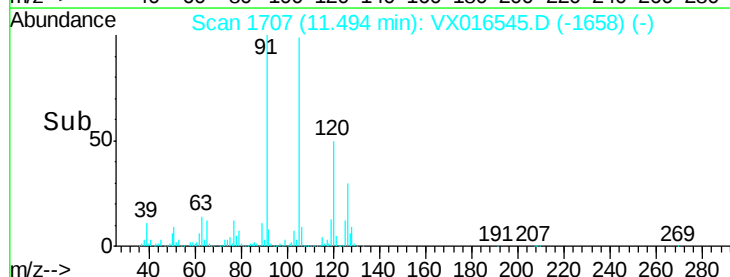
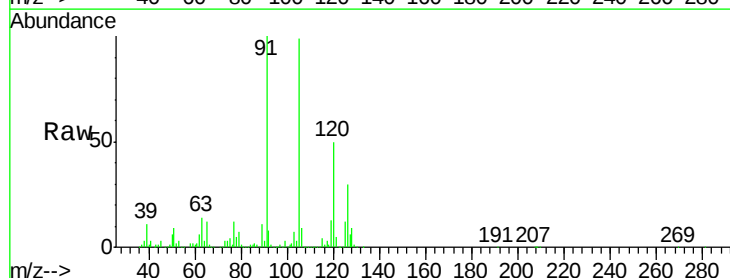
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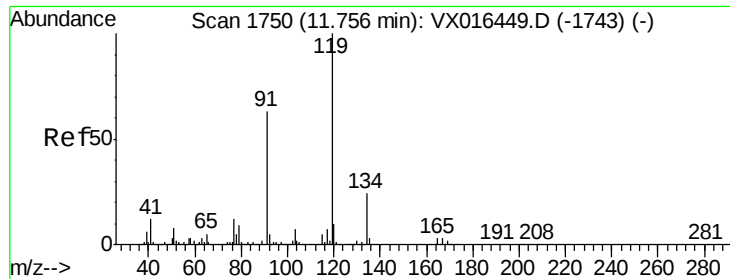
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#82
4-Chlorotoluene
Concen: 51.498 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.7	44.1





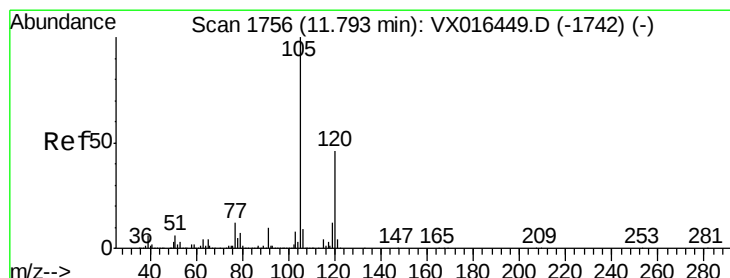
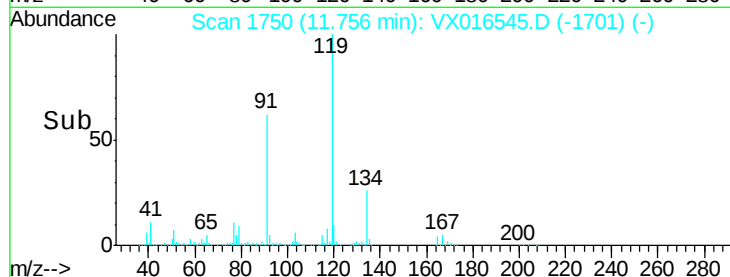
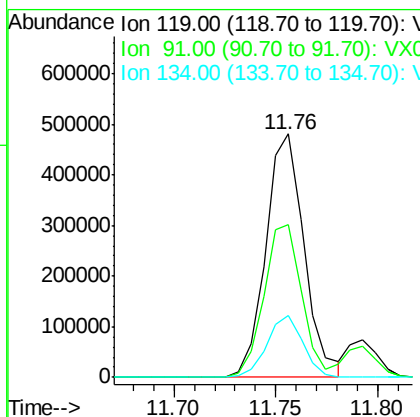
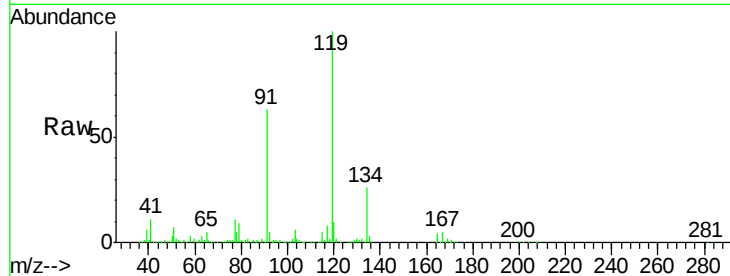
#83
tert-Butylbenzene
Concen: 52.375 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.3	93.8
134	24.0	12.0	36.0

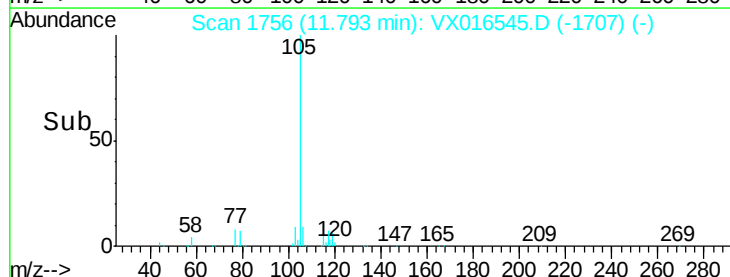
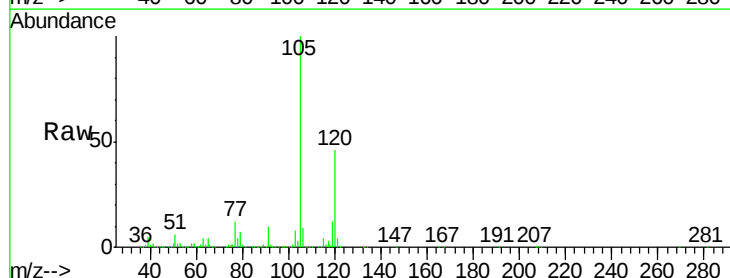
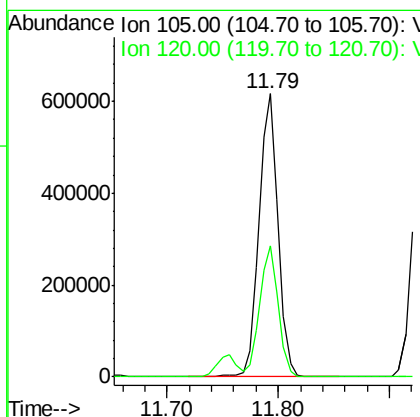
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#84
1,2,4-Trimethylbenzene
Concen: 51.680 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7





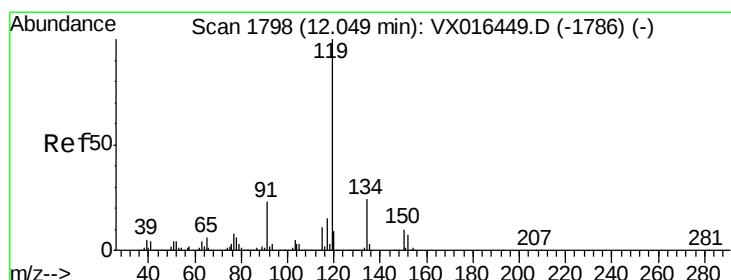
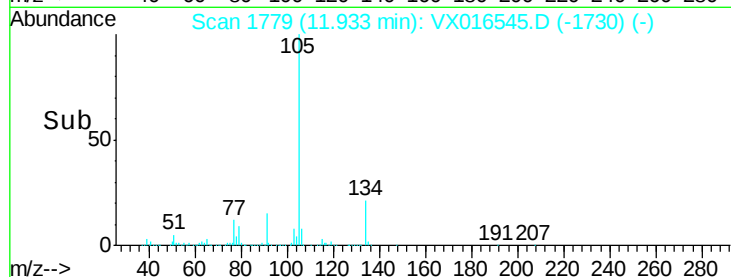
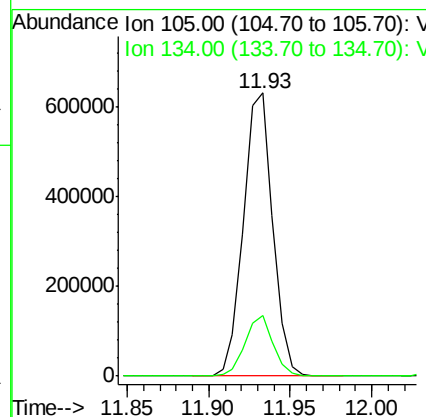
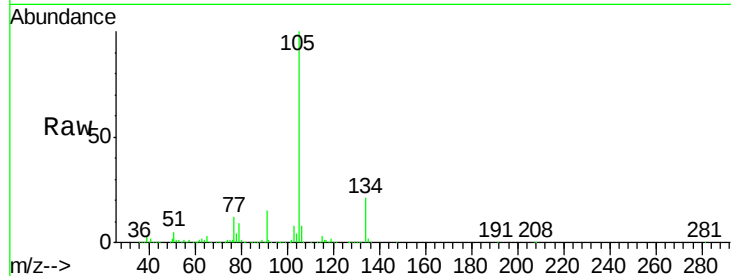
#85
 sec-Butylbenzene
 Concen: 52.427 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	790048		
134	20.4	10.1	30.3	

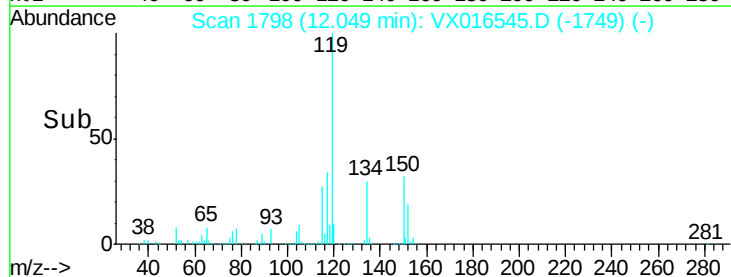
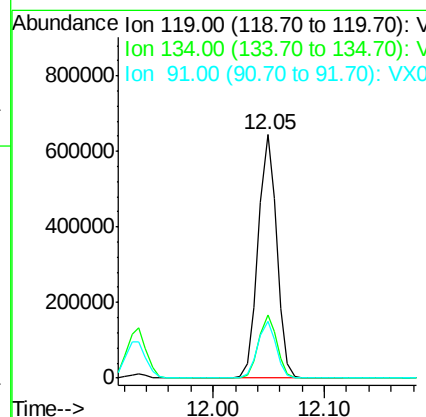
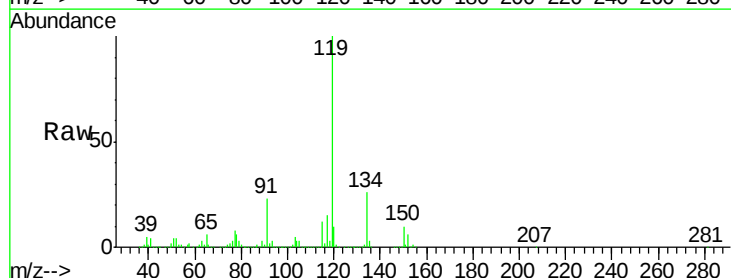
Manual Integrations
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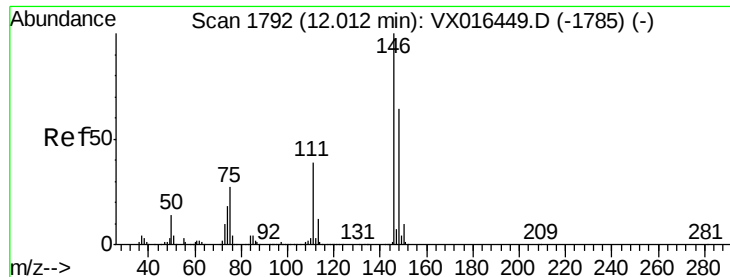
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#86
 p-Isopropyltoluene
 Concen: 53.070 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	749134		
134	25.8	12.7	38.0	
91	23.0	11.7	35.0	





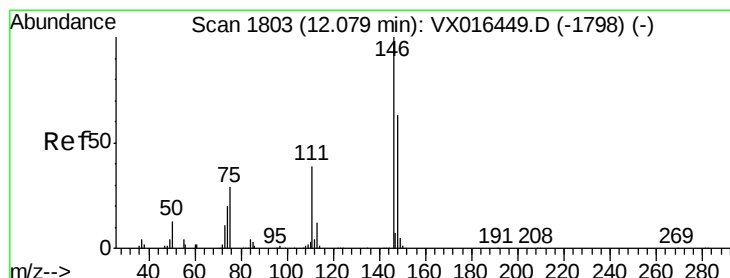
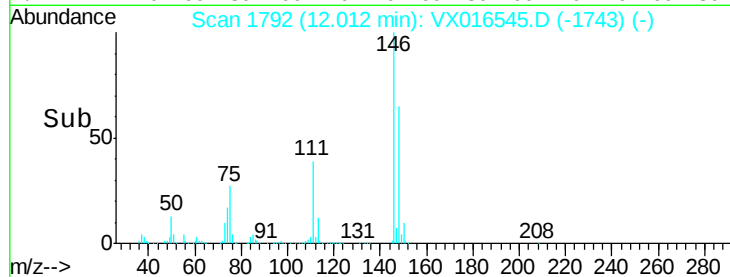
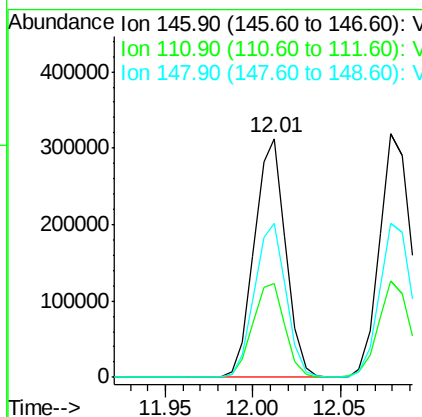
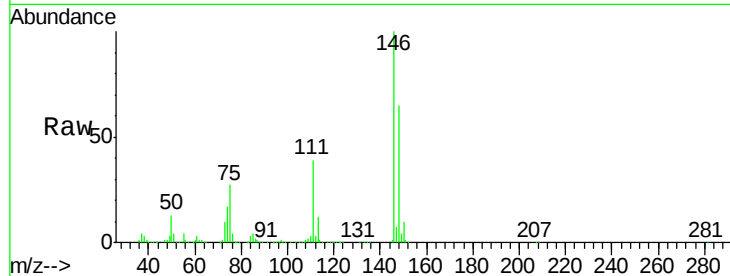
#87
 1,3-Dichlorobenzene
 Concen: 51.142 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	65.0	31.9	95.5

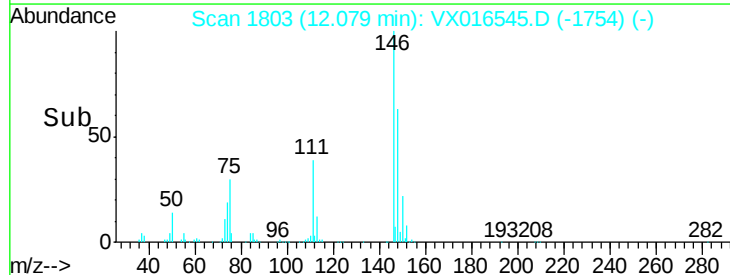
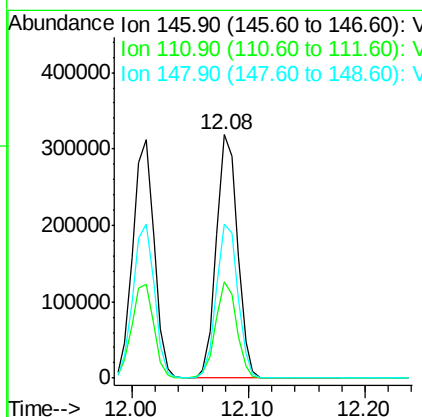
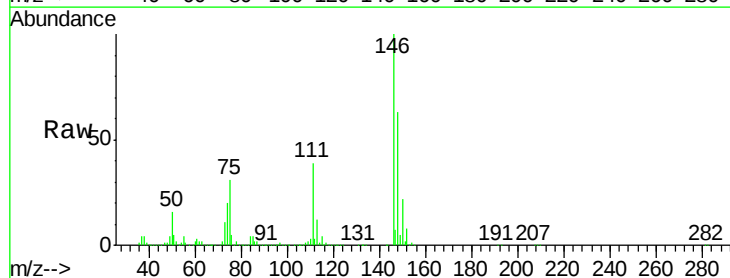
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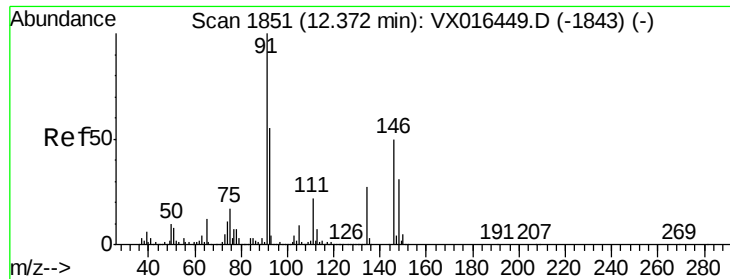
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#88
 1,4-Dichlorobenzene
 Concen: 50.826 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.3	31.4	94.3





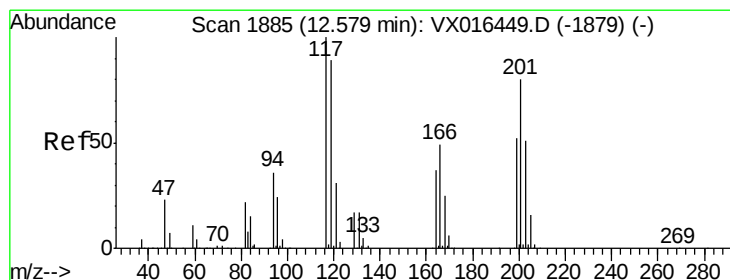
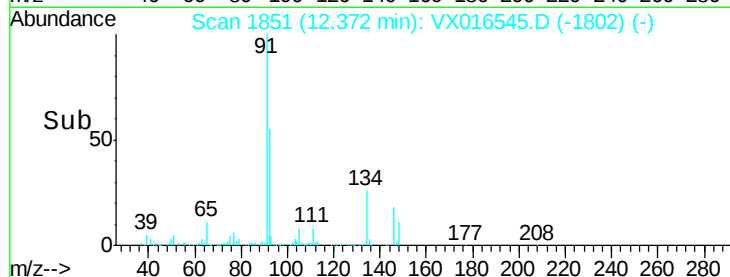
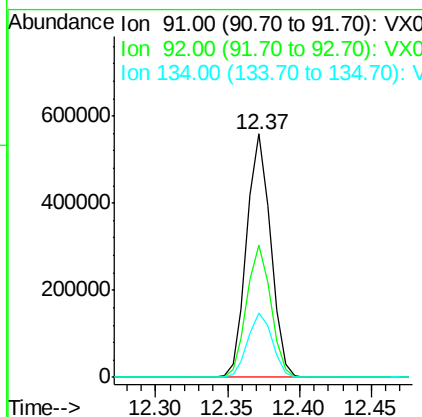
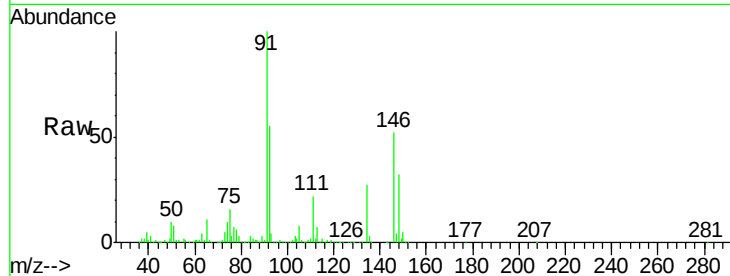
#89
n-Butylbenzene
Concen: 54.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	642085		
92	54.7	27.2	81.5	
134	27.0	13.1	39.3	

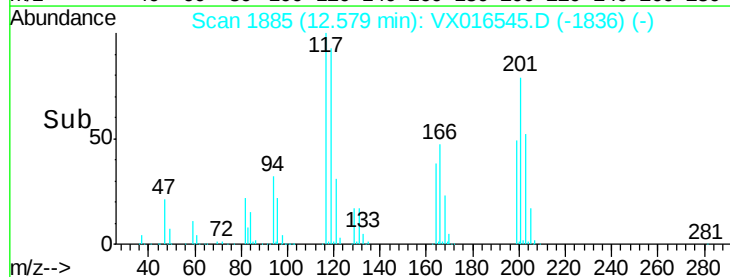
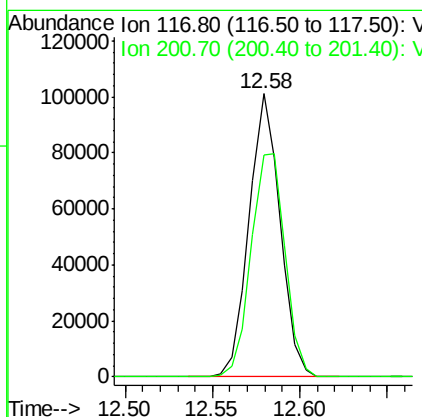
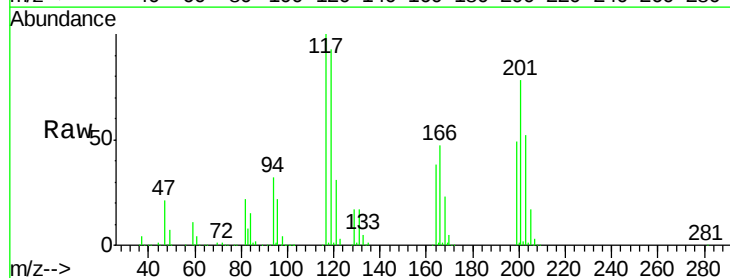
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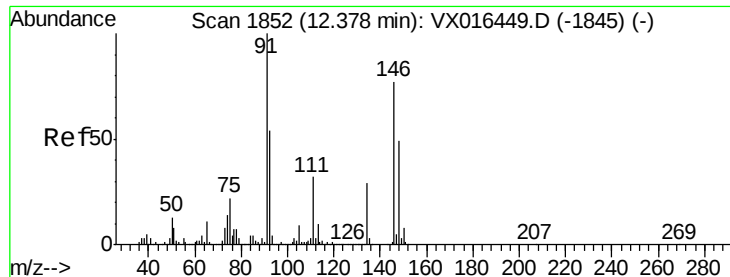
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#90
Hexachloroethane
Concen: 51.552 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125697		
201	86.3	43.1	129.3	





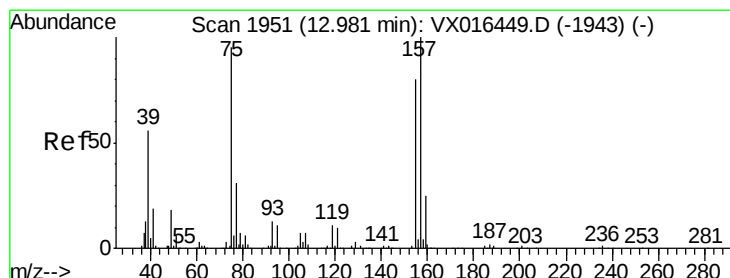
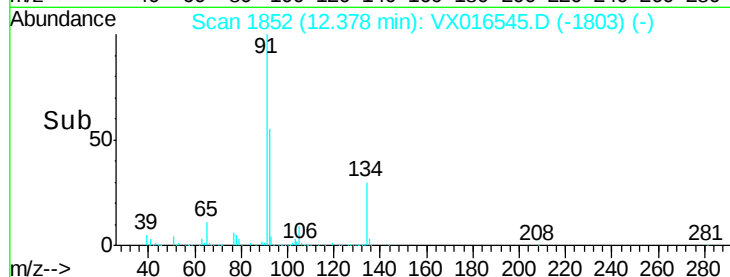
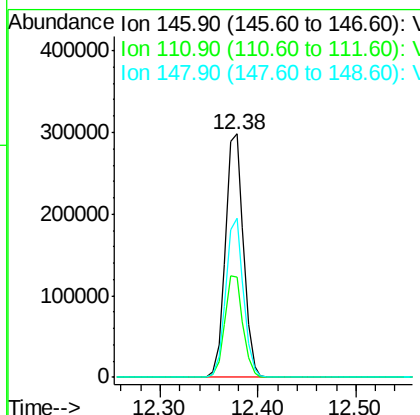
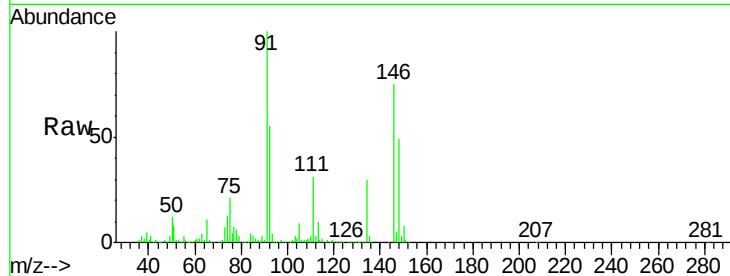
#91
 1,2-Dichlorobenzene
 Concen: 51.278 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	21.4	64.3	
148	63.9	31.9	95.7	

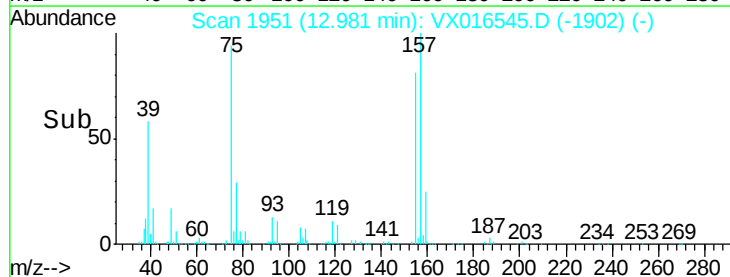
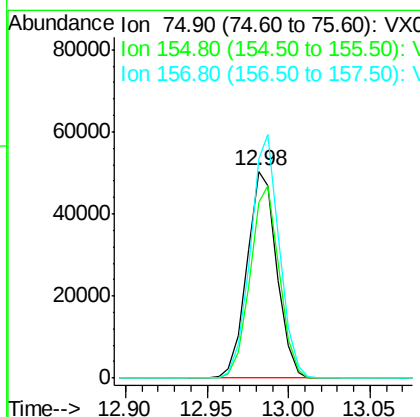
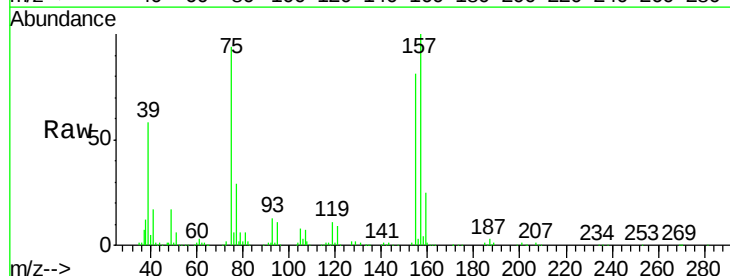
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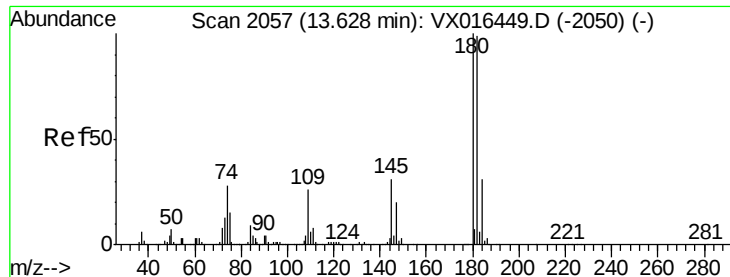
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.970 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	90.9	44.1	132.4	
157	114.3	57.8	173.3	





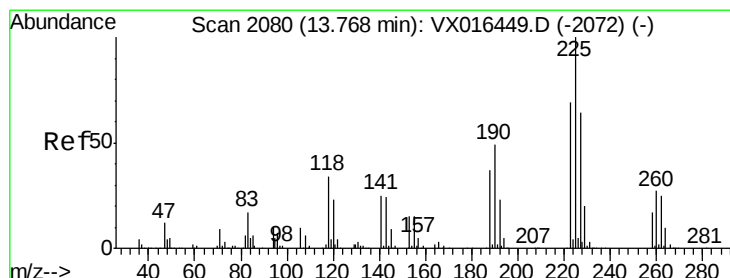
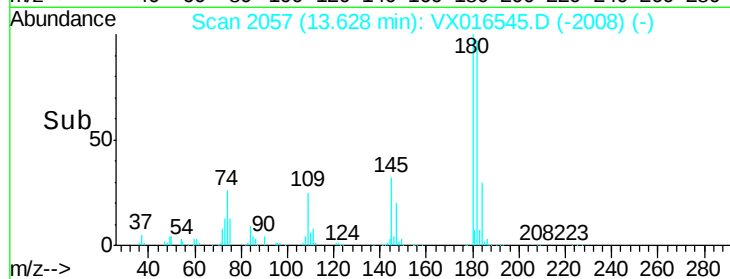
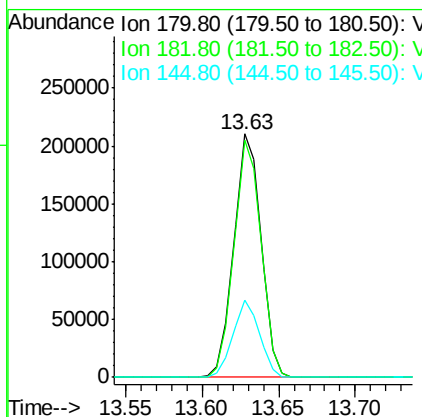
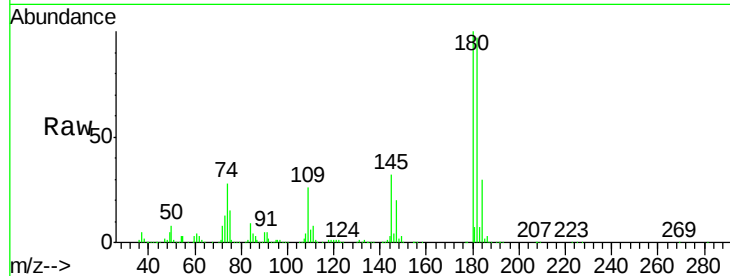
#93
 1,2,4-Trichlorobenzene
 Concen: 52.741 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	259635		
182	97.0	48.3	144.8	
145	30.8	15.4	46.2	

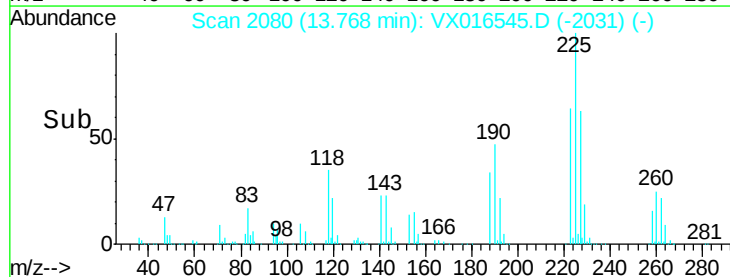
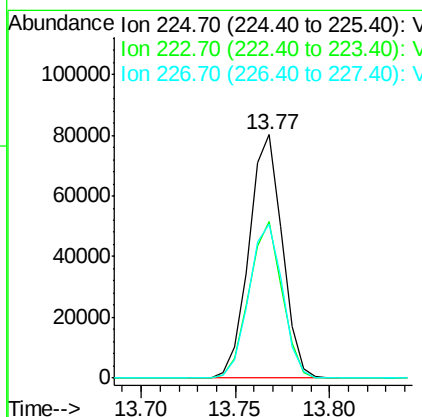
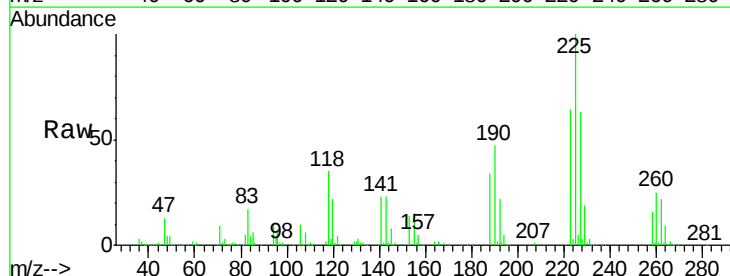
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 APPROVED

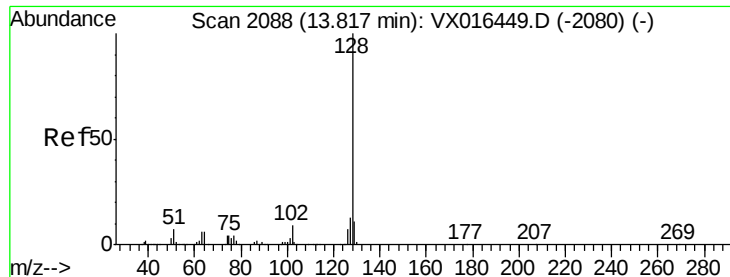
MMDadoda
 6/3/2020 9:51:24 AM



#94
 Hexachlorobutadiene
 Concen: 50.848 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98280		
223	63.8	32.3	96.8	
227	63.9	31.6	94.7	





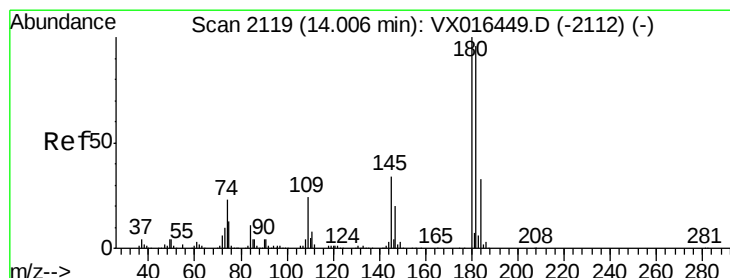
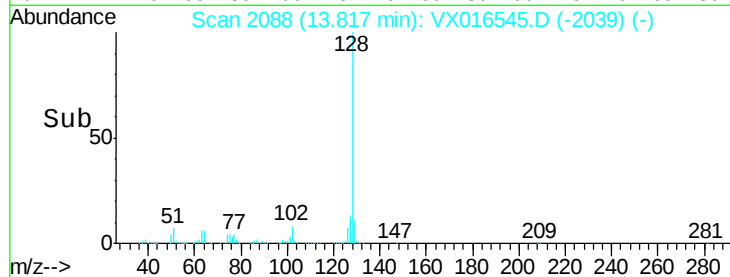
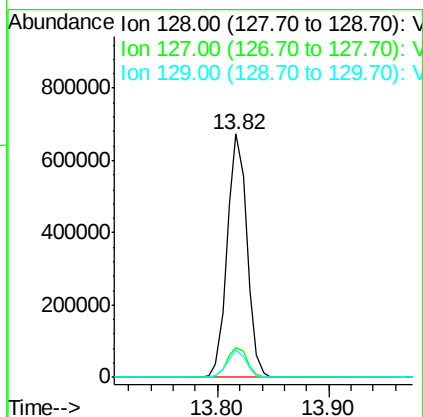
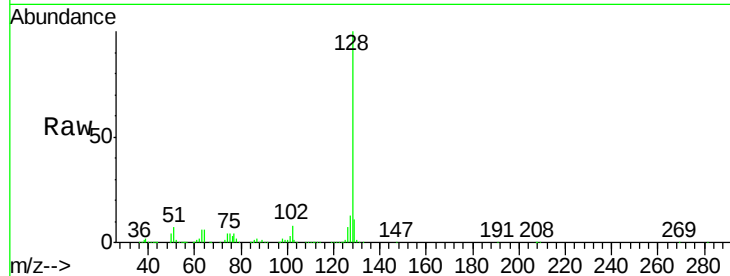
#95
Naphthalene
Concen: 48.682 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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6/3/2020 9:51:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.112 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.6	145.8
145	31.6	16.6	49.8

