

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041907.D
 Acq On : 17 Jun 2024 14:11
 Operator : JC/MD
 Sample : P2908-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240613027-02

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\624X061424W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041907.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.612	84	86	92	rVB	8711	12345	1.80%	0.246%
2	1.660	92	94	96	rBV	19610	9960	1.45%	0.198%
3	1.703	99	101	108	rVB	32070	31859	4.64%	0.634%
4	2.124	162	170	195	rBV	408716	686877	100.00%	13.675%
5	2.410	210	217	227	rVB2	16431	37190	5.41%	0.740%
6	4.904	615	626	647	rBV	52592	178091	25.93%	3.546%
7	5.093	647	657	673	rVB	48961	151309	22.03%	3.012%
8	5.391	698	706	719	rVB4	3353	10085	1.47%	0.201%
9	5.556	724	733	745	rVB3	4530	12607	1.84%	0.251%
10	5.958	789	799	817	rBV	61408	168237	24.49%	3.349%
11	6.763	922	931	950	rBV	143907	344317	50.13%	6.855%
12	7.830	1100	1106	1115	rVB	3606	6996	1.02%	0.139%
13	8.647	1234	1240	1249	rBV	295086	469290	68.32%	9.343%
14	8.726	1249	1253	1260	rVB2	4792	9637	1.40%	0.192%
15	10.055	1465	1471	1490	rBV	298628	401941	58.52%	8.002%
16	10.836	1594	1599	1606	rVB	9595	14050	2.05%	0.280%
17	10.976	1619	1622	1631	rVB	6619	9085	1.32%	0.181%
18	11.085	1634	1640	1650	rVV	232488	319238	46.48%	6.356%
19	11.171	1650	1654	1661	rVB2	19323	27427	3.99%	0.546%
20	11.470	1698	1703	1707	rBV6	3458	7042	1.03%	0.140%
21	11.518	1707	1711	1718	rVB3	6671	10218	1.49%	0.203%
22	11.591	1718	1723	1728	rBV	31879	42668	6.21%	0.849%
23	11.744	1741	1748	1756	rBV6	3706	7549	1.10%	0.150%
24	11.969	1780	1785	1790	rVB	23641	30986	4.51%	0.617%
25	12.024	1790	1794	1799	rVB4	5136	7934	1.16%	0.158%
26	12.104	1799	1807	1812	rBV4	10971	18095	2.63%	0.360%
27	12.219	1821	1826	1835	rBV	65535	101042	14.71%	2.012%
28	12.421	1855	1859	1865	rBV	8566	9478	1.38%	0.189%
29	12.579	1880	1885	1907	rBV	190312	251725	36.65%	5.011%
30	12.768	1911	1916	1920	rBV2	5521	8046	1.17%	0.160%
31	12.817	1920	1924	1935	rBV	160422	204124	29.72%	4.064%
32	12.939	1941	1944	1947	rVB	6772	7669	1.12%	0.153%
33	13.116	1963	1973	1978	rBV6	6285	15117	2.20%	0.301%
34	13.170	1978	1982	1990	rVV2	11958	19123	2.78%	0.381%
35	13.268	1994	1998	2002	rVV	79465	84944	12.37%	1.691%
36	13.341	2006	2010	2013	rVB2	11975	14187	2.07%	0.282%

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Sampling : 1

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

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 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	13.384	2013	2017	2020	rVB2	7461	8565	1.25%	0.171%
38	13.420	2020	2023	2027	rBV4	5636	7371	1.07%	0.147%
39	13.512	2033	2038	2042	rBV	31993	42400	6.17%	0.844%
40	13.591	2042	2051	2058	rBV2	251034	435955	63.47%	8.679%
41	13.658	2058	2062	2070	rVB	25671	42451	6.18%	0.845%
42	13.731	2070	2074	2079	rBV2	27347	37893	5.52%	0.754%
43	13.841	2088	2092	2096	rBV4	4740	8650	1.26%	0.172%
44	13.884	2097	2099	2107	rVB6	5571	10306	1.50%	0.205%
45	13.981	2110	2115	2119	rBV2	14112	23037	3.35%	0.459%
46	14.036	2121	2124	2130	rVB	14272	15345	2.23%	0.305%
47	14.103	2130	2135	2137	rBV2	11759	14725	2.14%	0.293%
48	14.128	2137	2139	2143	rVB	6574	7845	1.14%	0.156%
49	14.195	2143	2150	2155	rBV	26304	38009	5.53%	0.757%
50	14.451	2186	2192	2208	rVB	238427	315103	45.87%	6.273%
51	14.591	2211	2215	2222	rVV	27381	39706	5.78%	0.790%
52	14.658	2222	2226	2230	rVB2	8534	11158	1.62%	0.222%
53	14.756	2234	2242	2247	rBV	72789	82471	12.01%	1.642%
54	14.829	2247	2254	2265	rVV	81786	141511	20.60%	2.817%

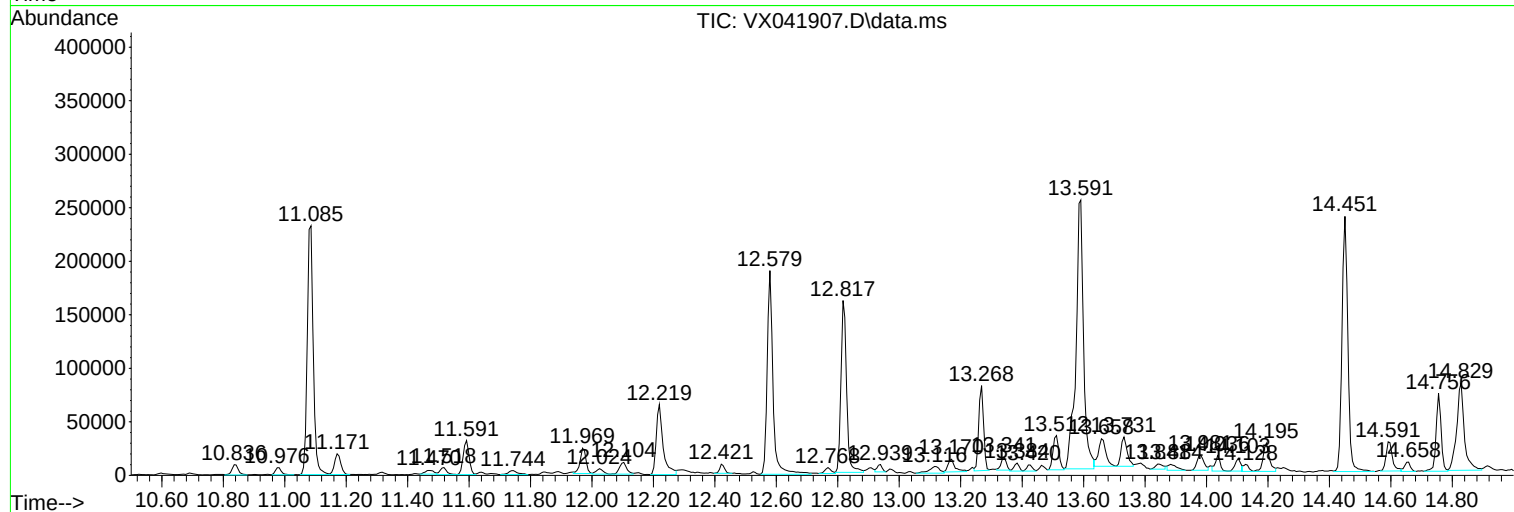
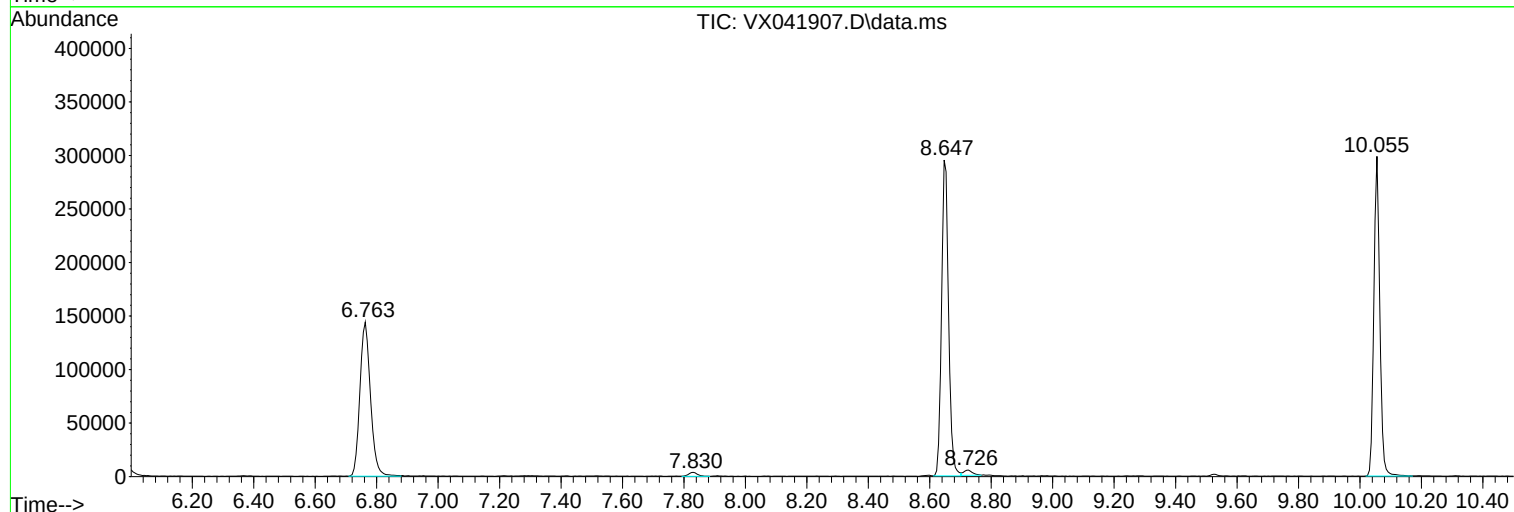
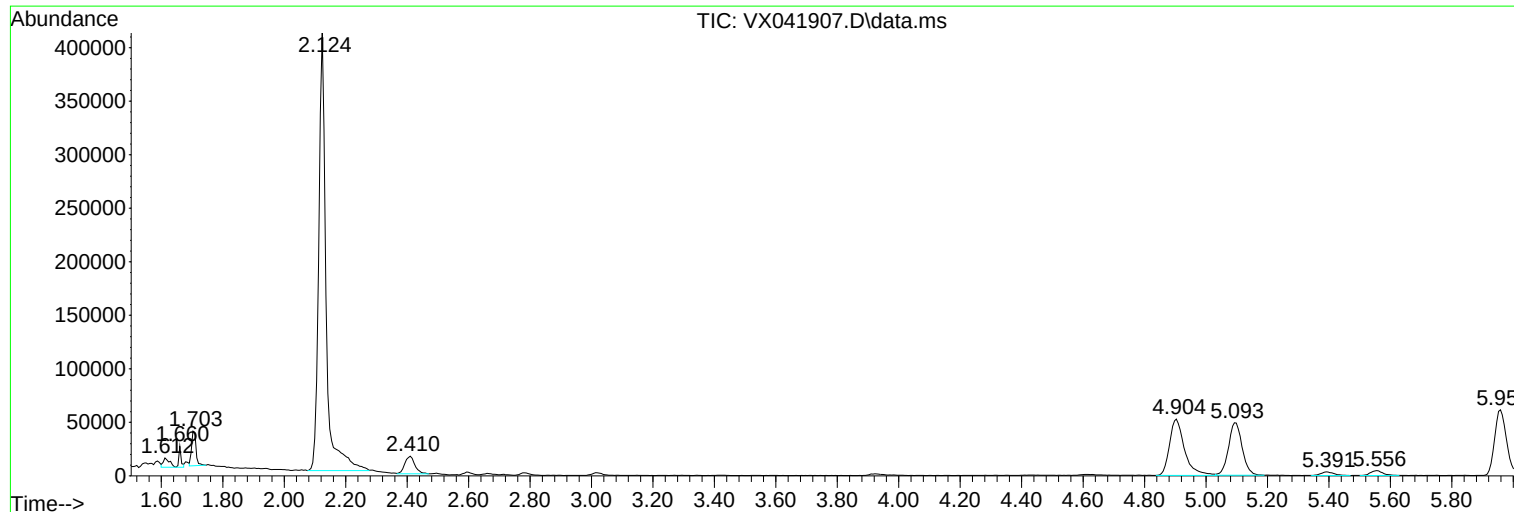
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

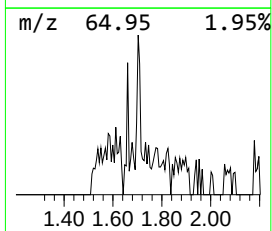
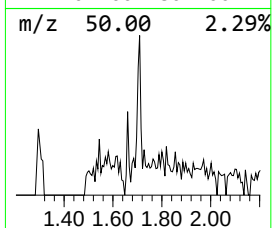
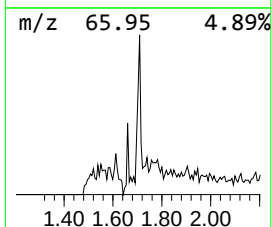
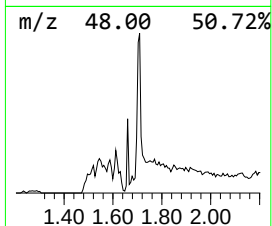
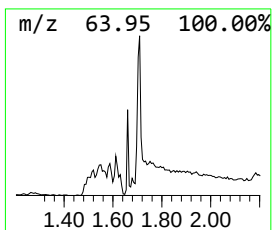
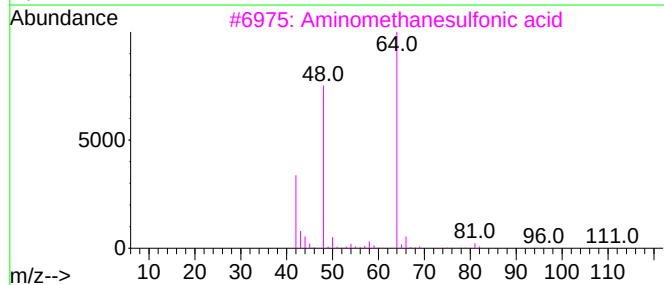
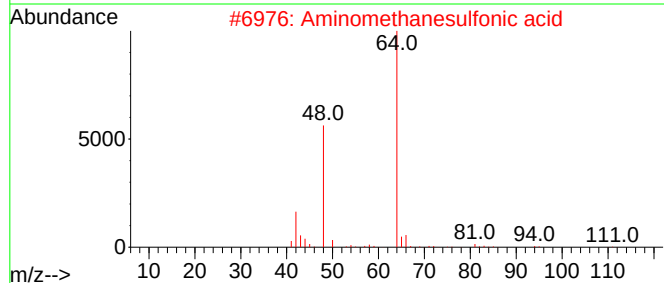
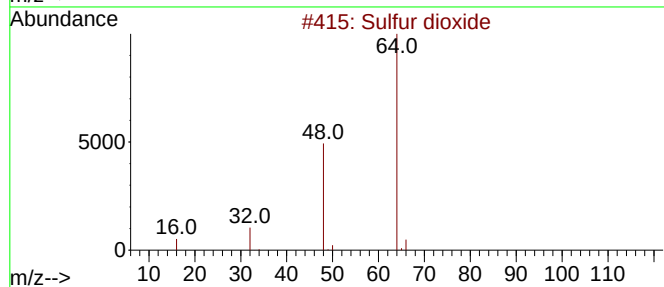
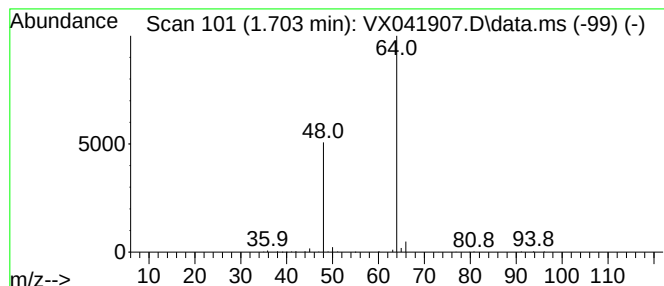
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Sulfur dioxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.703	5.37 ug/l	31859	Bromochloromethane	4.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

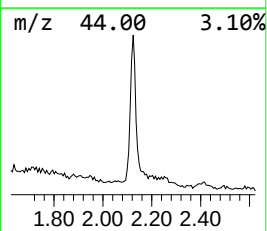
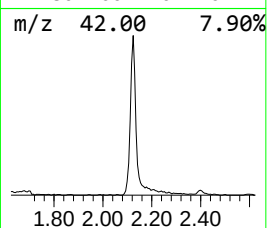
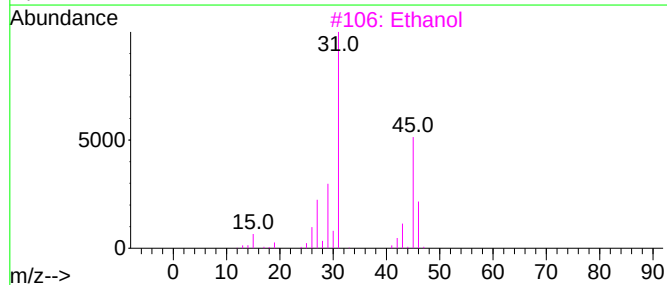
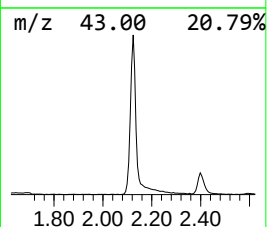
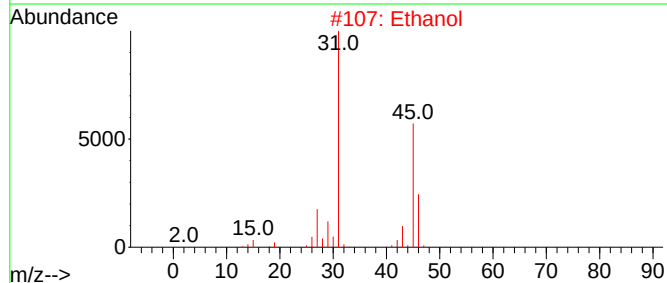
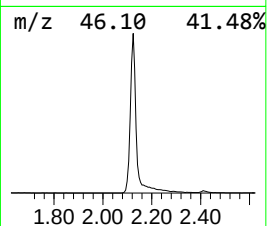
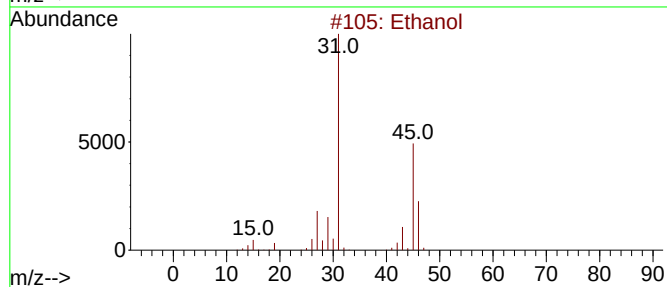
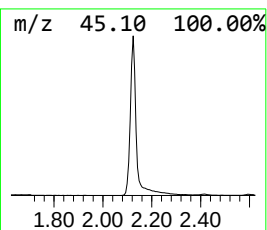
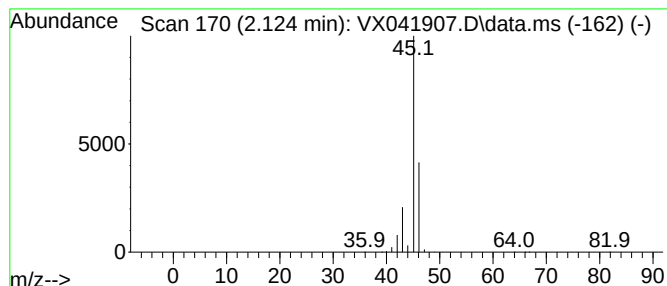
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.124	115.71 ug/l	686877	Bromochloromethane	4.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	64
3	Ethanol			46	C2H6O	000064-17-5	64
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Ethanol			46	C2H6O	000064-17-5	9



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Sample : P2908-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

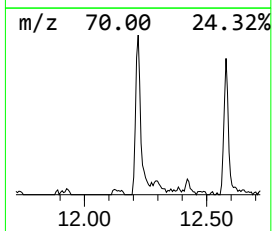
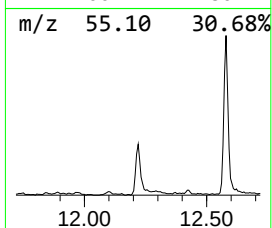
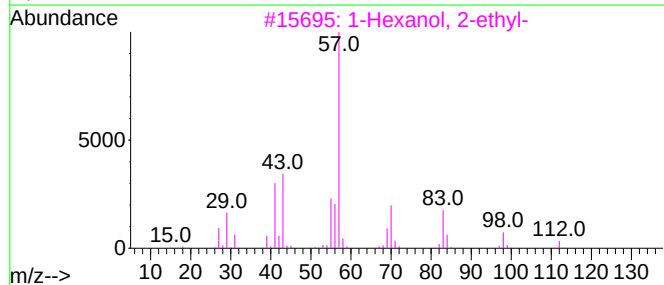
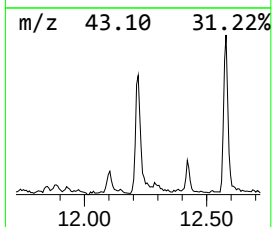
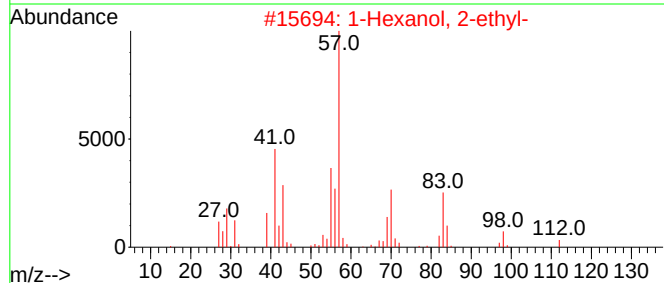
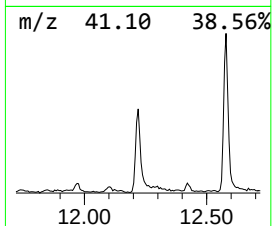
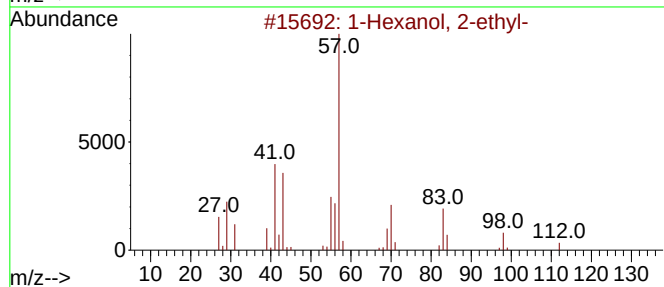
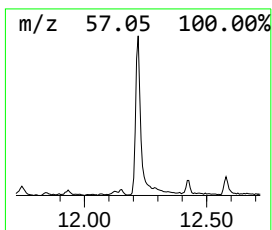
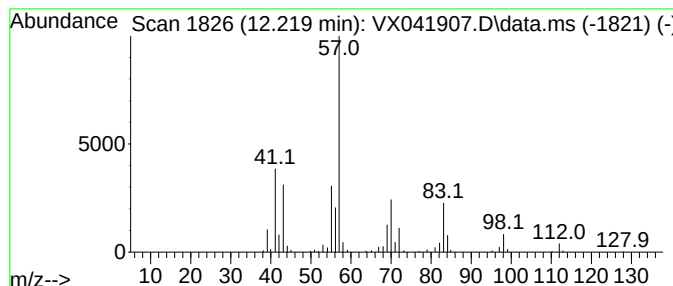
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	7.54 ug/l	101042	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



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ClientSampleId :
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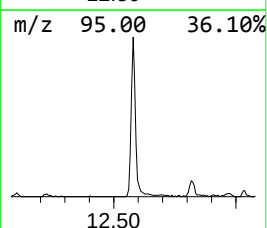
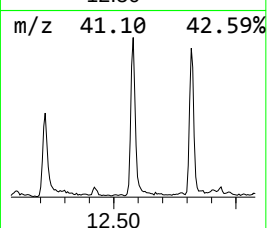
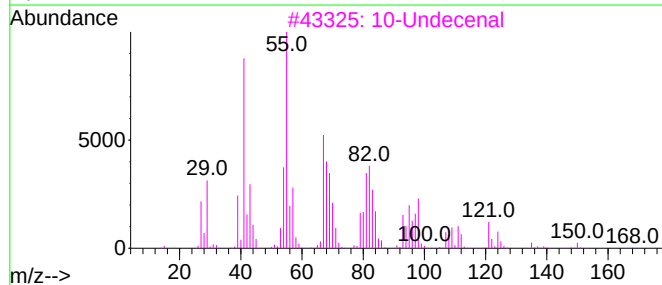
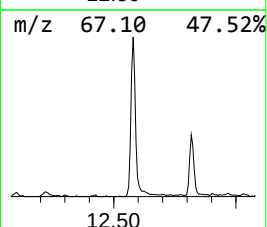
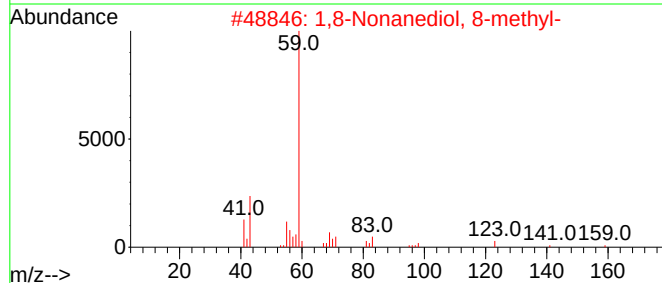
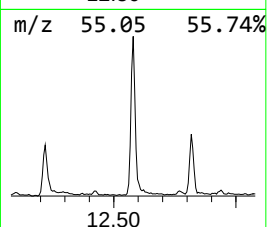
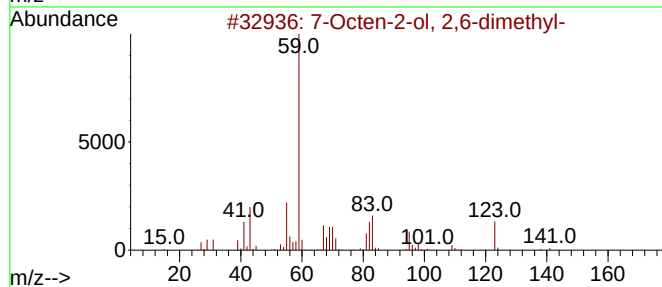
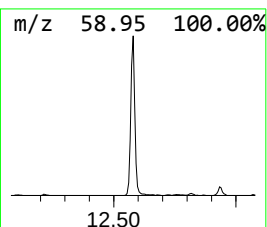
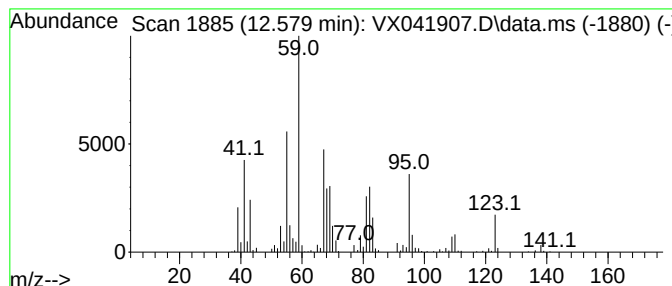
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.579	18.79 ug/l	251725	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	53
2			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	35
3			10-Undecenal	168	C11H20O	000112-45-8	35
4			3,3,5-Trimethylcyclohexyl acrylate	196	C12H20O2	087954-40-3	25
5			8-Dodecenol	184	C12H24O	042513-42-8	25



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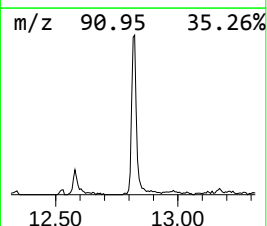
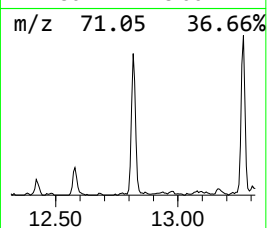
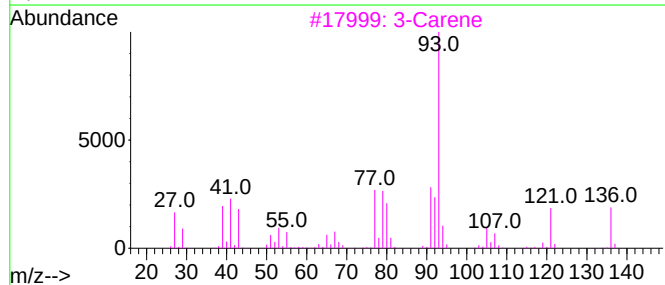
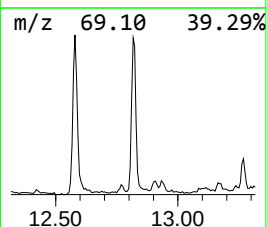
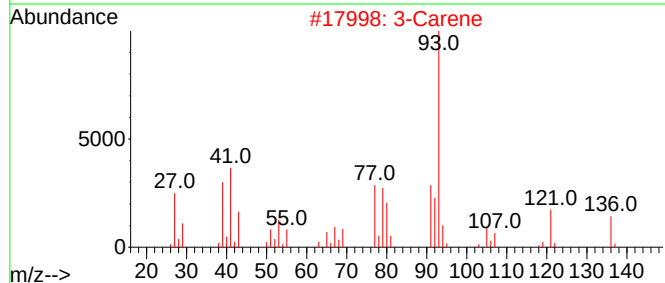
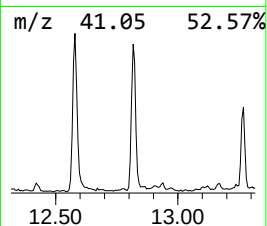
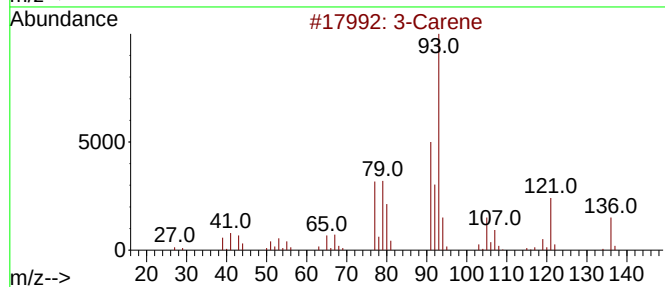
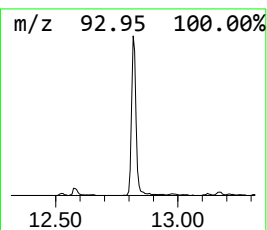
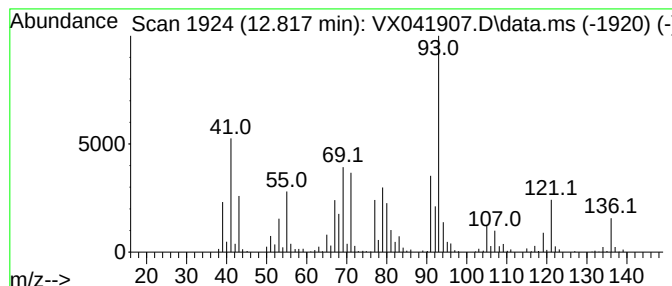
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	15.24 ug/l	204124	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	95
2			3-Carene	136	C10H16	013466-78-9	94
3			3-Carene	136	C10H16	013466-78-9	94
4			3-Carene	136	C10H16	013466-78-9	91
5			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
Data File : VX041907.D
Acq On : 17 Jun 2024 14:11
Operator : JC/MD
Sample : P2908-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

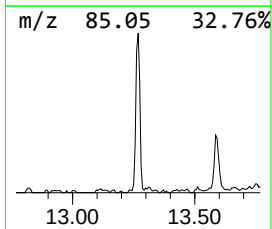
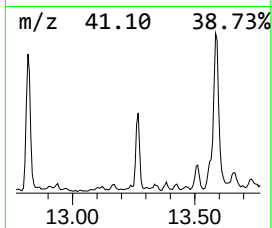
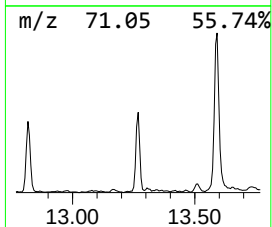
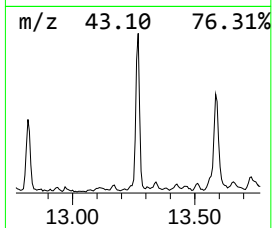
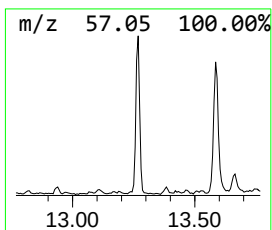
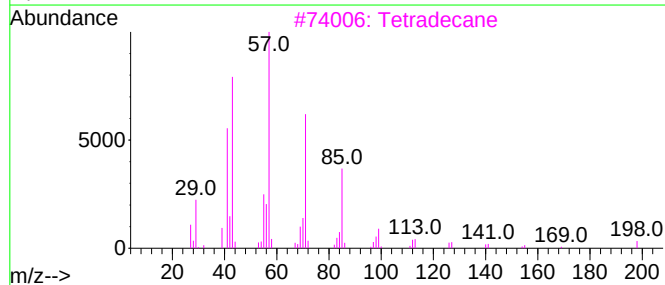
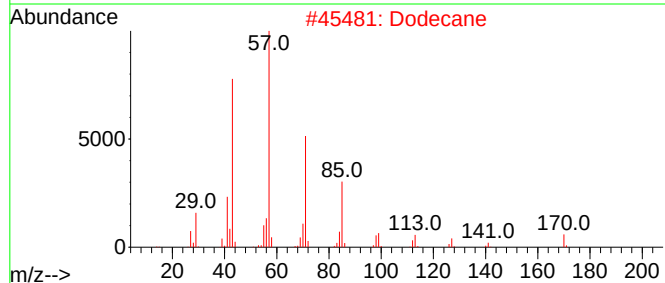
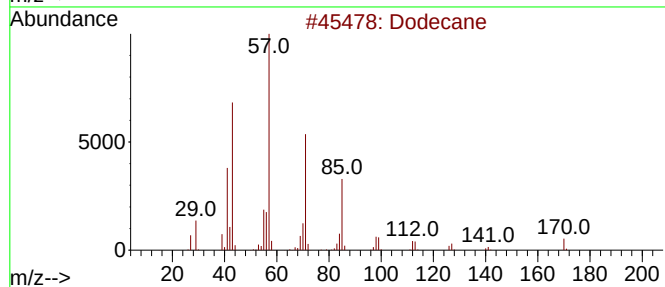
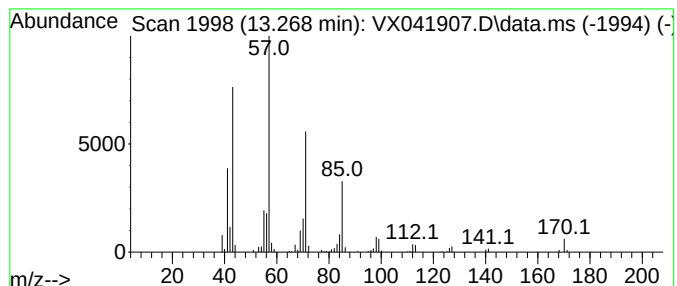
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	6.34 ug/l	84944	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane			170	C12H26	000112-40-3	95
2	Dodecane			170	C12H26	000112-40-3	90
3	Tetradecane			198	C14H30	000629-59-4	90
4	Hexadecane			226	C16H34	000544-76-3	80
5	Undecane			156	C11H24	001120-21-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
Data File : VX041907.D
Acq On : 17 Jun 2024 14:11
Operator : JC/MD
Sample : P2908-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

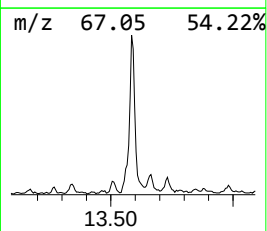
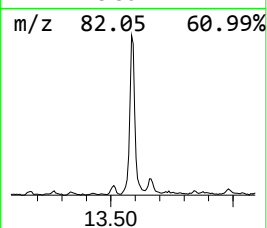
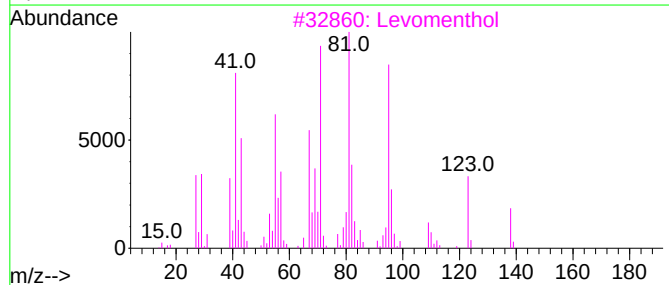
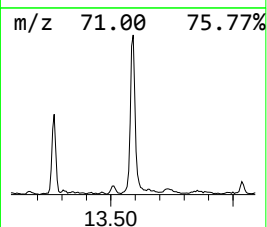
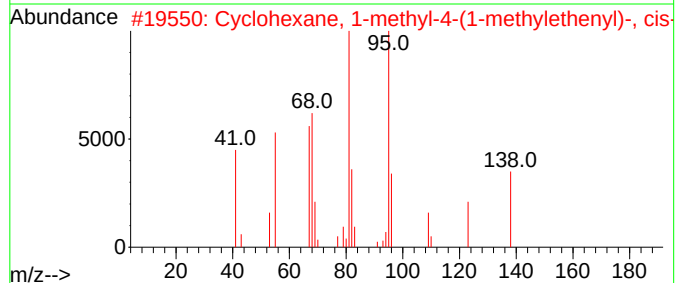
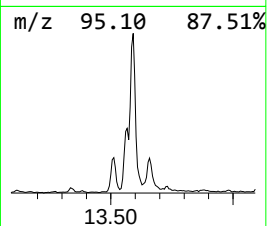
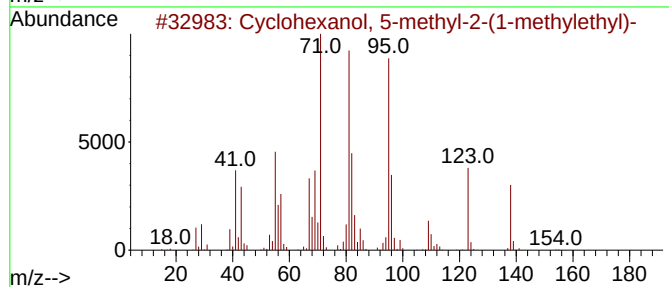
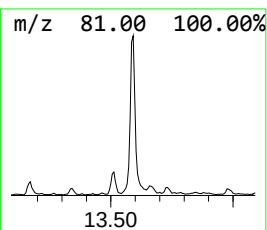
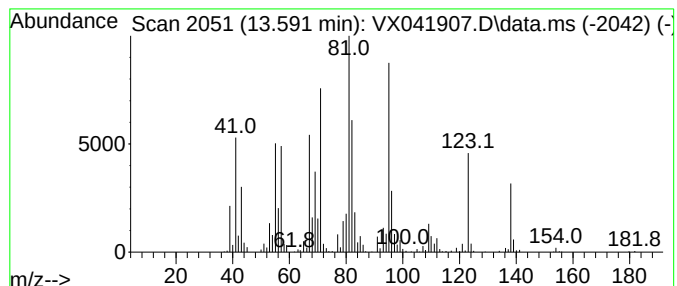
Instrument :
MSVOA_X
ClientSampleId :
240613027-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 7 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.591	32.54 ug/l	435955	Chlorobenzene-d5		10.055	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...		156	C10H20O	001490-04-6	83
2	Cyclohexane, 1-methyl-4-(1-methy...		138	C10H18	001879-07-8	83
3	Levomenthol		156	C10H20O	002216-51-5	80
4	Levomenthol		156	C10H20O	002216-51-5	72
5	dl-Menthol		156	C10H20O	000089-78-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
Data File : VX041907.D
Acq On : 17 Jun 2024 14:11
Operator : JC/MD
Sample : P2908-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

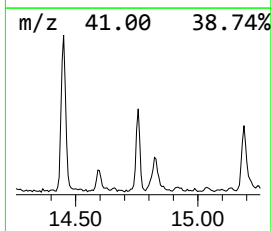
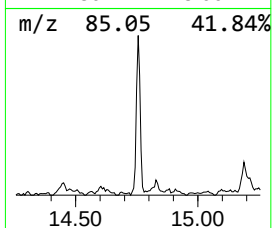
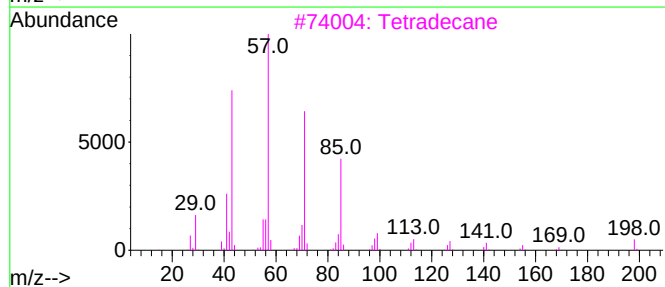
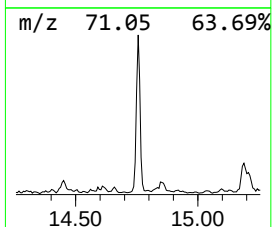
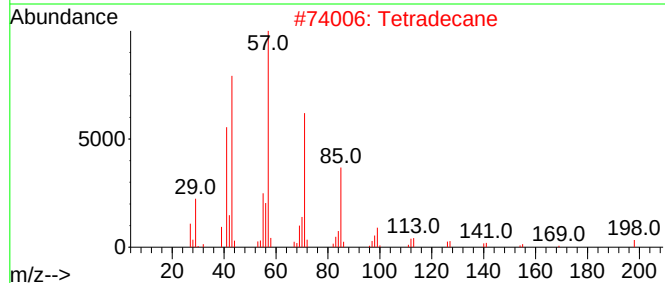
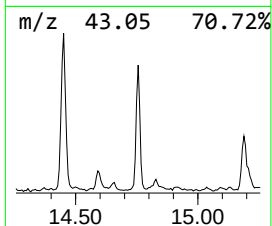
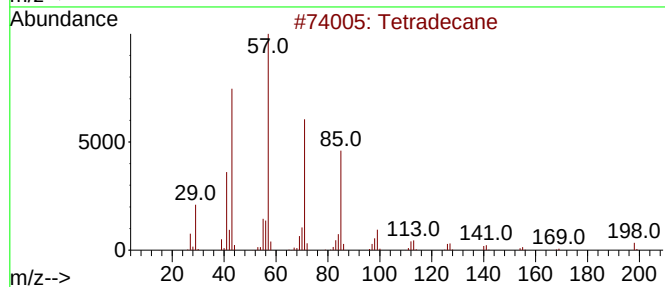
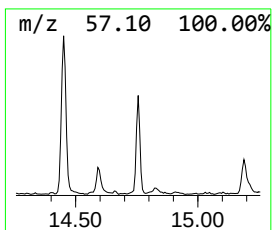
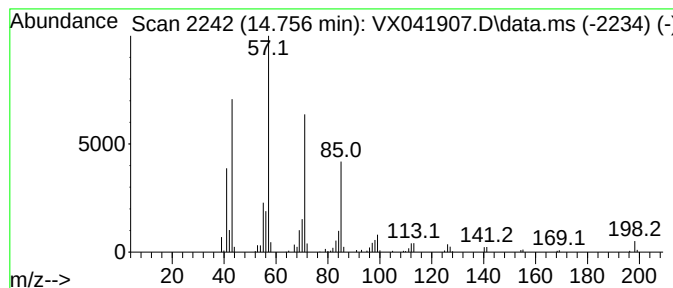
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 9 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.756	6.16 ug/l	82471	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tetradecane	198	C14H30	000629-59-4	95
3			Tetradecane	198	C14H30	000629-59-4	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
Data File : VX041907.D
Acq On : 17 Jun 2024 14:11
Operator : JC/MD
Sample : P2908-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

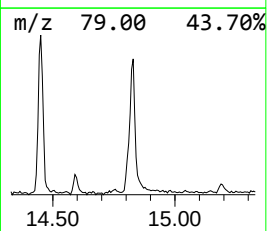
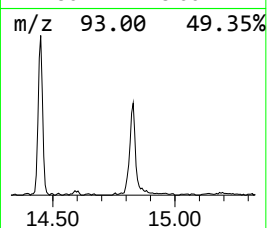
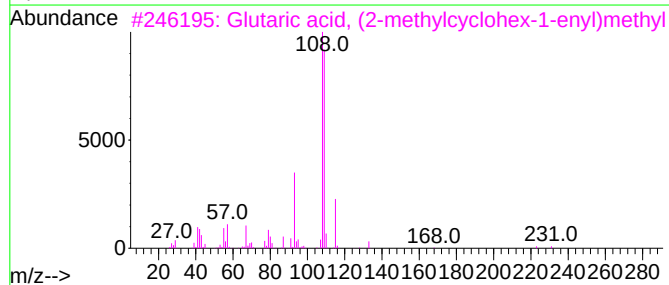
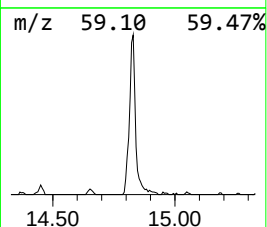
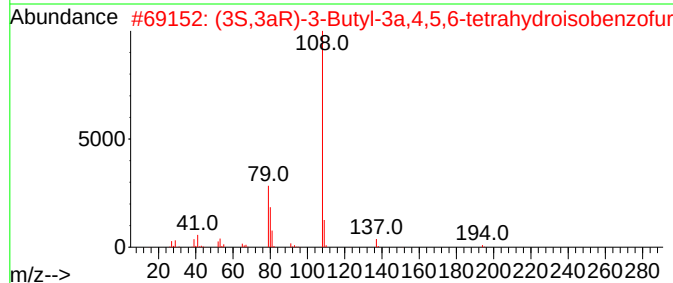
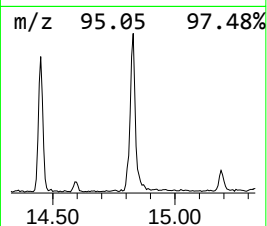
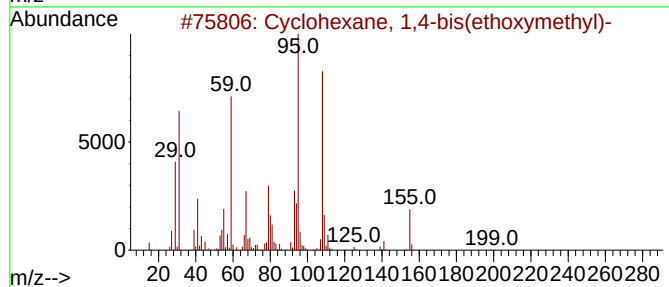
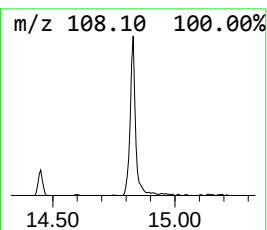
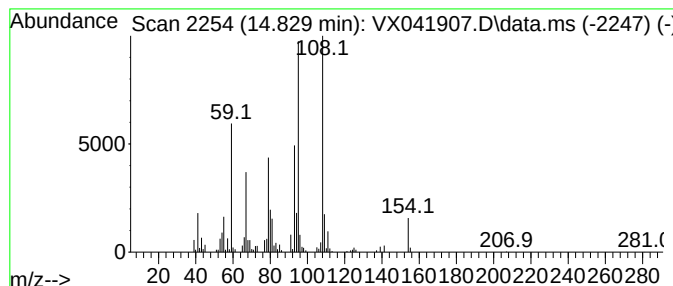
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 10 unknown14.829 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.829	10.56 ug/l	141511	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-bis(ethoxymethyl)-	200	C12H24O2	054889-63-3	42
2			(3S,3aR)-3-Butyl-3a,4,5,6-tetrahydroisobenzofuran	194	C12H18O2	004567-33-3	35
3			Glutaric acid, (2-methylcyclohex-1-en-1-yl)methyl	338	C20H34O4	1010405-50-4	35
4			.alpha.-Campholenal	152	C10H16O	004501-58-0	27
5			Sedanolid	194	C12H18O2	006415-59-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
Data File : VX041907.D
Acq On : 17 Jun 2024 14:11
Operator : JC/MD
Sample : P2908-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240613027-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.703	5.4	ug/l	31859	1	4.898	178091	30.0
Ethanol	2.124	115.7	ug/l	686877	1	4.898	178091	30.0
1-Hexanol, 2-et...	12.219	7.5	ug/l	101042	3	10.055	401941	30.0
7-Octen-2-ol, 2...	12.579	18.8	ug/l	251725	3	10.055	401941	30.0
3-Carene	12.817	15.2	ug/l	204124	3	10.055	401941	30.0
Dodecane	13.268	6.3	ug/l	84944	3	10.055	401941	30.0
Cyclohexanol, 5...	13.591	32.5	ug/l	435955	3	10.055	401941	30.0
2(1H)-Pyridinon...	14.451	23.5	ug/l	315103	3	10.055	401941	30.0
Tetradecane	14.756	6.2	ug/l	82471	3	10.055	401941	30.0
unknown14.829	14.829	10.6	ug/l	141511	3	10.055	401941	30.0