

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038692.D
 Acq On : 09 Nov 2023 19:43
 Operator : JC/MD
 Sample : 05325-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231108067-02-VOA

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Title : SW846 8260

Signal : TIC: VX038692.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	25	27	41	rVB	167994	211842	2.31%	0.591%
2	2.374	204	211	228	rBV	332061	571883	6.23%	1.594%
3	2.953	296	306	326	rBV	3378537	7346359	80.09%	20.478%
4	4.574	551	572	585	rBV	2822884	9172521	100.00%	25.569%
5	5.001	631	642	658	rBV	835780	2562270	27.93%	7.142%
6	5.385	695	705	719	rVV	162190	474020	5.17%	1.321%
7	5.550	721	732	747	rVB	263415	756593	8.25%	2.109%
8	5.952	789	798	807	rBV	154013	413029	4.50%	1.151%
9	6.227	831	843	855	rVB3	68295	207701	2.26%	0.579%
10	6.763	921	931	943	rBV	401386	978219	10.66%	2.727%
11	8.574	1220	1228	1233	rBV2	50423	101324	1.10%	0.282%
12	8.647	1233	1240	1247	rBV	871774	1373186	14.97%	3.828%
13	8.714	1247	1251	1260	rVB2	65567	120733	1.32%	0.337%
14	8.805	1260	1266	1270	rBV	62293	96065	1.05%	0.268%
15	9.372	1352	1359	1366	rBV	139621	226586	2.47%	0.632%
16	10.055	1460	1471	1483	rBV	979595	1511530	16.48%	4.213%
17	10.195	1490	1494	1505	rBV2	79545	151836	1.66%	0.423%
18	10.299	1506	1511	1518	rVB	177951	265142	2.89%	0.739%
19	10.640	1562	1567	1573	rBV	118812	168197	1.83%	0.469%
20	11.079	1634	1639	1645	rBV	885777	1147512	12.51%	3.199%
21	11.500	1704	1708	1715	rBV	369771	488933	5.33%	1.363%
22	11.884	1767	1771	1779	rVB2	104431	146397	1.60%	0.408%
23	12.018	1787	1793	1801	rBV	1208911	1646631	17.95%	4.590%
24	12.097	1801	1806	1810	rBV2	142704	227327	2.48%	0.634%
25	12.244	1823	1830	1834	rBV2	74911	129300	1.41%	0.360%
26	12.524	1872	1876	1881	rBV4	50593	98911	1.08%	0.276%
27	12.579	1881	1885	1889	rVB	89256	104737	1.14%	0.292%
28	12.762	1905	1915	1920	rBV2	132847	209671	2.29%	0.584%
29	12.902	1933	1938	1943	rVV	1486491	1899562	20.71%	5.295%
30	12.963	1944	1948	1952	rVB2	102902	145903	1.59%	0.407%
31	13.231	1985	1992	1995	rVB5	44576	97262	1.06%	0.271%
32	13.469	2027	2031	2035	rBV3	324725	507722	5.54%	1.415%
33	13.512	2035	2038	2044	rVB	313013	405270	4.42%	1.130%
34	13.591	2044	2051	2060	rBV2	462775	760225	8.29%	2.119%
35	13.774	2077	2081	2087	rVB	406501	507919	5.54%	1.416%
36	13.933	2101	2107	2114	rBV4	105687	234127	2.55%	0.653%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Title : SW846 8260

37	14.097	2128	2134	2140	rBV	277555	407137	4.44%	1.135%
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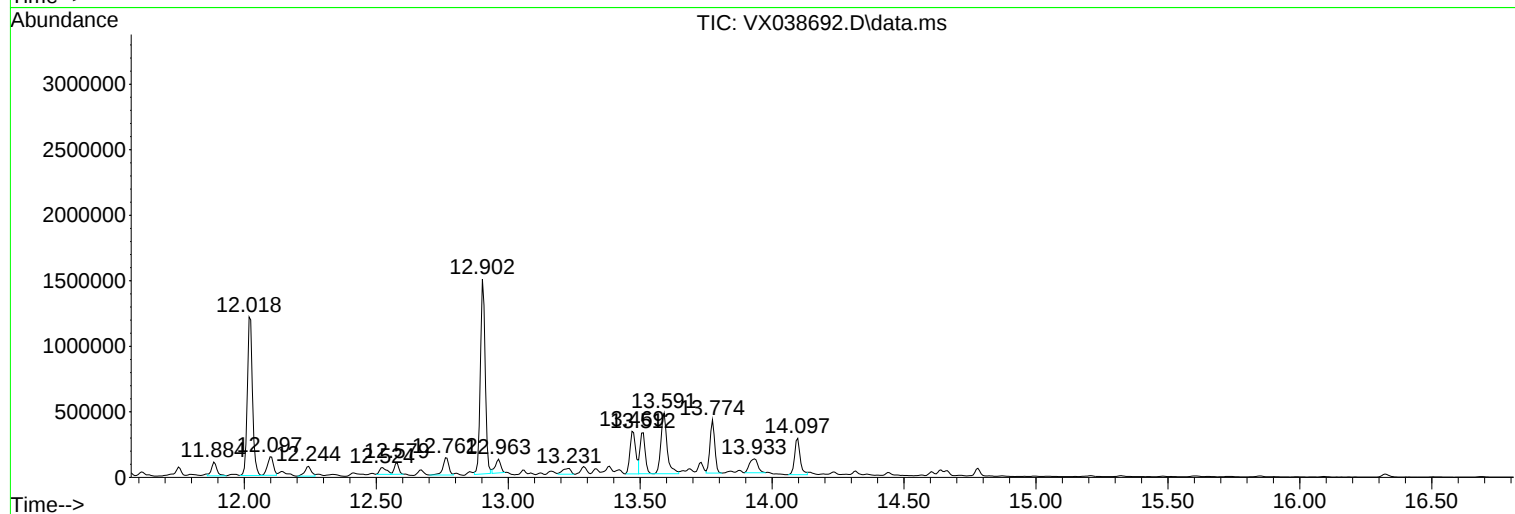
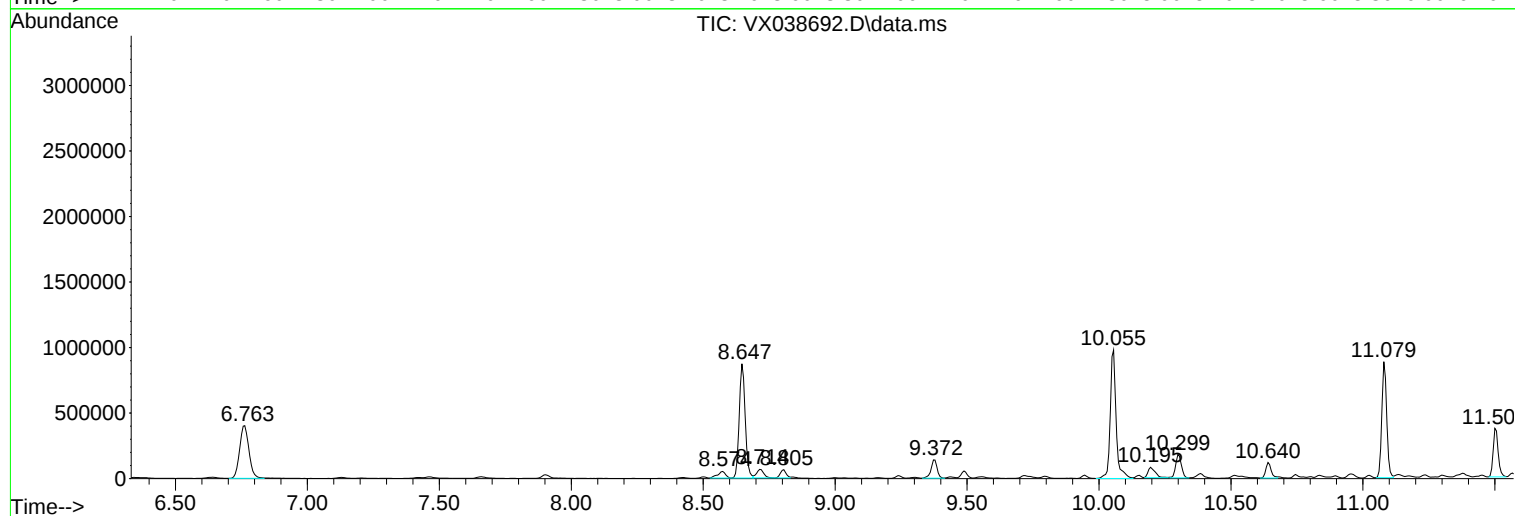
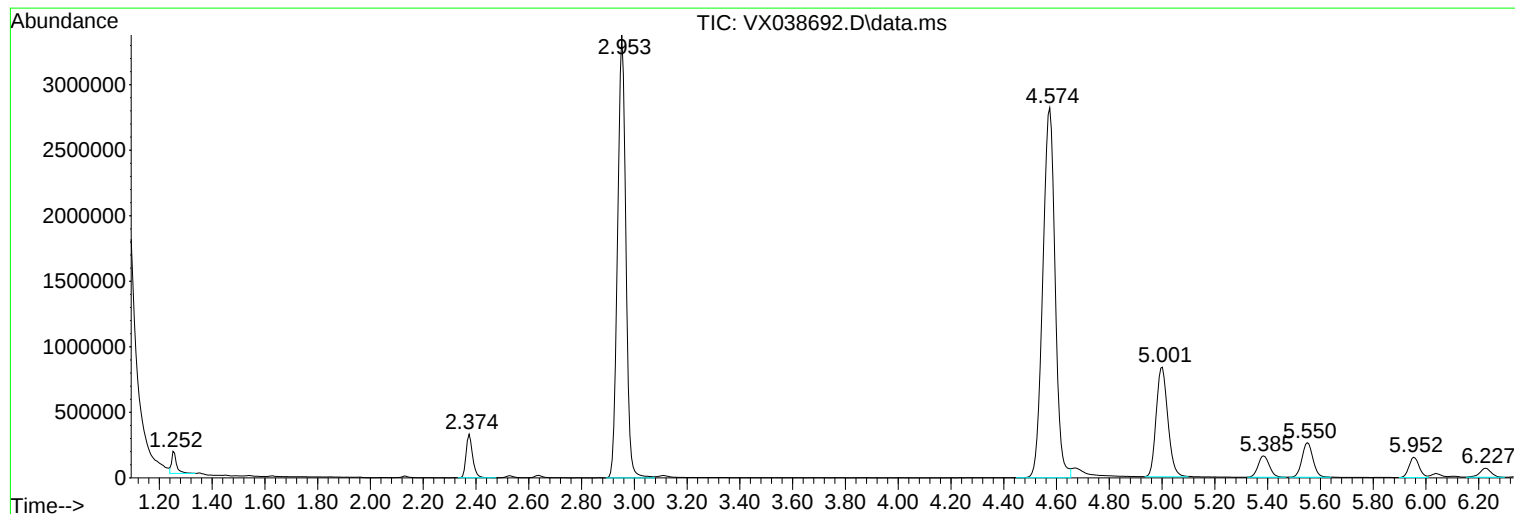
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_X
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231108067-02-VOA

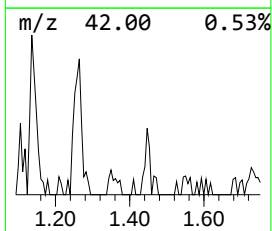
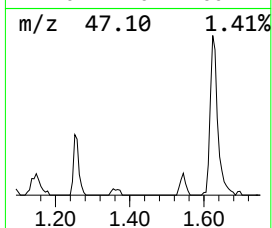
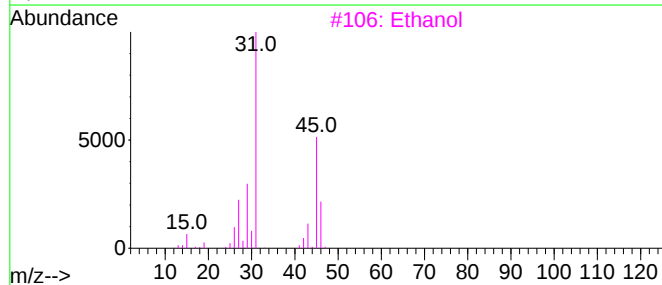
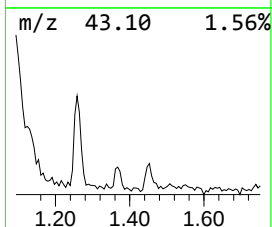
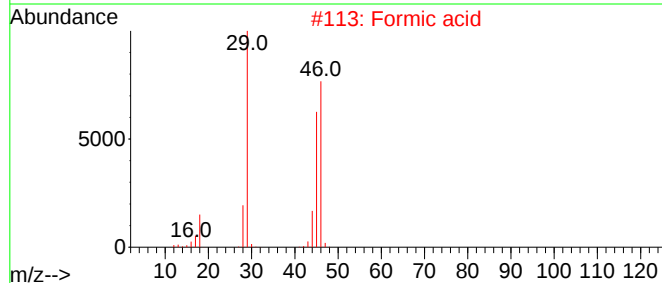
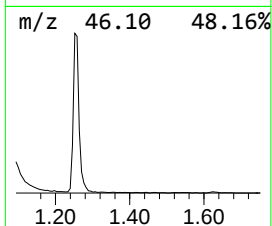
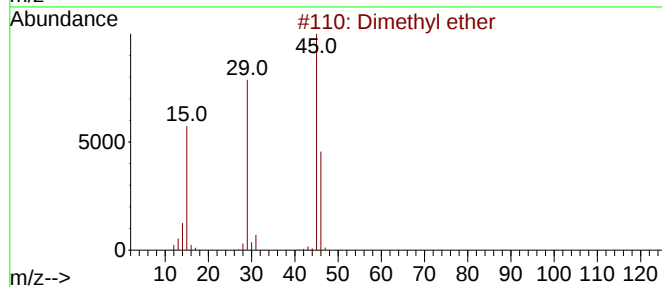
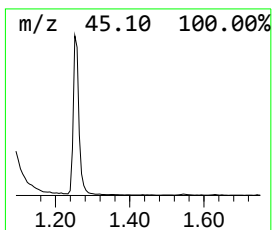
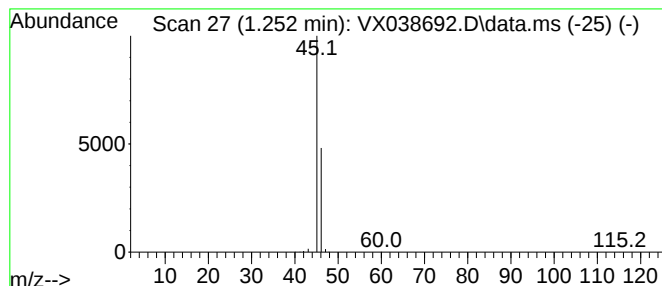
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	14.00 ug/l	211842	Pentafluorobenzene	5.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	74
2			Formic acid	46	CH2O2	000064-18-6	7
3			Ethanol	46	C2H6O	000064-17-5	7
4			Oxalic acid	90	C2H2O4	000144-62-7	4
5			Methane, nitroso-	45	CH3NO	000865-40-7	3



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Instrument :
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ClientSampleId :
231108067-02-VOA

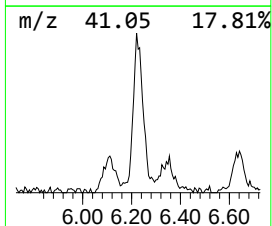
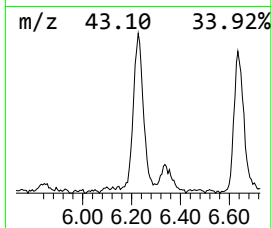
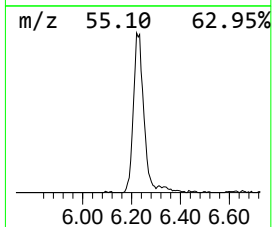
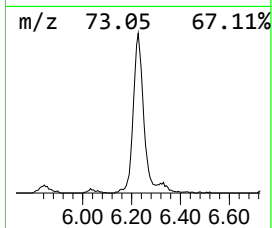
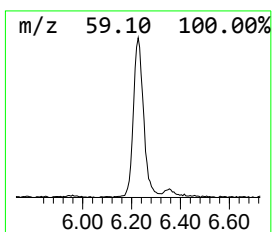
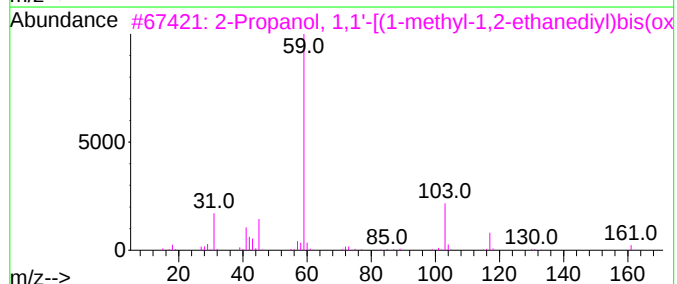
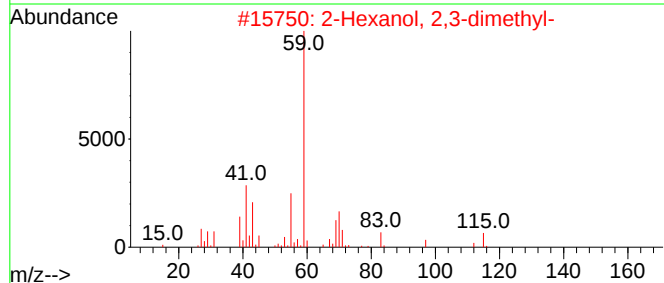
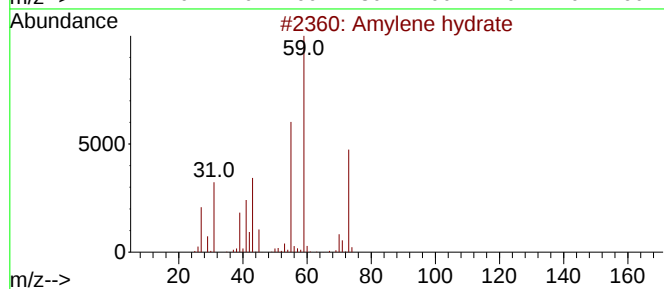
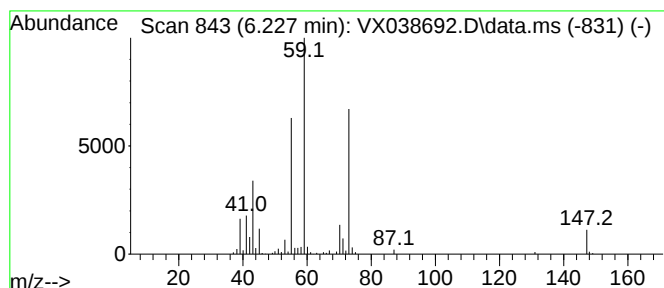
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Peak Number 2 Amylene hydrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.227	10.62 ug/l	207701	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amylene hydrate	88	C5H12O	000075-85-4	72
2			2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	42
3			2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	42
4			Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	42
5			Butanamide	87	C4H9NO	000541-35-5	40



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

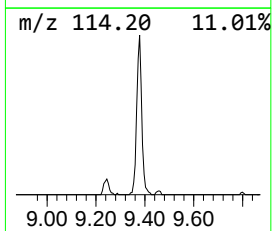
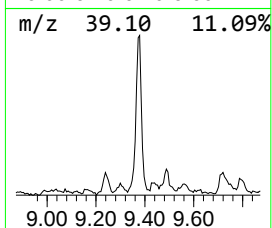
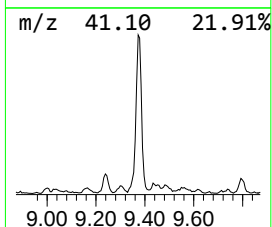
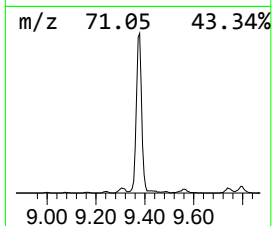
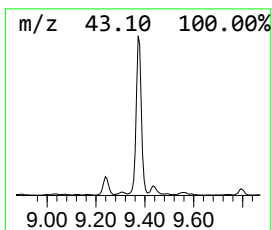
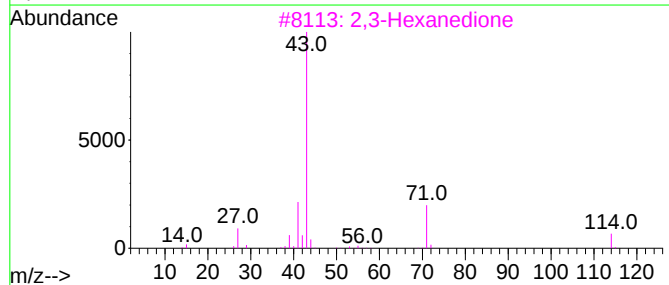
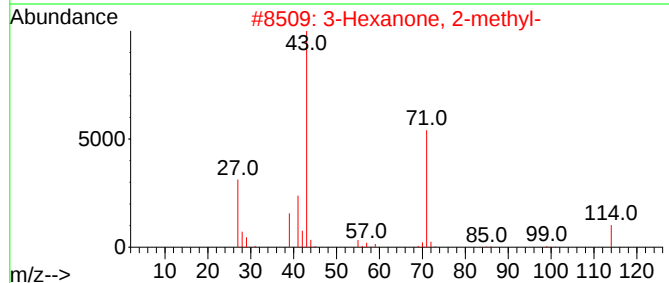
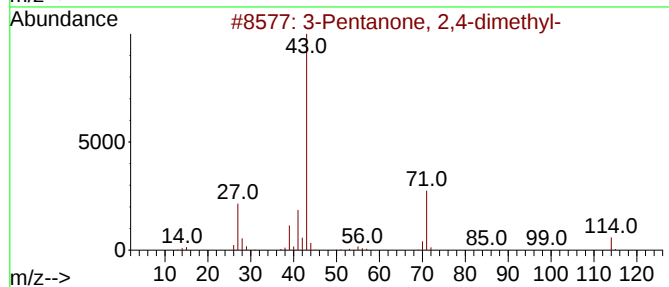
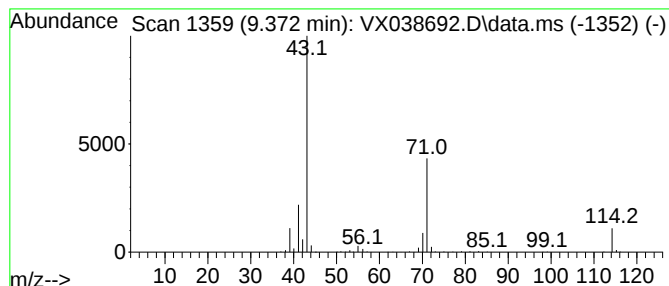
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.372	7.50 ug/l	226586	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
3			2,3-Hexanedione	114	C6H10O2	003848-24-6	64
4			4-Heptanone	114	C7H14O	000123-19-3	53
5			Pyrrolidine	71	C4H9N	000123-75-1	53



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ClientSampleId :
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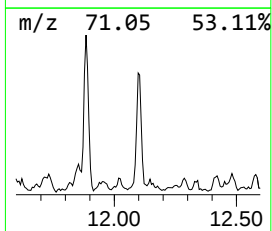
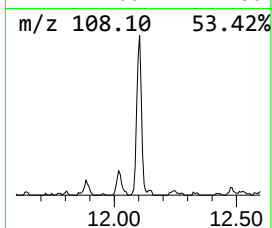
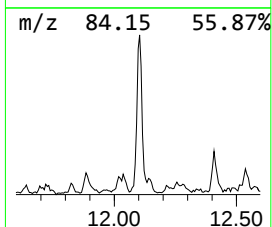
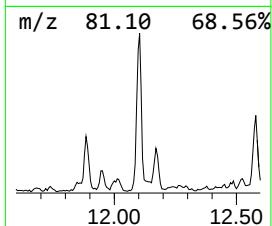
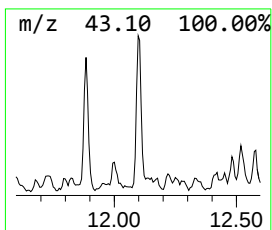
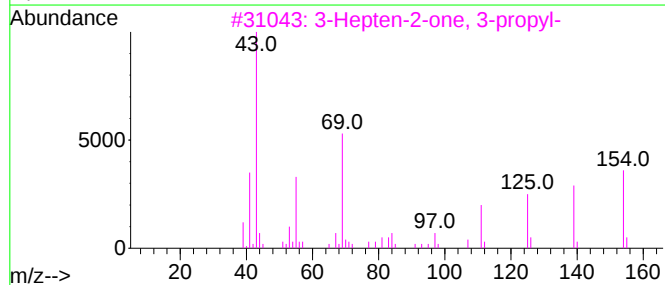
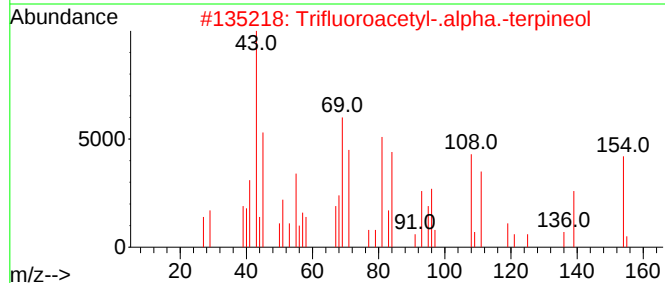
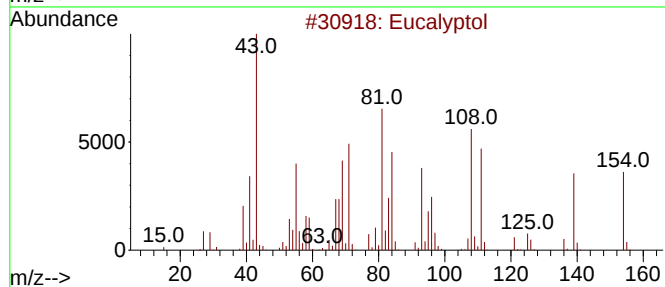
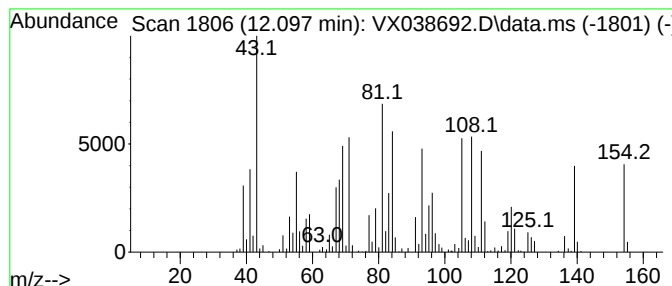
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eucalyptol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	6.90 ug/l	227327	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eucalyptol	154	C10H18O	000470-82-6	99
2			Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	68
3			3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25
4			3-Ethylidene- heptan-2,6-dione	154	C9H14O2	1000223-47-9	22
5			2-Acetyl cyclohexanone	154	C9H14O2	006126-53-0	18



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231108067-02-VOA

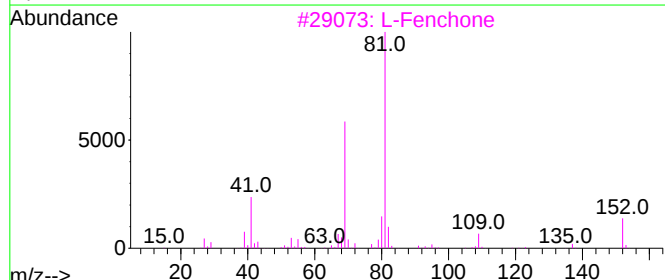
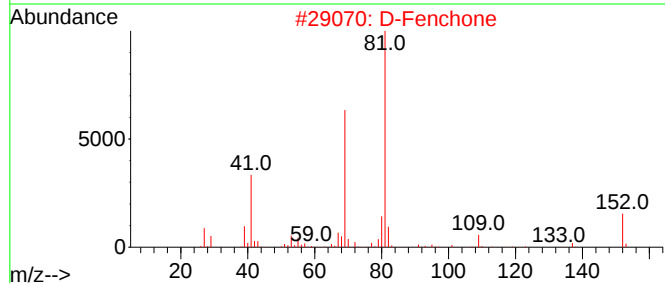
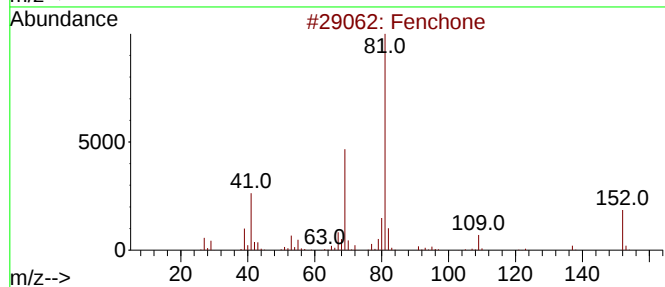
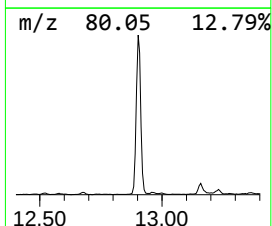
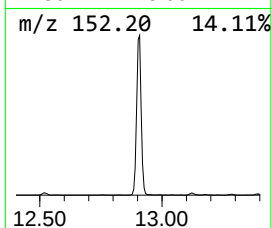
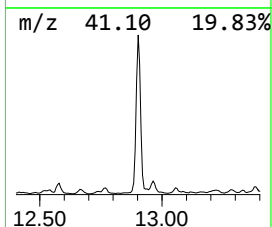
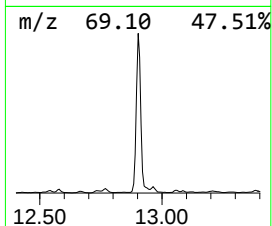
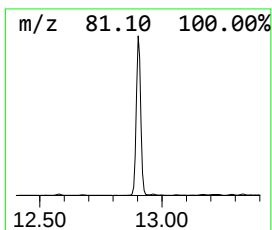
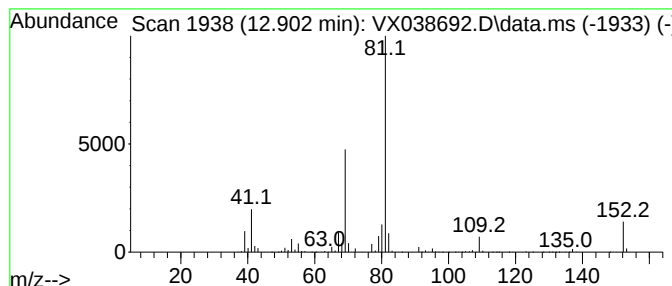
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	57.68 ug/l	1899560	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchone	152	C10H16O	001195-79-5	95
2			D-Fenchone	152	C10H16O	004695-62-9	94
3			L-Fenchone	152	C10H16O	007787-20-4	94
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45
5			2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038692.D
Acq On : 09 Nov 2023 19:43
Operator : JC/MD
Sample : 05325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

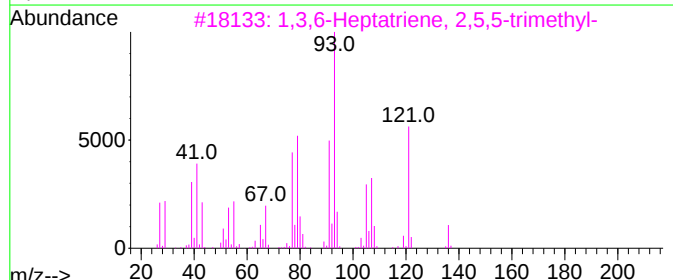
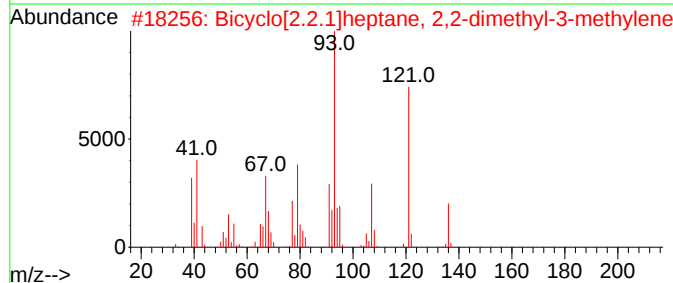
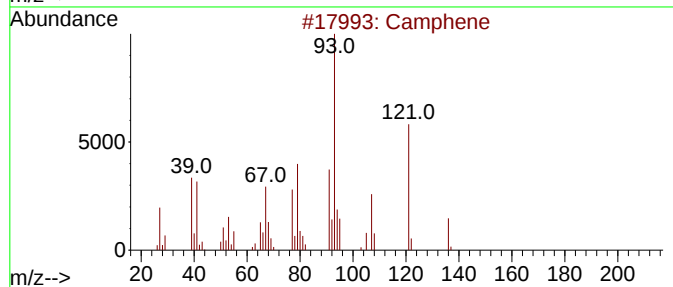
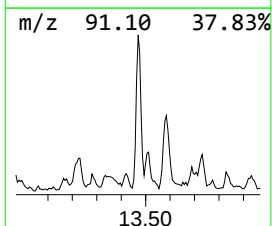
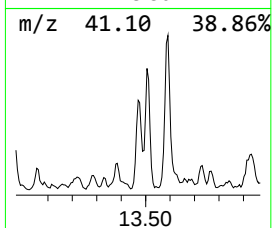
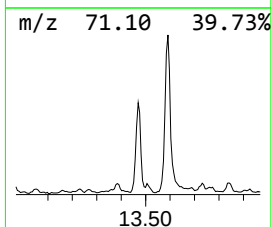
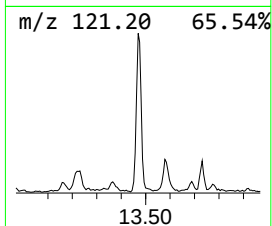
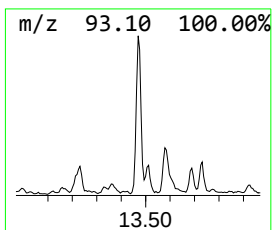
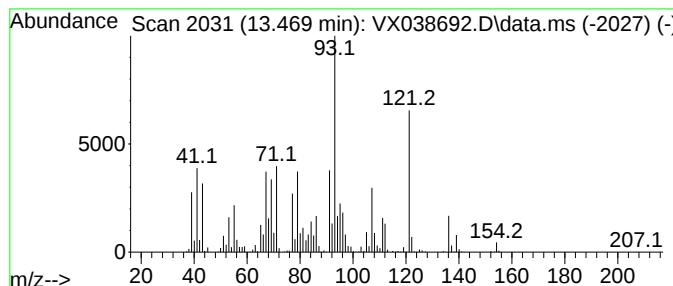
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	15.42 ug/l	507722	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	95
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	95
3			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	60
4			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	58
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038692.D
Acq On : 09 Nov 2023 19:43
Operator : JC/MD
Sample : 05325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

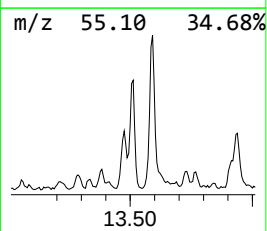
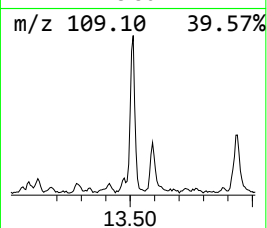
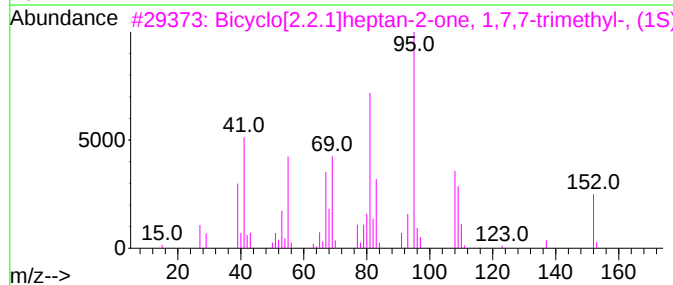
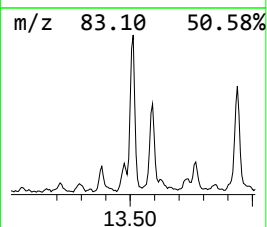
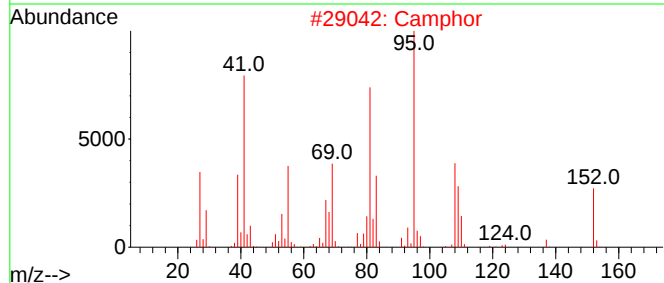
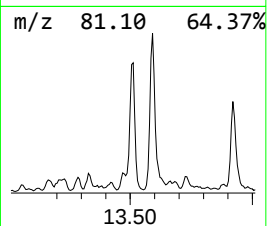
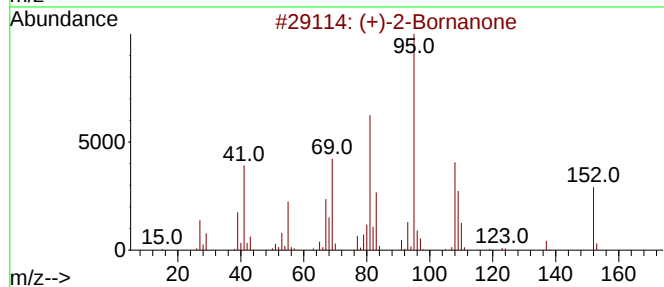
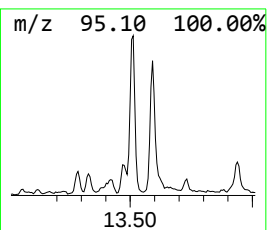
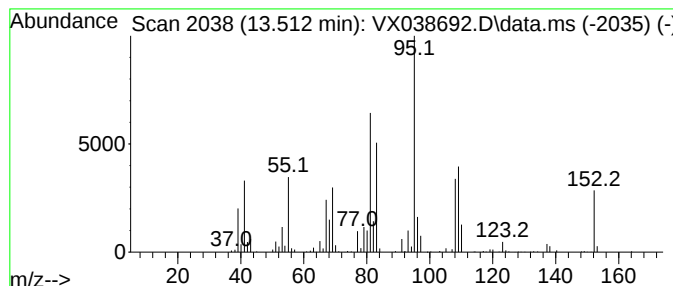
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (+)-2-Bornanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	12.31 ug/l	405270	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	95
2			Camphor	152	C10H16O	000076-22-2	89
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72
4			Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	46
5			1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038692.D
Acq On : 09 Nov 2023 19:43
Operator : JC/MD
Sample : 05325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

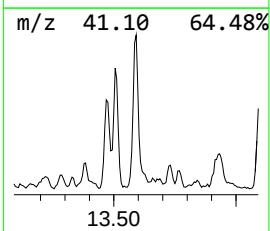
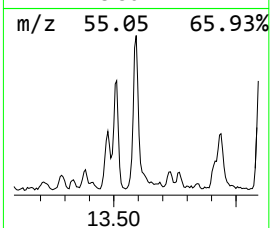
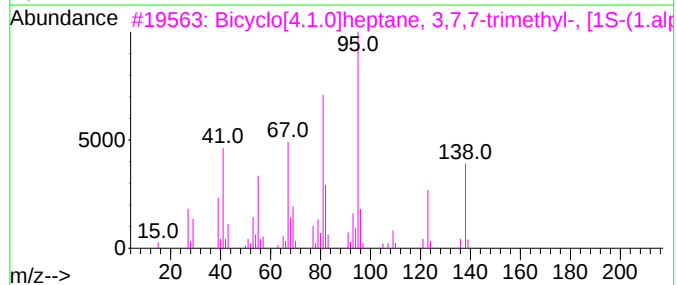
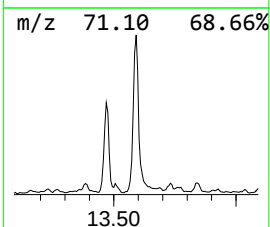
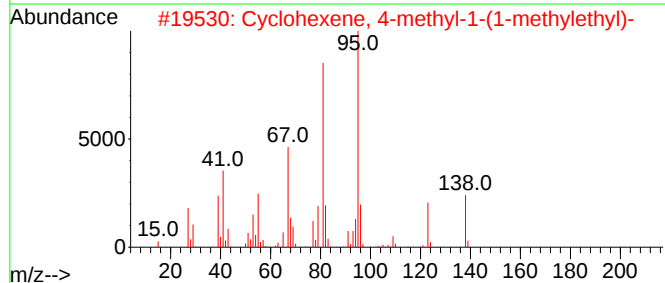
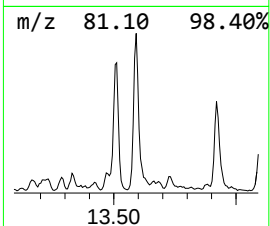
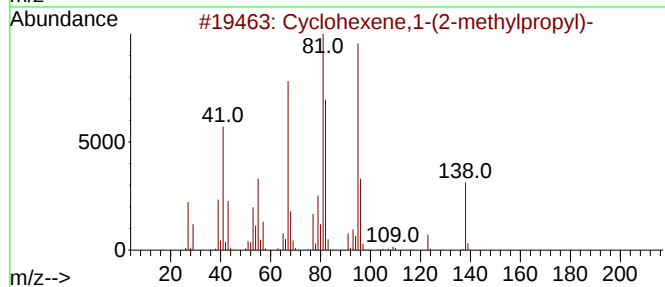
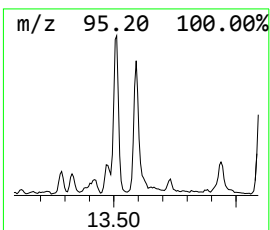
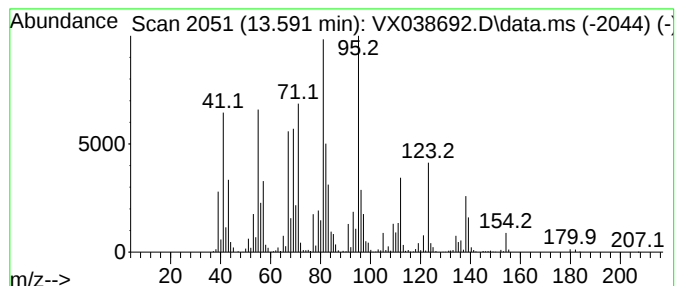
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexene,1-(2-methylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	23.08 ug/l	760225	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	95
2			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	70
3			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	70
4			d1-Menthol	156	C10H20O	000089-78-1	68
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038692.D
Acq On : 09 Nov 2023 19:43
Operator : JC/MD
Sample : 05325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

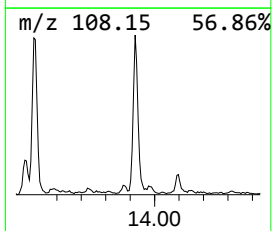
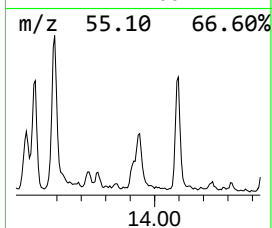
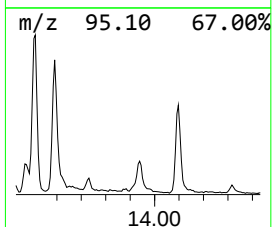
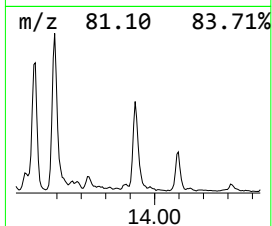
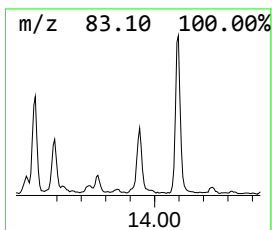
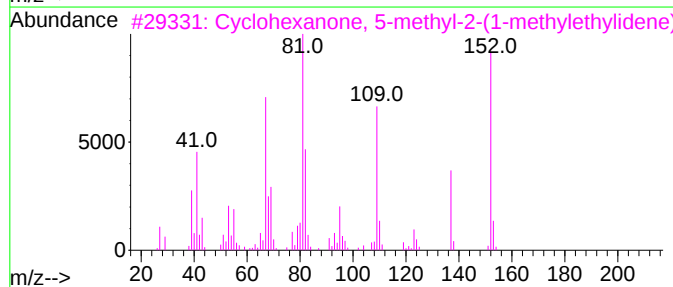
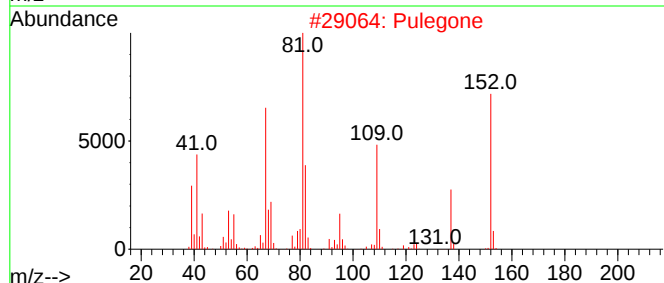
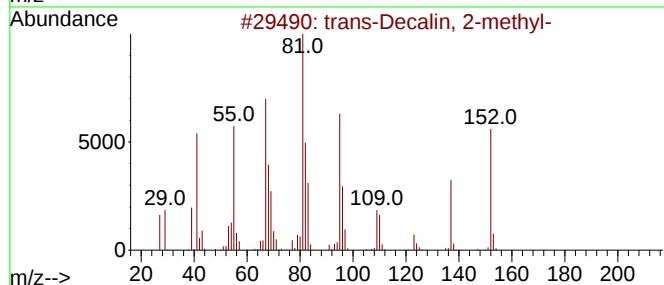
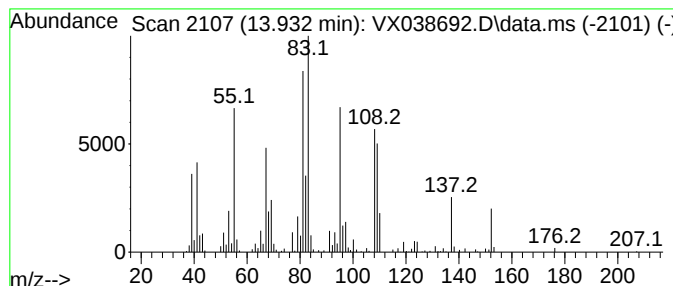
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.932	7.11 ug/l	234127	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	78
2			Pulegone	152	C10H16O	000089-82-7	55
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
4			Carane, 4,5-epoxy-, trans	152	C10H16O	006909-20-2	50
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038692.D
Acq On : 09 Nov 2023 19:43
Operator : JC/MD
Sample : 05325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

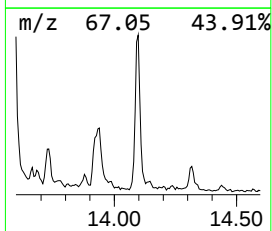
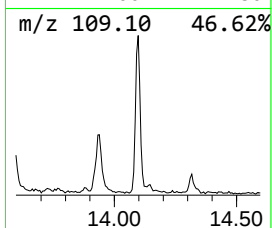
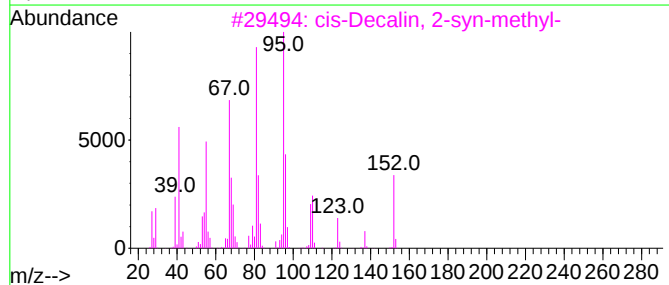
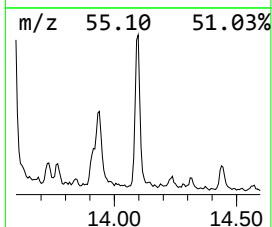
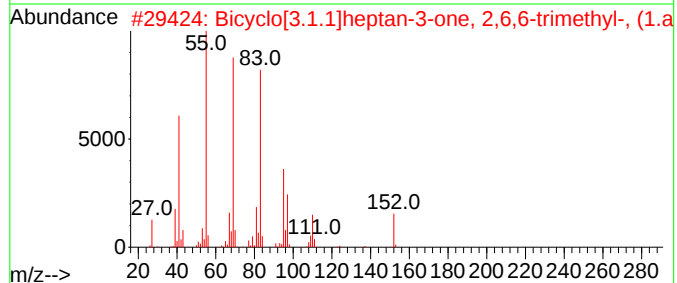
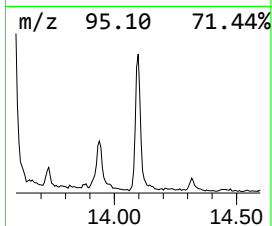
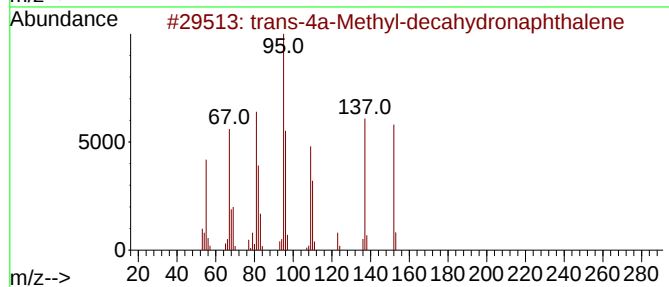
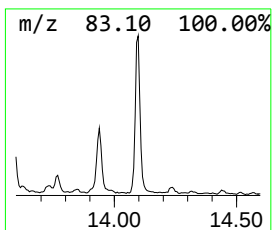
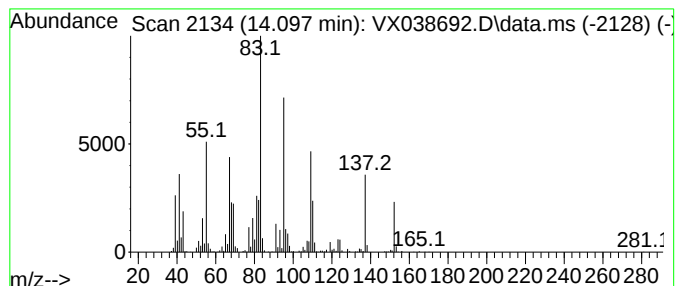
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 trans-4a-Methyl-decahydrona... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	12.36 ug/l	407137	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	49
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	46
4			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38
5			4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
Data File : VX038692.D
Acq On : 09 Nov 2023 19:43
Operator : JC/MD
Sample : 05325-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231108067-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Amylene hydrate	6.227	10.6	ug/l	207701	2	6.763	978219	50.0
3-Pentanone, 2,...	9.372	7.5	ug/l	226586	3	10.055	1511530	50.0
Eucalyptol	12.098	6.9	ug/l	227327	4	12.024	1646630	50.0
Fenchone	12.902	57.7	ug/l	1899560	4	12.024	1646630	50.0
Camphene	13.469	15.4	ug/l	507722	4	12.024	1646630	50.0
(+)-2-Bornanone	13.512	12.3	ug/l	405270	4	12.024	1646630	50.0
Cyclohexene,1-(...	13.591	23.1	ug/l	760225	4	12.024	1646630	50.0
trans-Decalin, ...	13.932	7.1	ug/l	234127	4	12.024	1646630	50.0
trans-4a-Methyl...	14.097	12.4	ug/l	407137	4	12.024	1646630	50.0