

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083544.D
 Acq On : 28 Aug 2024 18:33
 Operator : JC\MD
 Sample : P3715-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA-240821073-02

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_N\methods\624N082824W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN083544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.289	52	57	68	rBV	80261	129143	2.39%	0.643%
2	4.430	409	421	436	rBV2	130379	395560	7.32%	1.969%
3	4.742	455	474	489	rBV2	84205	315078	5.83%	1.569%
4	5.542	588	610	631	rBV	809742	2980534	55.18%	14.840%
5	5.795	641	653	666	rVB2	25419	88869	1.65%	0.442%
6	7.453	921	935	950	rBV2	1387045	4697138	86.97%	23.387%
7	7.836	983	1000	1016	rBV2	462167	1417214	26.24%	7.056%
8	8.577	1111	1126	1136	rBV3	108901	353811	6.55%	1.762%
9	8.671	1136	1142	1159	rVV4	77564	309790	5.74%	1.542%
10	8.818	1163	1167	1183	rVB3	19823	59381	1.10%	0.296%
11	9.100	1207	1215	1225	rVB	206160	408311	7.56%	2.033%
12	9.530	1282	1288	1296	rBV	39446	76075	1.41%	0.379%
13	10.565	1457	1464	1471	rBV	303297	563190	10.43%	2.804%
14	10.635	1471	1476	1489	rVB4	35000	103700	1.92%	0.516%
15	11.171	1557	1567	1577	rBV	61209	130256	2.41%	0.649%
16	11.306	1580	1590	1595	rBV6	22548	57373	1.06%	0.286%
17	11.865	1675	1685	1695	rBV	273371	559777	10.36%	2.787%
18	11.965	1695	1702	1709	rVV2	72967	145959	2.70%	0.727%
19	12.071	1709	1720	1730	rVB2	56533	143614	2.66%	0.715%
20	12.394	1768	1775	1782	rVB3	49377	91104	1.69%	0.454%
21	12.847	1845	1852	1861	rVB	220052	401145	7.43%	1.997%
22	13.482	1950	1960	1967	rBV3	30858	71865	1.33%	0.358%
23	13.612	1975	1982	1988	rBV3	34301	69048	1.28%	0.344%
24	13.818	2011	2017	2020	rVV3	57675	128763	2.38%	0.641%
25	13.876	2020	2027	2042	rVV	3294074	5401047	100.00%	26.892%
26	13.994	2042	2047	2061	rVB5	55869	159370	2.95%	0.793%
27	14.247	2085	2090	2095	rBV3	45545	83194	1.54%	0.414%
28	14.294	2095	2098	2103	rVB2	39800	61082	1.13%	0.304%
29	14.447	2112	2124	2133	rBV8	35009	107199	1.98%	0.534%
30	14.670	2157	2162	2170	rVB	300409	496651	9.20%	2.473%
31	14.888	2191	2199	2203	rBV2	33703	79300	1.47%	0.395%

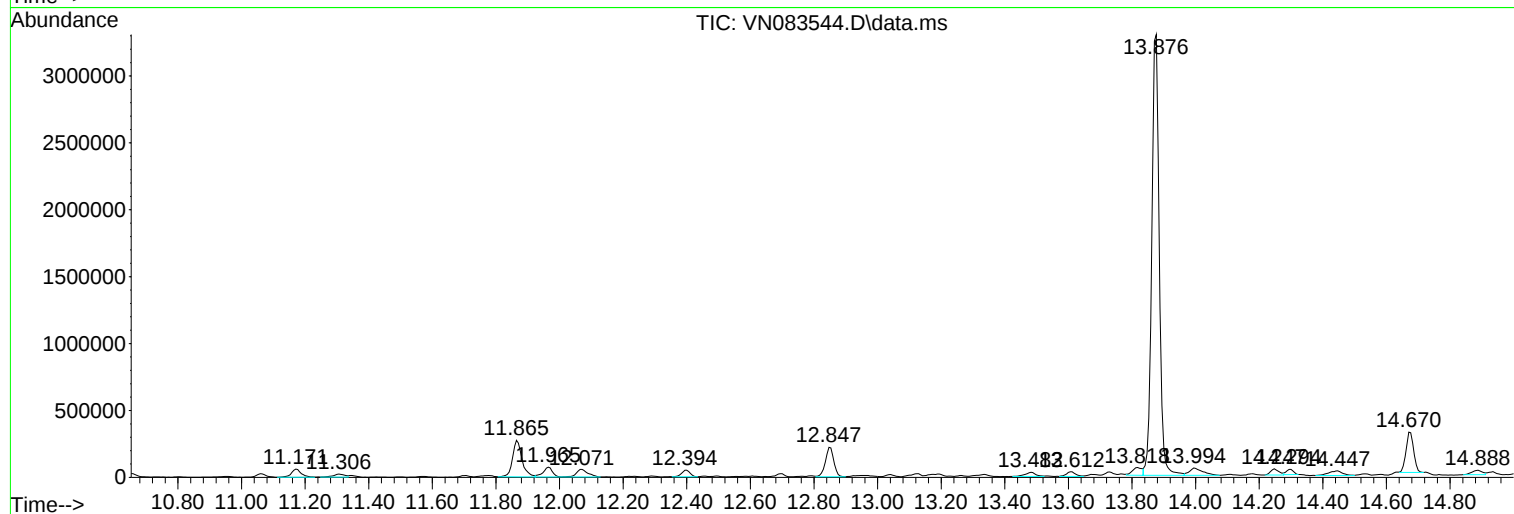
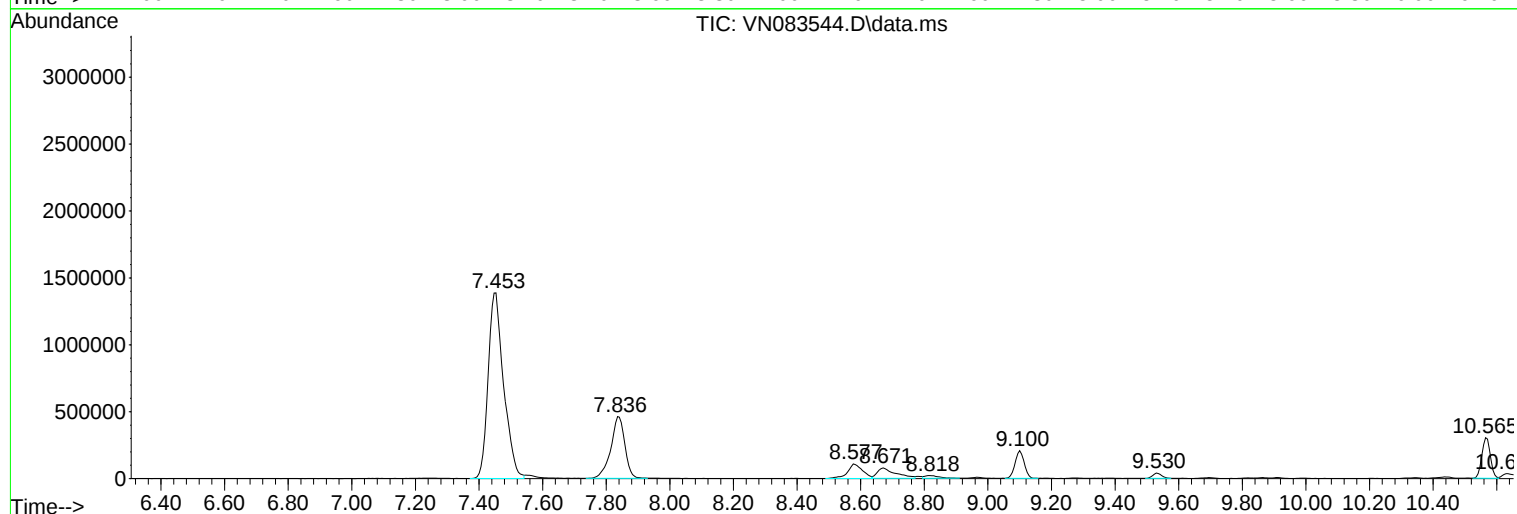
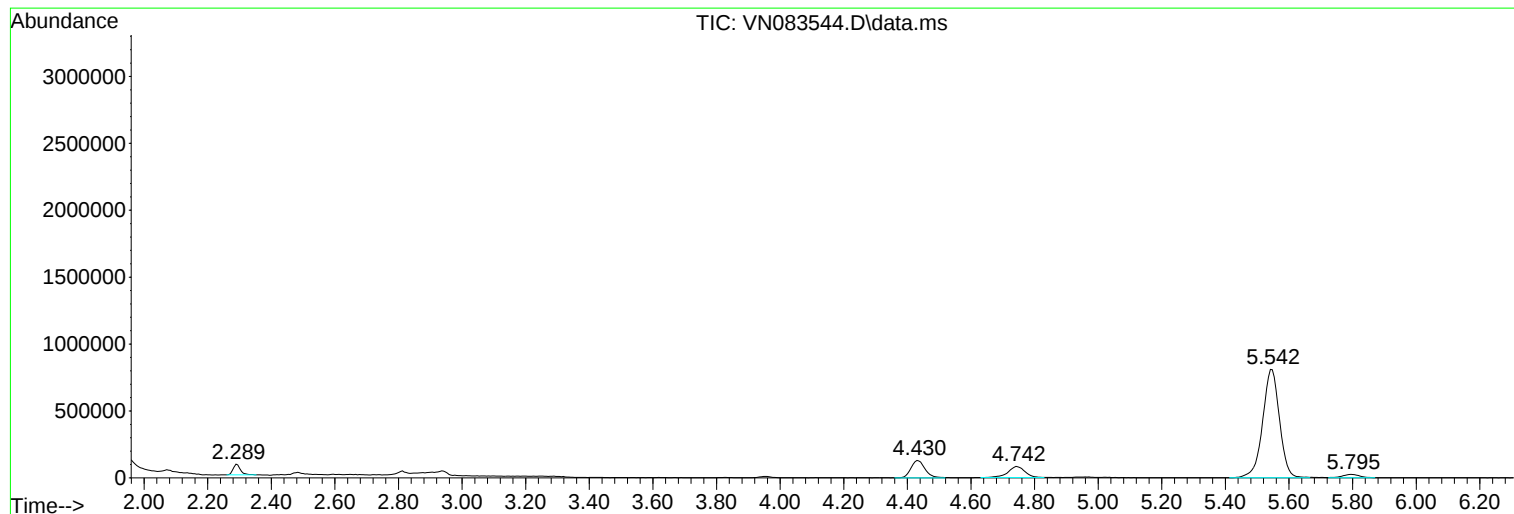
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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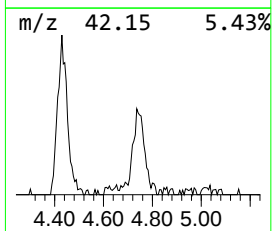
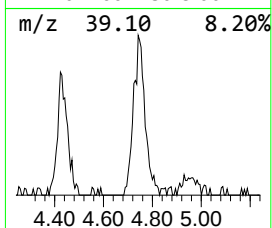
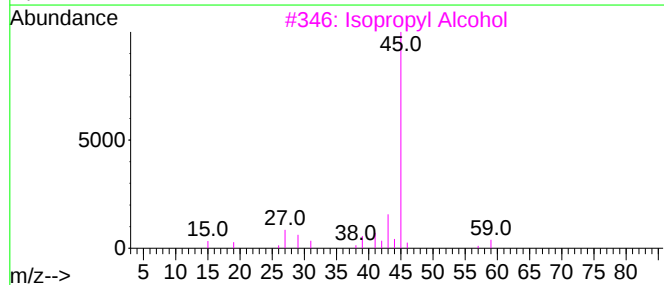
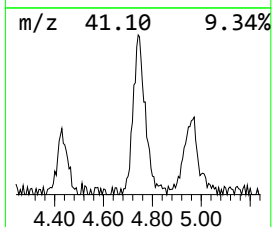
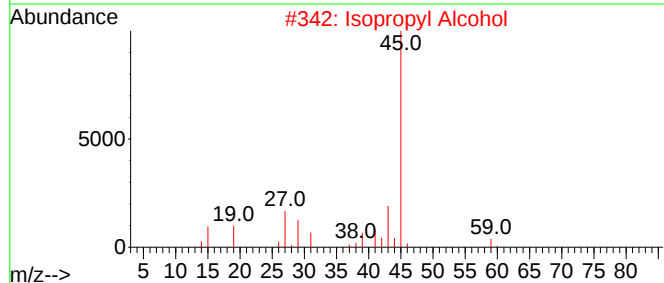
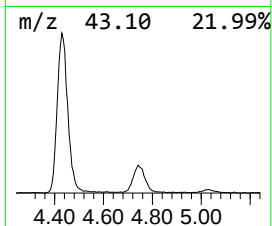
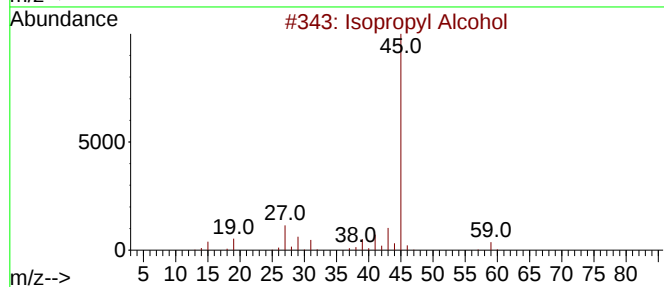
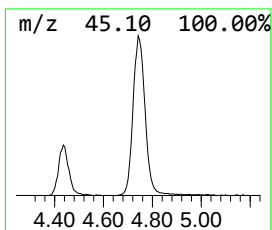
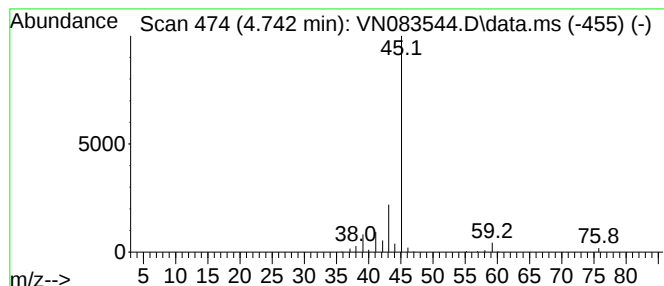
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.742	6.67 ug/l	315078	Bromochloromethane	7.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5			Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40



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ClientSampleId :
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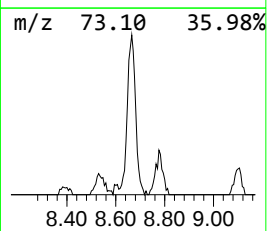
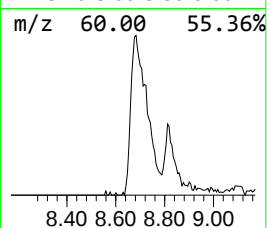
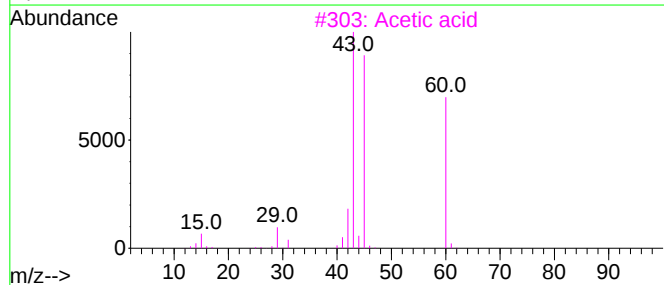
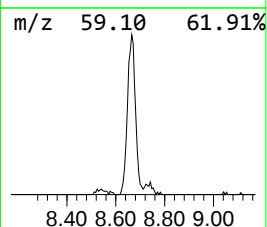
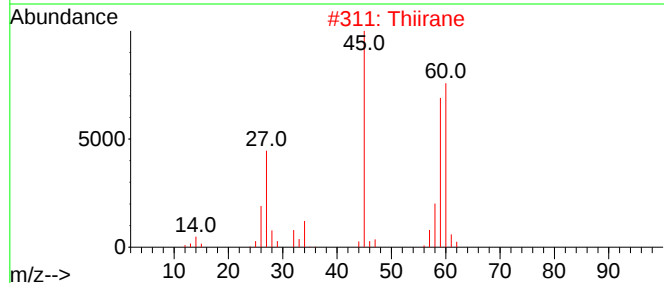
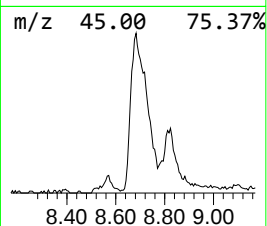
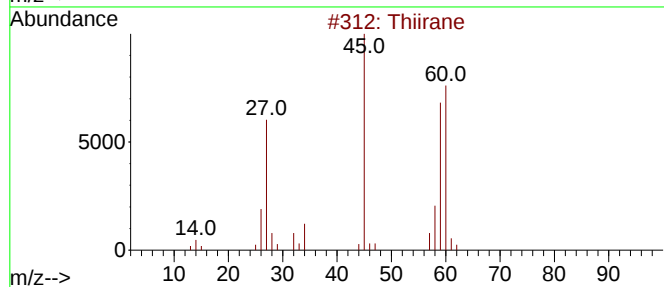
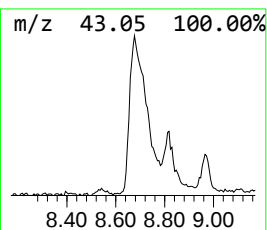
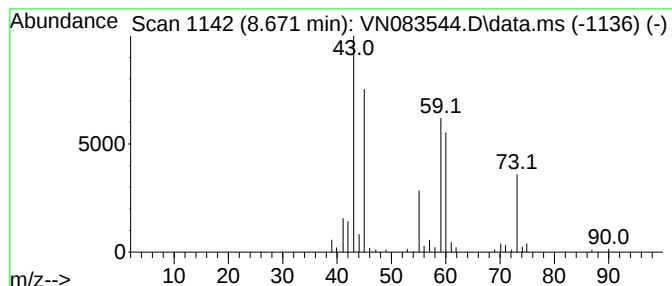
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Thiirane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.671	22.76 ug/l	309790	1,4-Difluorobenzene	9.100

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiirane	60	C2H4S	000420-12-2	64
2			Thiirane	60	C2H4S	000420-12-2	64
3			Acetic acid	60	C2H4O2	000064-19-7	58
4			Acetic acid	60	C2H4O2	000064-19-7	53
5			Ethanol, 2-(1-methylethoxy)-	104	C5H12O2	000109-59-1	50



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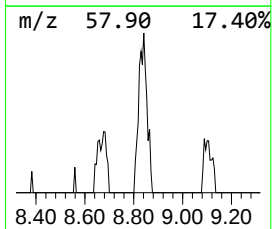
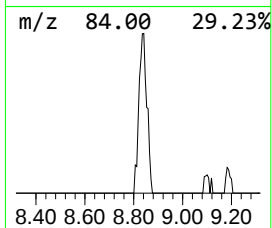
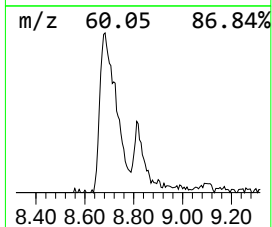
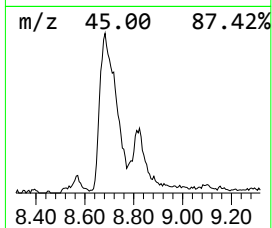
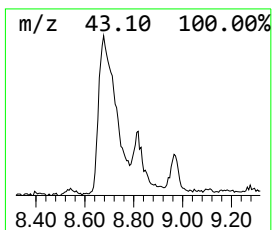
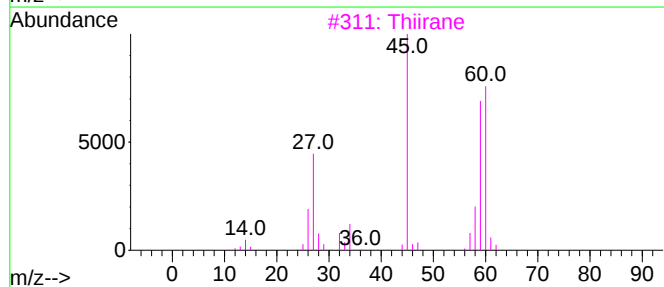
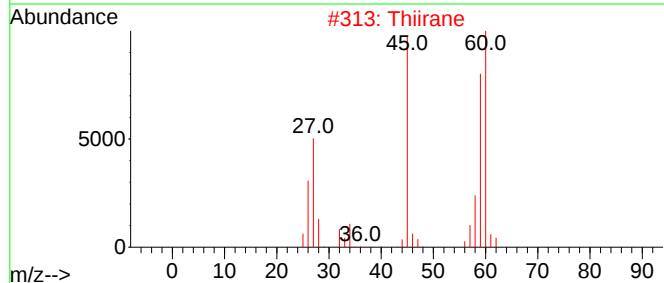
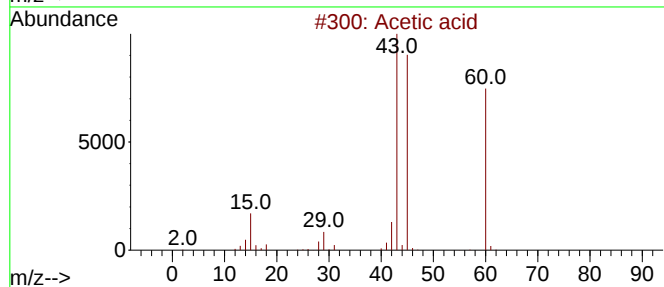
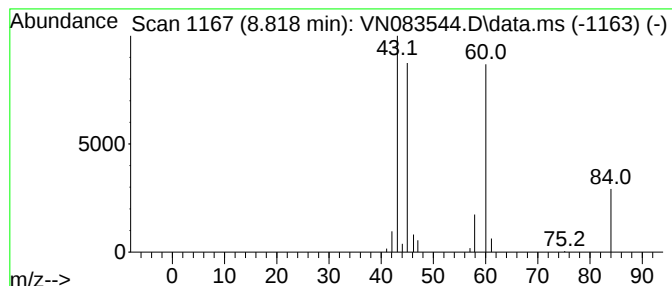
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Acetic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.818	4.36 ug/l	59381	1,4-Difluorobenzene	9.100

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetic acid	60	C2H4O2	000064-19-7	72
2		Thiirane	60	C2H4S	000420-12-2	59
3		Thiirane	60	C2H4S	000420-12-2	59
4		Thiirane	60	C2H4S	000420-12-2	59
5		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	45



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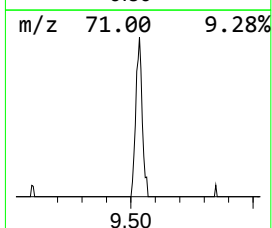
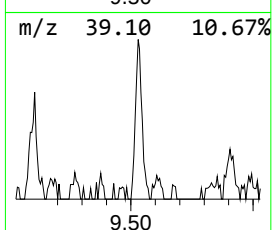
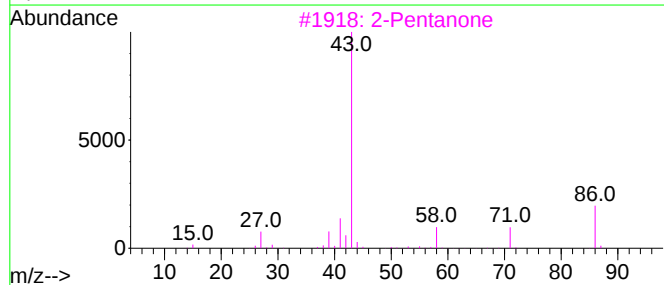
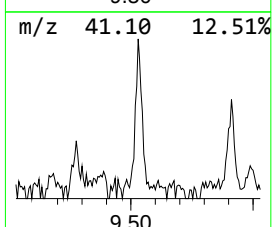
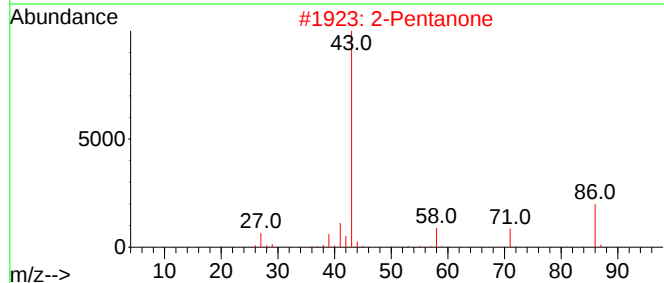
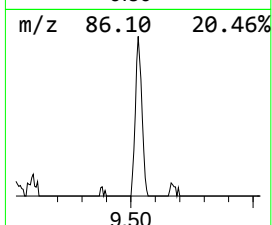
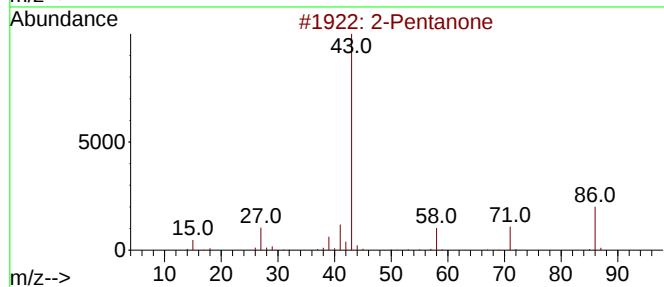
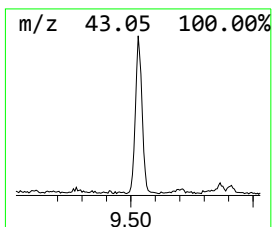
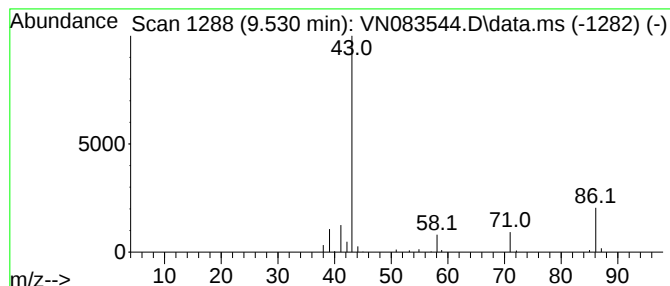
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Peak Number 4 2-Pentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.530	5.59 ug/l	76075	1,4-Difluorobenzene	9.100

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone			86	C5H10O	000107-87-9	86
2	2-Pentanone			86	C5H10O	000107-87-9	80
3	2-Pentanone			86	C5H10O	000107-87-9	80
4	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	64
5	2-Pentanone			86	C5H10O	000107-87-9	64



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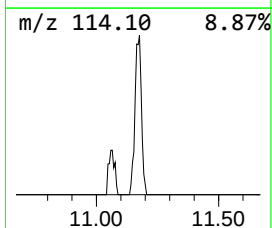
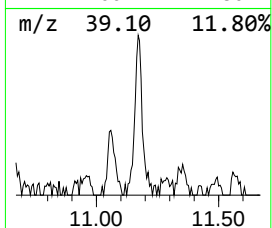
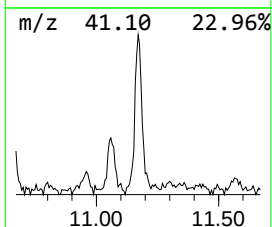
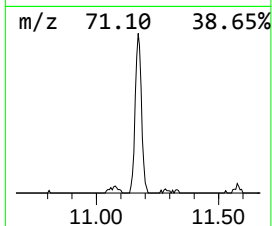
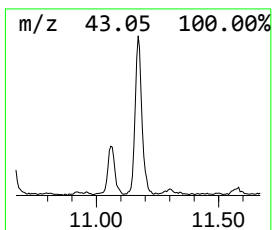
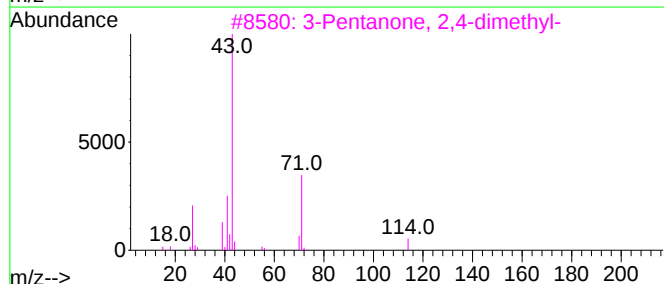
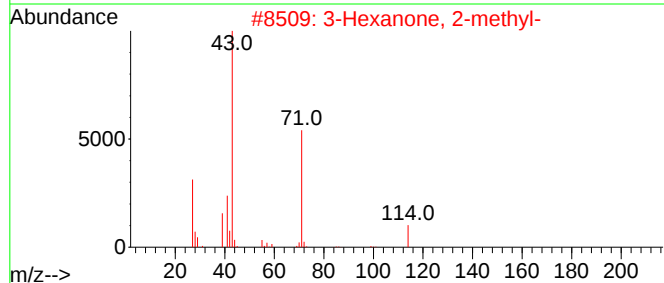
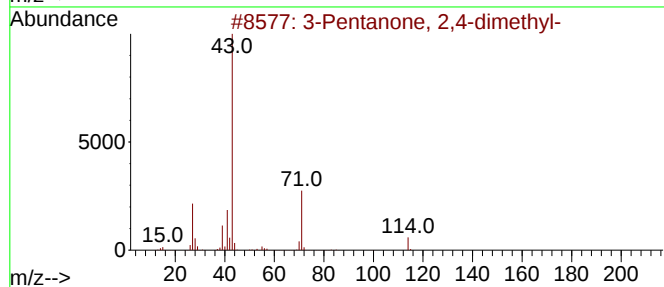
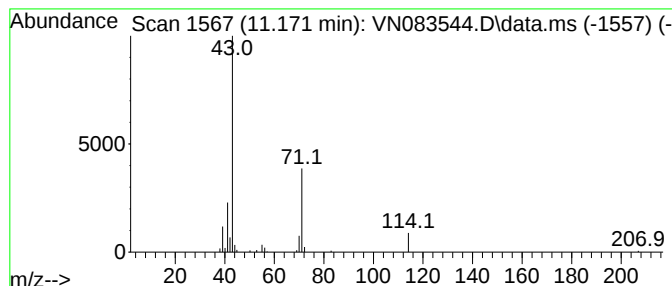
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Pentanone, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.171	6.98 ug/l	130256	Chlorobenzene-d5	11.865

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			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
4			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	74
5			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72



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ClientSampleId :
VOA-240821073-02

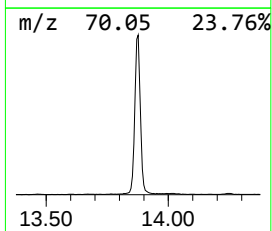
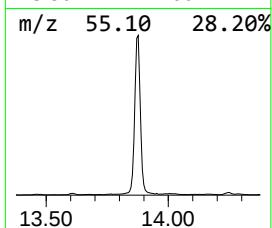
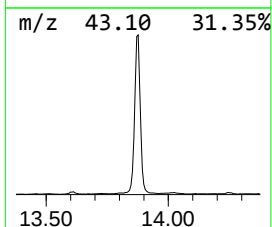
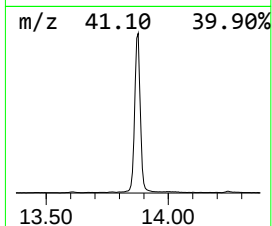
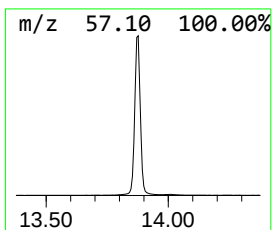
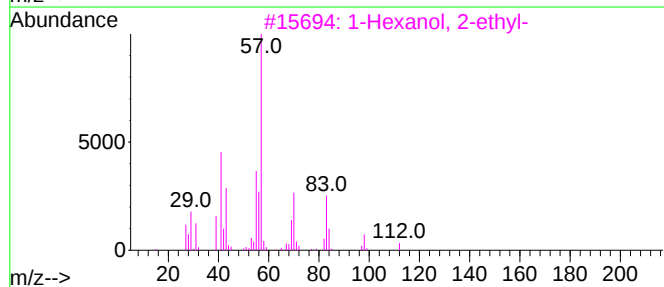
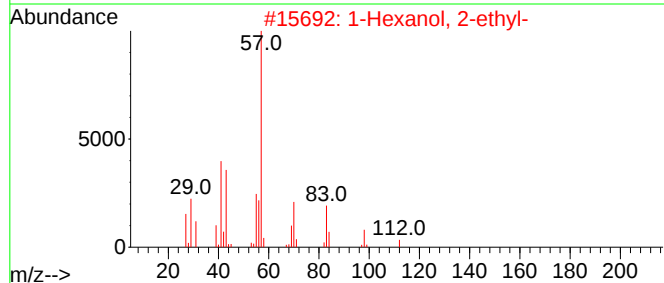
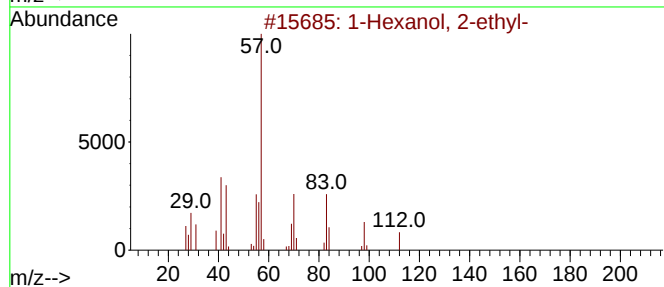
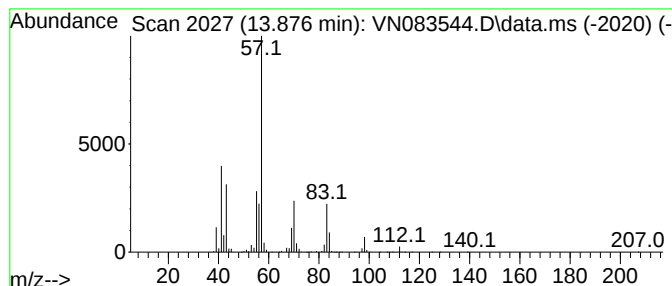
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	289.46 ug/l	5401050	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083544.D
Acq On : 28 Aug 2024 18:33
Operator : JC\MD
Sample : P3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

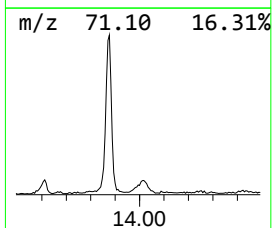
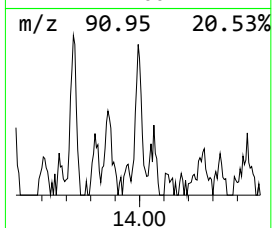
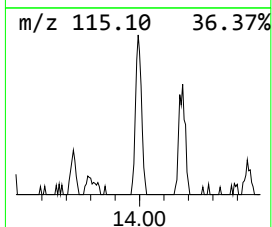
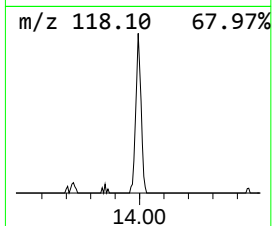
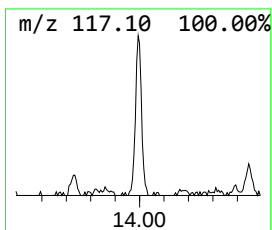
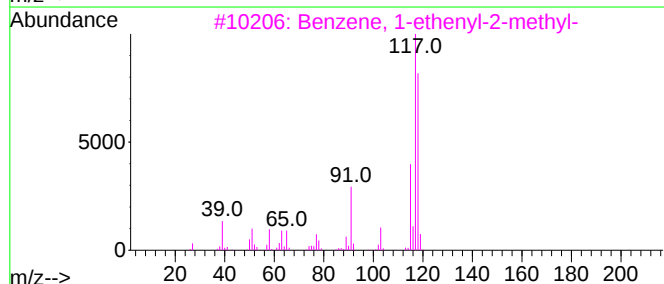
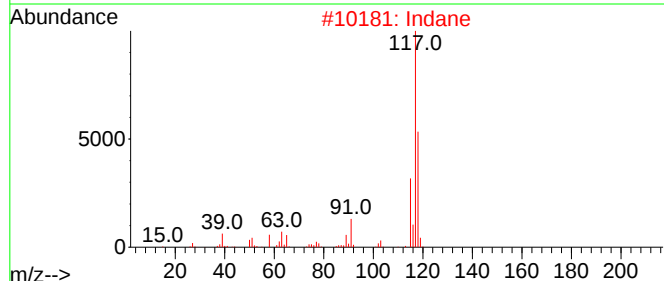
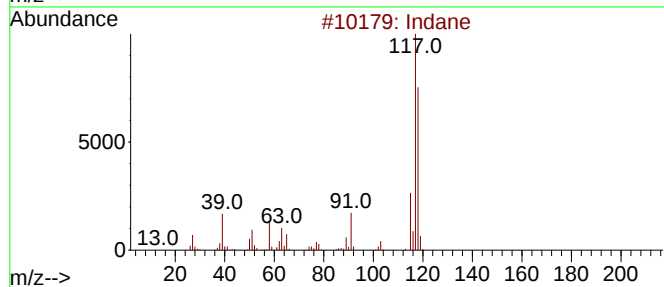
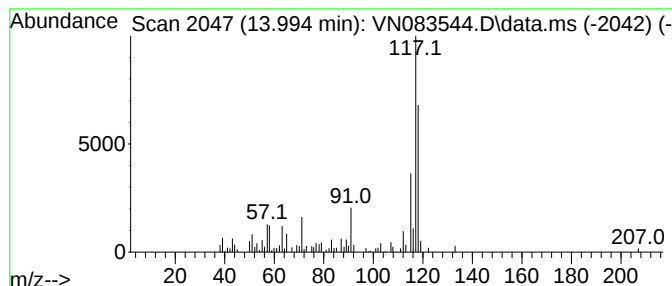
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	8.54 ug/l	159370	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	93
3	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	89
4	Indane			118	C9H10	000496-11-7	81
5	Benzene, 2-propenyl-			118	C9H10	000300-57-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083544.D
Acq On : 28 Aug 2024 18:33
Operator : JC\MD
Sample : P3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

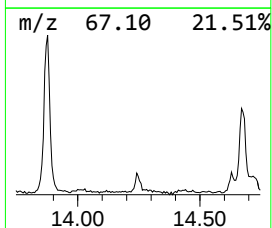
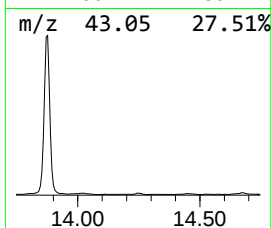
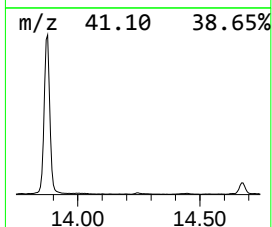
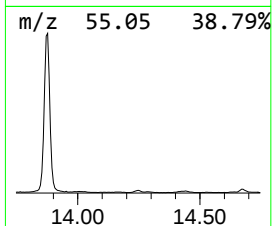
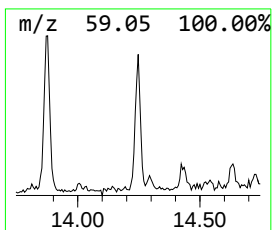
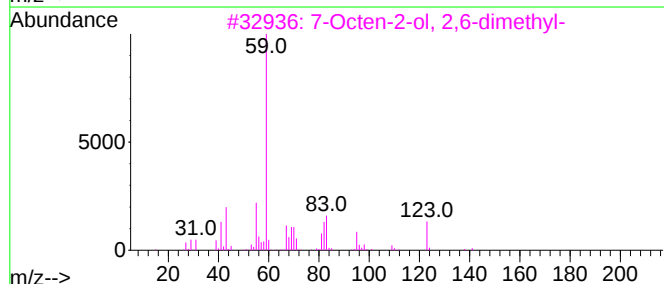
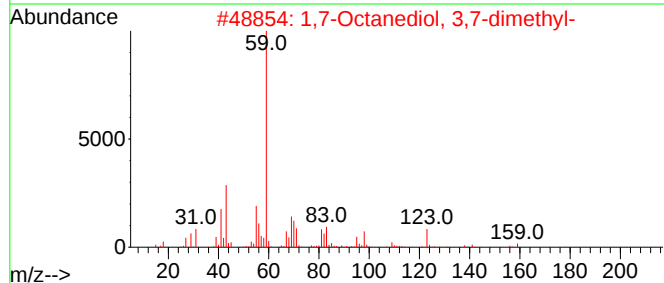
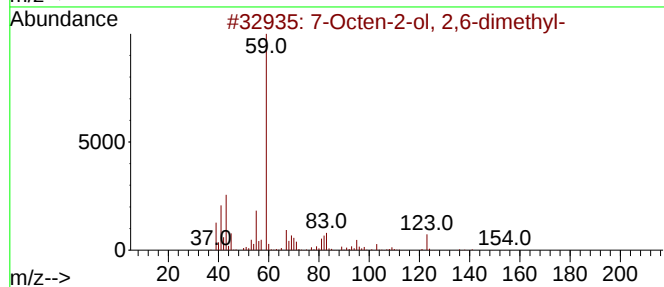
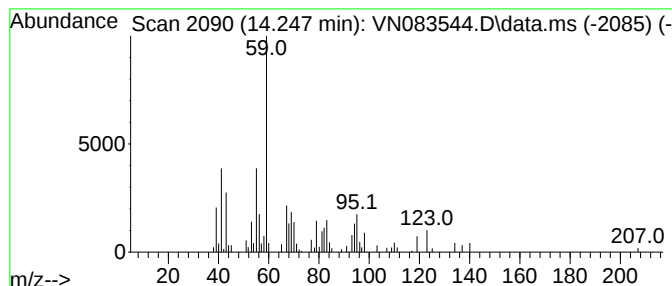
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 8 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	4.46 ug/l	83194	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	53
2			1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	50
3			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	50
4			1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	47
5			2-Methyl-5-(1-adamantyl)pentan-2-ol	236	C16H28O	095477-25-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083544.D
Acq On : 28 Aug 2024 18:33
Operator : JC\MD
Sample : P3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

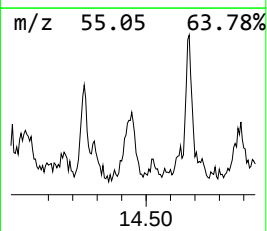
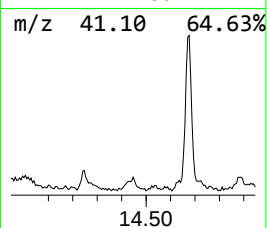
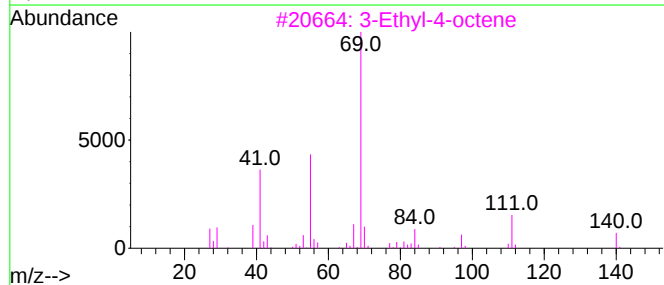
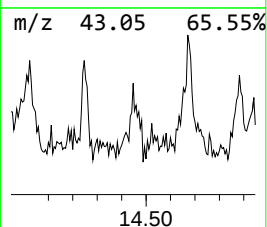
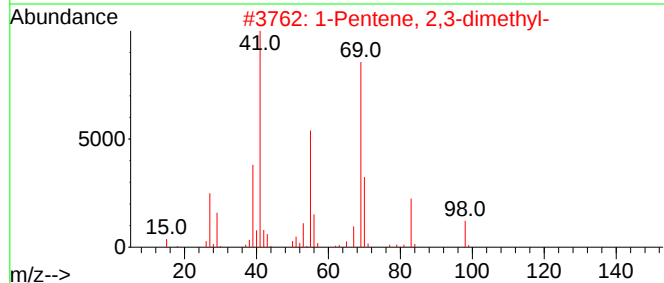
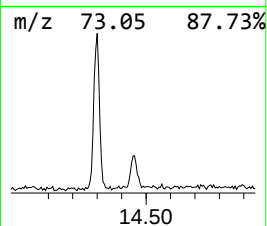
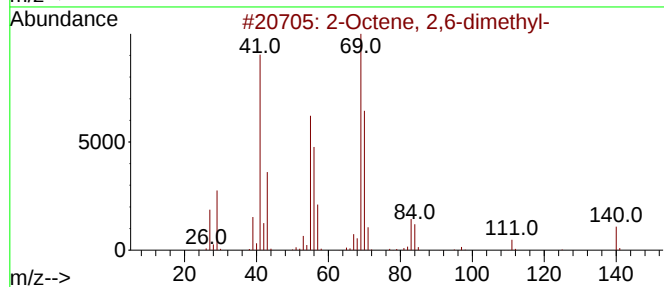
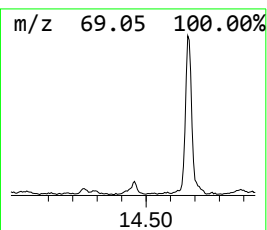
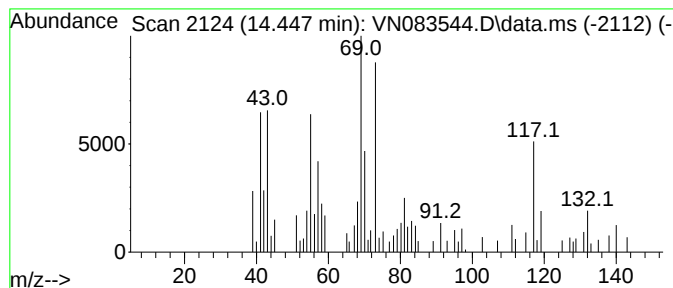
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 9 unknown14.447 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	5.75 ug/l	107199	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	43
2	1-Pentene, 2,3-dimethyl-			98	C7H14	003404-72-6	38
3	3-Ethyl-4-octene			140	C10H20	019781-32-9	38
4	Cyclohexane, 1-ethyl-2,3-dimethyl-			140	C10H20	007058-05-1	30
5	1-Hexene, 3,3-dimethyl-			112	C8H16	003404-77-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083544.D
Acq On : 28 Aug 2024 18:33
Operator : JC\MD
Sample : P3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

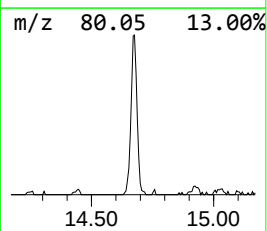
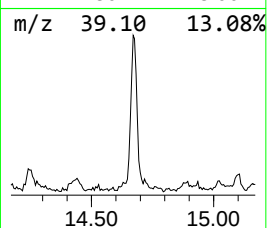
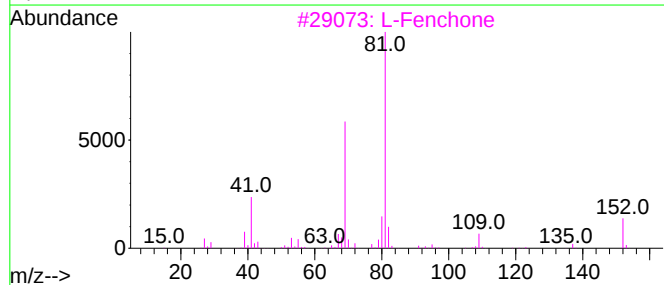
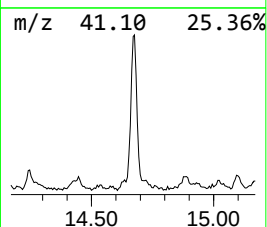
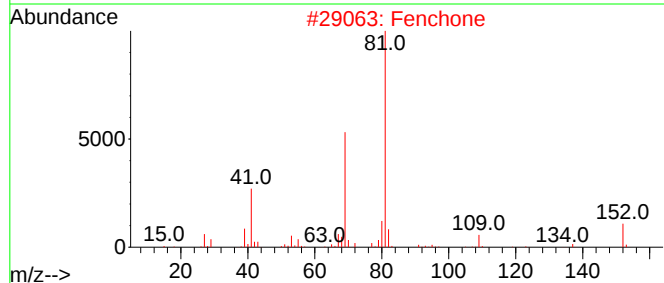
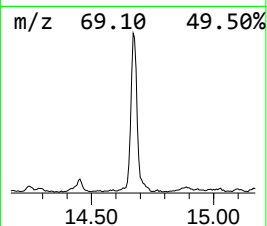
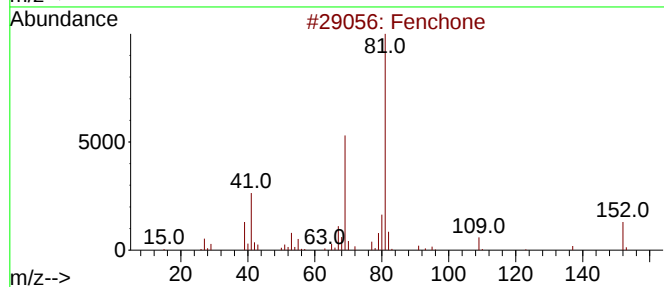
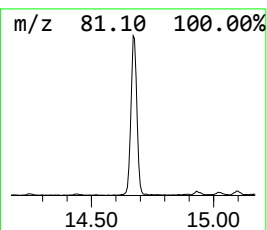
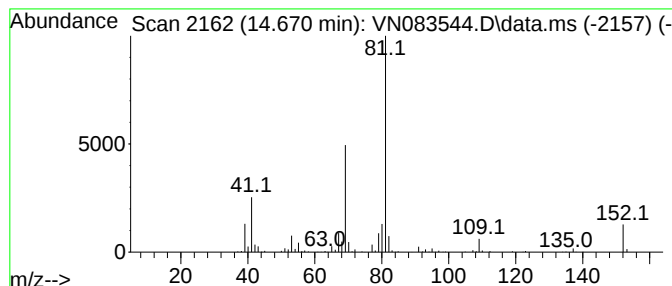
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 10 Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	26.62 ug/l	496651	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchone	152	C10H16O	001195-79-5	95
2			Fenchone	152	C10H16O	001195-79-5	94
3			L-Fenchone	152	C10H16O	007787-20-4	91
4			L-Fenchone	152	C10H16O	007787-20-4	91
5			Fenchone	152	C10H16O	001195-79-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083544.D
Acq On : 28 Aug 2024 18:33
Operator : JC\MD
Sample : P3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.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
Isopropyl Alcohol	4.742	6.7	ug/l	315078	1	7.812	1417210	30.0
Thiirane	8.671	22.8	ug/l	309790	2	9.100	408311	30.0
Acetic acid	8.818	4.4	ug/l	59381	2	9.100	408311	30.0
2-Pentanone	9.530	5.6	ug/l	76075	2	9.100	408311	30.0
3-Pentanone, 2,...	11.171	7.0	ug/l	130256	3	11.865	559777	30.0
1-Hexanol, 2-et...	13.876	289.5	ug/l	5401050	3	11.865	559777	30.0
Indane	13.994	8.5	ug/l	159370	3	11.865	559777	30.0
7-Octen-2-ol, 2...	14.247	4.5	ug/l	83194	3	11.865	559777	30.0
unknown14.447	14.447	5.8	ug/l	107199	3	11.865	559777	30.0
Fenchone	14.670	26.6	ug/l	496651	3	11.865	559777	30.0